

# **Phase I – Environmental Site Assessment**

444 Citigate Drive and 560 Dealership Drive  
Ottawa, Ontario

Prepared for Colonnade Bridgeport

November 23, 2022  
Report PE5569-2

## TABLE OF CONTENTS

EXECUTIVE SUMMARY.....	ii
1.0 INTRODUCTION.....	1
2.0 PHASE I ESA PROPERTY INFORMATION .....	2
3.0 SCOPE OF INVESTIGATION .....	3
4.0 RECORDS REVIEW .....	4
4.1 General.....	4
4.2 Environmental Source Information .....	4
4.3 Physical Setting Sources .....	7
5.0 INTERVIEWS .....	9
6.0 SITE RECONNAISSANCE.....	10
6.1 General Requirements.....	10
6.2 Specific Observations at Phase I ESA Property .....	10
7.0 REVIEW AND EVALUATION OF INFORMATION .....	12
7.1 Land Use History .....	12
7.2 Conceptual Site Model.....	13
8.0 CONCLUSIONS .....	16
9.0 STATEMENT OF LIMITATIONS .....	17
10.0 REFERENCES.....	18

### List of Figures

Figure 1 - Key Plan  
 Figure 2 - Topographic Map  
 Drawing PE5569-1A - Site Plan  
 Drawing PE5569-1B – Site Plan  
 Drawing PE5569-2A - Surrounding Land Use Plan  
 Drawing PE5569-2B – Surrounding Land Use Plan

### List of Appendices

Appendix 1 Aerial Photographs  
 Site Photographs

Appendix 2 MECP Freedom of Information Responses  
 MECP Well Records  
 TSSA Correspondence  
 City of Ottawa HLUI Search Results  
 ERIS Reports

Appendix 3 Qualifications of Assessors

## **EXECUTIVE SUMMARY**

### **Assessment**

Paterson Group was retained by Colonnade Bridgeport to conduct a Phase I Environmental Site Assessment (ESA) for the properties addressed 444 Citigate Drive (Site 1) and 560 Dealership Drive (Site 2), in the City of Ottawa, Ontario. The purpose of this Phase I-Environmental Site Assessment (Phase I-ESA) was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the subject property.

According to the historical research, the subject properties have always existed as vacant land used for agricultural purposes. Properties within the study area were undeveloped vacant land used for agricultural purposes as well until relatively recently (circa 2017), with development of commercial properties (automotive dealerships/service garages) along Dealership Drive. Lands to the north and east are occupied by commercial and residential developments, respectively. No historical potentially contaminating activities (PCAs) were identified on the subject property or properties within the study area.

Following the historical research, a site visit was conducted to assess the current use of the Phase I ESA Properties and the Phase I ESA study area. The Phase I ESA Properties exist as vacant treed and grasslands. Neighbouring lands are primarily occupied by commercial developments and agricultural fields with a residential development further northeast and east. No PCAs that would represent APECs were identified in the Phase I – ESA study area.

### **Conclusions**

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

## 1.0 INTRODUCTION

At the request of Colonnade Bridgeport, Paterson Group (Paterson) conducted a Phase I Environmental Site Assessment (Phase I ESA) for the properties addressed 444 Citigate Drive (Site 1) and 560 Dealership Drive (Site 2), in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the subject property.

Paterson was engaged to conduct this Phase I ESA by Ms. Bonnie Martell of Colonnade Bridgeport. The office of Colonnade Bridgeport is located at 100 Argyle Avenue, Suite 200, Ottawa, Ontario. Ms. Martell can be reached by phone at (613) 225-3898.

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 CSA Z768-01 (reaffirmed 2022). 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 ESA PROPERTY INFORMATION

Address:	444 Citigate Drive (Site 1); 560 Dealership Drive (Site 2).
Location:	Site 1: The subject site is located on the southwest corner of the Citigate Drive and Systemhouse Street intersection, in the City of Ottawa, Ontario. The subject site is shown on Figure 1 - Key Plan following the body of this report;  Site 2: The subject site is located on the southwest side of Dealership Drive, immediately east of Highway 416, in the City of Ottawa, Ontario. Refer to Figure 1 – Key Plan, appended to this report.
Legal Description:	Site 1: Part of Lot 18, Concession 4 in Nepean, now in the City of Ottawa.  Site 2: Part of Lot 17, Concession 4 in Nepean, now in the City of Ottawa.
Latitude and Longitude:	Site 1: 45° 15' 56" N, 75° 47' 16" W;  Site 2: 45° 15' 38" N, 75° 47' 06" W.
<b>Site Description:</b>	
Configuration:	Site 1: Rectangular;  Site 2: Rectangular.
Site Area:	Site 1: 20.72 hectares (approximate);  Site 2: 6.32 hectares (approximate).
Zoning:	IP – Business Park Industrial Zone.
Current Use:	Undeveloped vacant treed land
Services:	The subject sites are located 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 subject site and study area by conducting a review of readily available records, reports, photographs, plans, mapping, databases and regulatory agencies;
- Investigate the existing conditions present at the subject site and study area by conducting site reconnaissance;
- Conduct interviews with persons knowledgeable of current and historic operations on the subject property, and if warranted, neighbouring properties;
- Present the results of our findings in a comprehensive report in general accordance with the requirements of Ontario Regulation 269/11 amending O.Reg. 153/04 made under the Environmental Protection Act and in compliance with the requirements of CSA Z768-01 (reaffirmed 2022);
- 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 ESA study area for this assignment. Properties outside the 250 m radius are not considered to have impacted the subject land, based on their significant distance from the sites.

#### **First Developed Use Determination**

Based on a review of available historical information, the subject sites have never been formally developed.

#### **Fire Insurance Plans**

Fire insurance plans are not available for the area of the subject sites.

#### **City of Ottawa Street Directories**

City street directory information is not available for the area of the subject sites.

#### **Chain of Title**

Given the available information, it was determined that the results of a chain of title search would not contribute to the environmental assessment for the Phase I Properties. Therefore, a chain of title search was not completed as part of this assessment.

### **4.2 Environmental Source Information**

#### **Environment Canada**

A search of the National Pollutant Release Inventory was conducted as part of this assessment. The search did not identify any records of pollutant releases pertaining to the subject sites or any properties within the Phase I study area.

#### **PCB Inventory**

A search of the provincial PCB waste storage sites was conducted. No PCB waste storage sites are located within the Phase I study area.

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## **Ontario Ministry of Environment, Conservation and Parks (MECP) Instruments**

A request was submitted to the MECP Freedom of Information (FOI) office for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP issued instruments for the site. At the time of issuing this report, responses had not been received from the MECP. Copies of the responses will be forwarded to the client should any pertinent information regarding the Phase I ESA Properties be identified. Copies of the MECP FOI requests are appended to this report.

### **MECP Submissions**

A request was submitted to the MECP FOI office for information with respect to reports related to environmental conditions for the properties. At the time of issuing this report, responses had not been received from the MECP. Copies of the responses will be forwarded to the client should any pertinent information regarding the Phase I ESA Properties be identified. Copies of the MECP FOI request are appended to this report.

### **MECP Incident Reports**

A request was submitted to the MECP FOI office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MECP for the site or adjacent properties. At the time of issuing this report, responses had not been received from the MECP. Copies of the responses will be forwarded to the client should any pertinent information regarding the Phase I ESA Properties be identified. Copies of the MECP FOI requests are appended to this report.

### **MECP Waste Management Records**

A request was submitted to the MECP FOI office for information with respect to waste management records. At the time of issuing this report, responses had not been received from the MECP. Copies of the responses will be forwarded to the client should any pertinent information regarding the Phase I ESA Properties be identified. Copies of the MECP FOI requests are appended to this report.

### **MECP Coal Gasification Plant Inventory**

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



## **MECP 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.

## **MECP Brownfields Environmental Site Registry**

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment for the sites, neighbouring properties and the general area of the sites. No Records of Site Condition (RSCs) were filed for the Phase I ESA Properties or on properties 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 web site of the Ontario Ministry of Natural Resources (MNR). The search did not reveal any natural features or areas of natural significance within the Phase I Study Area.

## **Technical Standards and Safety Authority (TSSA)**

The TSSA Fuels Safety Branch in Toronto was contacted electronically to inquire about current and former underground storage tanks, spills, and incidents for the subject site and neighbouring properties. The response from the TSSA indicated that no relevant records were identified pertaining to the subject sites or the neighbouring properties. Copies of the correspondence with the TSSA are included in Appendix 2.

## **City of Ottawa Historical Land Use Inventory (HLUI) Database**

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

The search revealed no activities pertaining to the subject sites and surrounding properties. Copies of the City's responses are included in Appendix 2.

## Environmental Risk Information Services (ERIS) Report

### 444 Citigate Drive (Site 1)

An ERIS (Environmental Risk Information Service) Search Report, dated January 10, 2022, was obtained for the northern portion of Phase I ESA Property and properties within the Phase I Study Area.

According to the ERIS report, 15 records were identified as being part of the Phase I ESA Property, however, the locations of these records were identified on properties along Strandherd Drive and as such, are not on the Phase I ESA Property. It should be noted that the site area shown on the ERIS is slightly off.

The ERIS search identified several environmental records in the immediate area as well as double wall USTs associated with the Costco retail fuel outlet at 4313 Strandherd Drive, approximately 100 m northeast of the Phase I ESA Property. Based on the nature of these reports and/or the separation distance, the reports are not considered to represent issues or PCAs that would result in APECs on the Phase I ESA Property. A copy of the ERIS report is included in Appendix 2.

### 560 Dealership Drive (Site 2)

An ERIS (Environmental Risk Information Service) Search Report, dated November 12, 2020, was obtained for the southern portion of the Phase I ESA Property and properties within the Phase I Study Area.

According to the ERIS report, no records were identified pertaining to the subject property.

The ERIS search identified 10 records pertaining to properties located within a 300 m radius of the subject property. These off-site records are listed for properties situated at a significant distance away, or are situated in a down-gradient or cross-gradient orientation with respect to the subject site, and thus not considered to pose an environmental concern. 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. The review period dates back to the first available air photos for the site. Based on the review, the following observations have been made:

1945	The subject sites and surrounding lands appear as agricultural fields or undeveloped vacant lands.
1956	No significant changes have been made to the subject sites or surrounding lands.
1963	The subject sites and surrounding lands remain unchanged.
1976	No significant changes have been made to the subject site or surrounding lands.
1991	The subject sites and surrounding lands remain unchanged. Lands further east are developed with residential dwellings.
2002	No significant changes have been made to the subject sites or surrounding lands. Strandherd Drive and Highway 416 are present at this time.
2017	The subject sites remain unchanged from the previous photograph. Neighbouring lands to the north are occupied by commercial retail buildings and vacant land (Site 1). Several adjacent properties to Dealership Drive appear to be cleared in preparation for development (Site 2).
2021	The subject sites and surrounding lands remain unchanged from the previous photograph. The subject sites are as depicted today.

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

### **Topographic Maps**

Topographic maps were obtained from Natural Resources Canada – The Atlas of Canada website and from the City of Ottawa website. Regionally, the topographic maps indicated a downward slope in a southeasterly direction towards the Jock River. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

### **Physiographic Maps**

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

## **Geological Maps**

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, bedrock in the area consists of interbedded limestone and dolomite of the Gull River Formation. The site addressed 444 Citigate Drive (Site 1), consists of glacial till plains, organic deposits, Paleozoic bedrock, as well as deeper clay deposits on the eastern portion with a drift thickness of 0 to 15 m. The site addressed 560 Dealership Drive (Site 2), consists of glacial till plains, Paleozoic bedrock, as well as offshore clay and silt marine deposits with a drift thickness of 0 to 15 m.

## **Water Well Records**

A search of the MECP's web site for all drilled well records within 250 m of the subject site was conducted on January 13, 2022. The search did return two (2) well records – a domestic well drilled in 1958 and an abandoned well. Both wells were located 200 m away from the Phase I ESA Property.

Based on these well records, the regional stratigraphy consists of hardpan, followed by limestone bedrock. Bedrock was encountered at approximately 3.7 to 5.2 m below the existing ground. No other pertinent information was provided in these records. Copies of the well records are provided in Appendix 2.

## **Areas of Natural Significance**

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

## **Water Bodies**

There are no natural water bodies in the Phase I Study Area.

## **5.0 INTERVIEWS**

Mr. Stephen Martin of Colonnade Bridgeport was interviewed via email as part of this assessment regarding the 444 Citigate Drive (Site 1) property. According to Mr. Martin, the Phase I ESA Property has always existed as vacant land that has never been developed. Any other pertinent information obtained during the interview has been included in the relevant sections of this report.

Mr. Gordon Hill was interviewed via email as part of this assessment regarding the 560 Dealership Drive (Site 2) property. According to Mr. Hill, the subject site has never been developed and has only ever been used historically for agricultural purposes.

According to Mr. Hill, excess soil generated from the excavation of a nearby stormwater management pond (located on McKenna Casey Drive, approximately 270 m southeast) was imported and placed on the eastern portion of 560 Dealership Drive circa 2015 for grading purposes. Mr. Hill specified that the topsoil within a portion of his land was temporarily stripped to allow for the placement of excess soil, after which the topsoil was then replaced.

Mr. Hill was unaware of any potential environmental issues pertaining to the subject site as a result of any historical activities occurring on-site or as a result of activities occurring on any neighbouring properties.

It should be noted that the imported fill material originated from undeveloped agricultural fields within the same general area of the subject site. As a result, this fill material is considered to be reworked native soils and does not represent a potentially contaminating activity. Paterson did excavate test pits at 560 Dealership Drive as part of a concurrent geotechnical investigation, which confirmed that the fill material consisted entirely of soils with no identified deleterious substances or indications of contamination.

## **6.0 SITE RECONNAISSANCE**

### **6.1 General Requirements**

The site inspection was conducted for the subject sites on October 24, 2022. Weather conditions were sunny, with a temperature of approximately 20°C. Mr. Joshua Dempsey, from the Environmental Department of Paterson Group, conducted the inspections. In addition to the subject site, the uses of neighbouring properties within the Phase I study area were also assessed at the time of the site inspection.

### **6.2 Specific Observations at Phase I ESA Property**

#### **Existing Buildings and Structures**

##### 444 Citigate Drive (Site 1)

There are no buildings or structures present on the subject site.

##### 560 Dealership Drive (Site 2)

There are no buildings or structures present on the subject site.

## Site Features

### 444 Citigate Drive (Site 1)

The subject site exists as undeveloped vacant land that is largely covered in mature trees. The site is relatively flat and slightly below the grade of Citigate Drive. The regional topography slopes down in a southeasterly direction. Site drainage consists of infiltration only.

No evidence of current or former railway or spur lines was observed on the subject site at the time of the site visit.

No signs of an underground storage tank (UST) or above ground storage tank (AST) were noted at the time of the site visit. No areas of staining, stressed vegetation, unidentified substances, fill material or ponded water were observed on-site at this time.

### 560 Dealership Drive (Site 2)

The subject site is currently vacant and consists predominantly of grassland with occasional mature trees. The site topography slopes steeply down to the east. The regional topography appears to slope gently down to the south, in the general direction of the Jock River. Site drainage on the subject site occurs via infiltration. No ponded water was observed on-site at the time of the site inspection.

The subject sites are illustrated on Drawing PE5569-1A – Site Plan and Drawing PE5569-1B – Site Plan, appended to this report.

## Services and Utilities

The Phase I ESA Property exists as undeveloped vacant land and as such, underground services are not expected to be present on the subject sites. It is expected upon development, that the subject land will be municipally serviced.

## Potential Environmental Concerns

### **Fill Material**

According to the correspondence with Mr. Hill, excess soil generated from the excavation of a nearby stormwater management pond (approximately 270 m to the southeast of 560 Dealership Drive) was imported onto the subject property circa 2015 for grading purposes. Based on its local and native origins, this soil material is not considered to pose an environmental concern to the subject property.

## Neighbouring Properties

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

### 444 Citigate Drive (Site 1)

- North – Systemhouse Street and undeveloped land, followed by Costco;
- South – Auto Dealership, stormwater management pond and vacant land;
- East – Vacant land, followed by Strandherd Drive;
- West – Highway No. 416, followed by undeveloped vacant land.

### 560 Dealership Drive (Site 2)

- North – Vacant grassland and an automotive dealership and service garage, followed by dense treed land;
- South – Grassland and dense treed land, partially occupied with radio communication towers, followed by McKenna Casey Drive;
- East – An auto body shop, followed by a gravel parking lot and an automotive dealership and service garage;
- West – Highway No. 416, followed by agricultural land.

A retail fuel outlet was noted approximately 100m northeast of 444 Citigate Drive (Site 1) at Costco and automotive dealerships are located to the south, adjacent to 560 Dealership Drive (Site 2). Based on the separation distances and/or the relatively new development of these properties, these off-site PCAs are not considered to represent APECs on the Phase I ESA Property. Land use within the Phase I study area is shown on Drawings PE5569-2A – Surrounding Land Use Plan and Drawing PE5569-2B – Surrounding Land Use Plan, appended to this report.

## 7.0 REVIEW AND EVALUATION OF INFORMATION

### 7.1 Land Use History

Based on a review of available historical information, the subject sites have never been formally developed and have historically been used for agricultural purposes.

## **Potentially Contaminating Activities and Areas of Potential Environmental Concern**

### 444 Citigate Drive (Site 1)

No potentially contaminating activities (PCAs) were identified on the subject property.

Four (4) off-site PCAs were identified within the Phase I study area, however based on the recent construction, as well as their separation distances and/or cross-gradient orientation, these sites are not considered to have had the potential to impact the subject site.

### 560 Dealership Drive (Site 2)

No potentially contaminating activities (PCAs) were identified on the subject property.

Three (3) off-site PCAs were identified within the Phase I study area, however, based on their recent dates of construction (c. 2017-2019), as well as their separation distances and/or cross-gradient orientation, these sites are not considered to have had the potential to impact the subject site.

## **Contaminants of Potential Concern**

There are no APECs and as such, no contaminants of potential concern (CPCs) are present on the Phase I ESA Property.

## **7.2 Conceptual Site Model**

### **Geological and Hydrogeological Setting**

#### 444 Citigate Drive (Site 1)

Based on information from the Geological Survey of Canada mapping, drift thickness in the area of the subject property ranges between 0 to 15 m across the site, consisting of glacial till plains (western portion), Paleozoic bedrock (central portion), and deeper clay deposits (eastern portion). Bedrock in the area of the subject property consists of interbedded limestone and dolomite of the Gull River Formation.

#### 560 Dealership Drive (Site 2)

Based on information from the Geological Survey of Canada mapping, bedrock in the area of the subject property consists of interbedded limestone and dolomite of the Gull River Formation. The surficial geology consists of glacial till plains (western portion), Paleozoic bedrock (central portion), and offshore clay and silt



marine deposits (eastern portion). Drift thickness in the area of the subject property ranges between 0 to 15 m across the site.

### **Existing Buildings and Structures**

There are no buildings or structures present on the subject sites.

### **Subsurface Services and Utilities**

The subject sites exist as undeveloped vacant land and as such, underground services are not expected to be present on the properties. It is expected upon development, the subject lands will be municipally serviced.

### **Areas of Natural Significance**

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

### **Water Bodies**

There are no natural water bodies in the Phase I Study Area. The nearest named water body with respect to the subject sites is the Jock River, located approximately 1 km to the southwest.

### **Water Wells**

No potable water wells were reobserved on the Phase I ESA Properties, nor are there expected to be any as the subject lands have never been developed.

### **Neighbouring Land Use**

Neighbouring land use in the Phase I study area consists primarily of vacant lands with some commercial properties. Lands further to the northeast and east are occupied by a residential development. Land use is shown on Drawings PE5569-2A – Surrounding Land Use Plan and PE5569-2B – Surrounding Land Use Plan.

### **Potentially Contaminating Activities and Areas of Potential Environmental Concern**

As per Section 7.1 of this report, there are no PCAs that result in APECs on the Phase I ESA Properties.

### **Contaminants of Potential Concern**

As per Section 7.1, there are no Contaminants of Potential Concern (CPCs).

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## **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 that are considered to result in APECs on the Phase I ESA Properties.

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

### Assessment

Paterson Group was retained by Colonnade Bridgeport to conduct a Phase I Environmental Site Assessment (ESA) for the properties addressed 444 Citigate Drive (Site 1) and 560 Dealership Drive (Site 2), in the City of Ottawa, Ontario. The purpose of this Phase I-Environmental Site Assessment (Phase I-ESA) was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the subject property.

According to the historical research, the subject properties have always existed as vacant land used for agricultural purposes. Properties within the study area were undeveloped vacant land used for agricultural purposes as well until relatively recently (circa 2017), with development of commercial properties (automotive dealerships/service garages) along Dealership Drive. Lands to the north and east are occupied by commercial and residential developments, respectively. No historical potentially contaminating activities (PCAs) were identified on the subject property or properties within the study area.

Following the historical research, a site visit was conducted to assess the current use of the Phase I ESA Properties and the Phase I ESA study area. The Phase I ESA Properties exist as vacant treed and grasslands. Neighbouring lands are primarily occupied by commercial developments and agricultural fields with a residential development further northeast and east. No PCAs that would represent APECs were identified in the Phase I – ESA study area.

### Conclusions

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

## 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 by O.Reg. 269/11, and CSA Z768-01 (reaffirmed 2022). The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I - ESA are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

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

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

### Paterson Group Inc.



Joshua Dempsey, B.Sc.



Mark S. D'Arcy, P.Eng.



### Report Distribution:

- Colonnade Bridgeport (1 copy)
- Paterson Group (1 copy)

## 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 Inventory.

### **Municipal Records**

City of Ottawa Document “Old Landfill Management Strategy, Phase I - Identification of Sites.”, prepared by Golder Associates, 2004.

City of Ottawa Historical Land Use Inventory (HLUI) database

The City of Ottawa eMap website.

### **Local Information Sources**

Chain of Title obtained through Read Abstracts Limited, February 2014.

Current Plan of Survey, prepared by Webster & Simmonds Surveying Ltd. (2004)

Personal Interviews.

Previous Engineering Reports

### **Public Information Sources**

Google Earth.

Google Maps/Street View.

### **Private Information Sources**

ERIS Report.

# **FIGURES**

**FIGURE 1 – KEY PLAN**

**FIGURE 2 – TOPOGRAPHIC MAP**

**DRAWING PE5569-1A – SITE PLAN**

**DRAWING PE5569-1B – SITE PLAN**

**DRAWING PE5569-2A – SURROUNDING LAND USE PLAN**

**DRAWING PE5569-2B – SURROUNDING LAND USE PLAN**

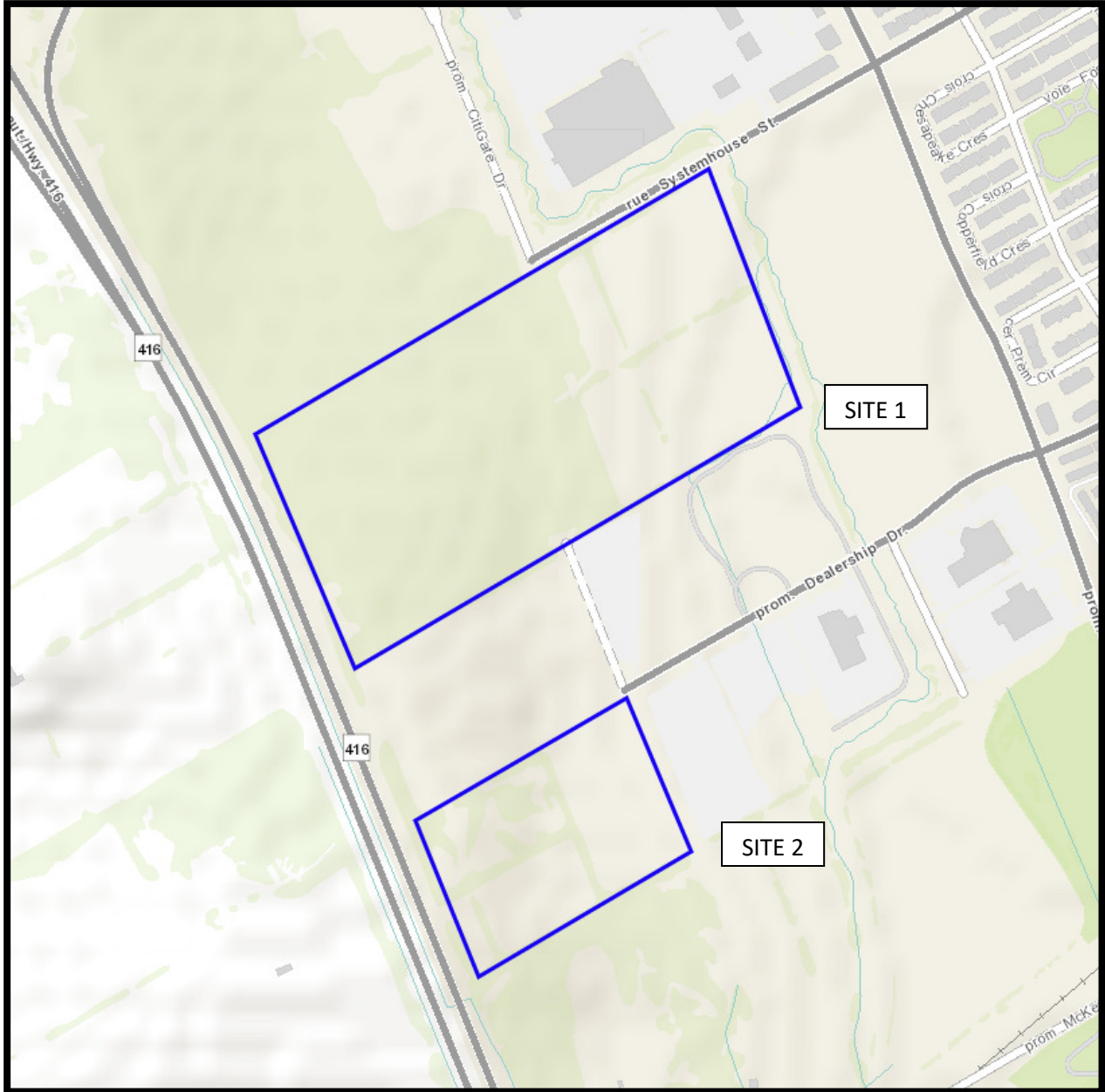


FIGURE 1  
**KEY PLAN**

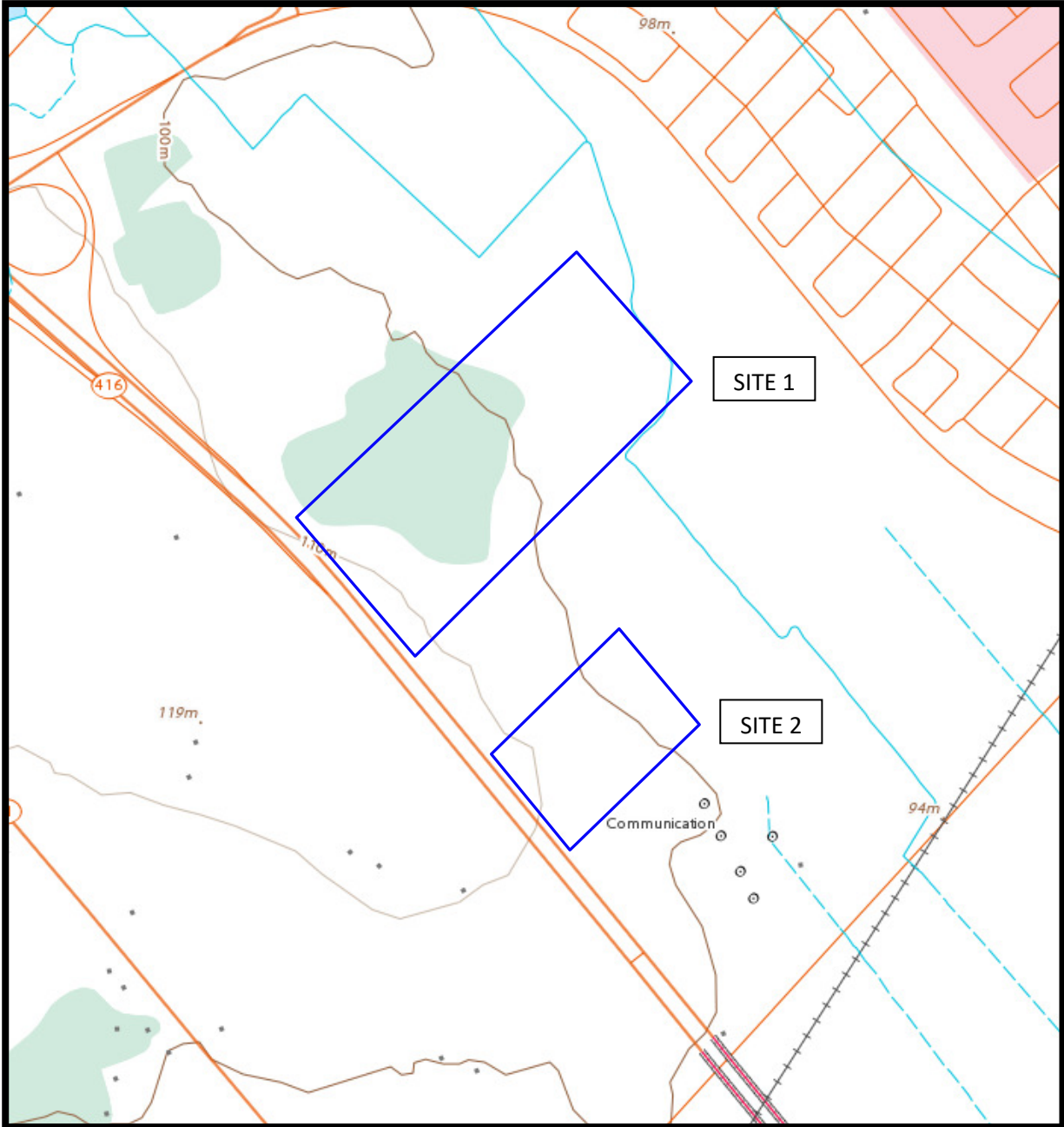
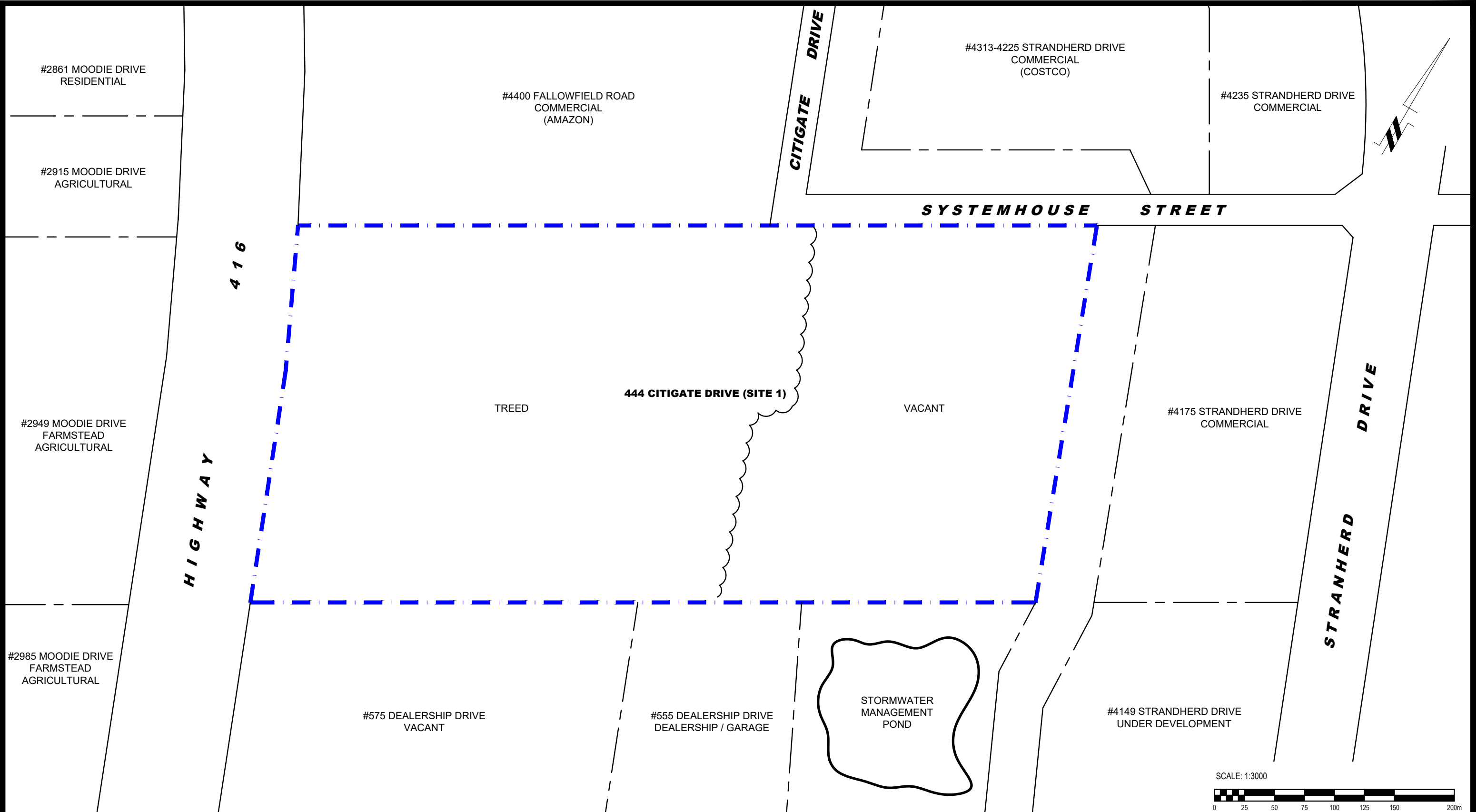


FIGURE 2  
TOPOGRAPHIC MAP





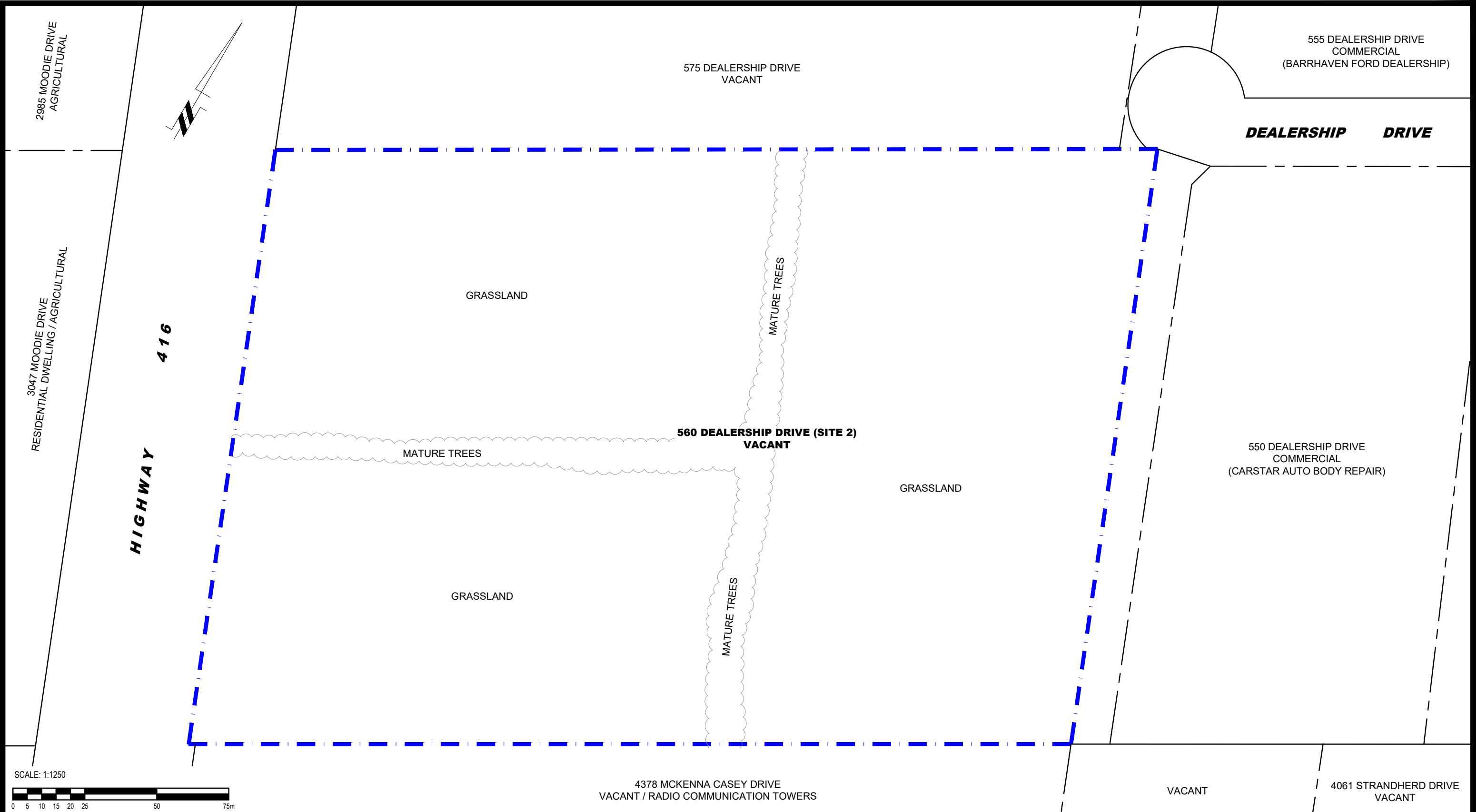
NO.	REVISIONS	DATE	INITIAL
0			

**COLONNADE BRIDGEPORT**  
**PHASE I - ENVIRONMENTAL SITE ASSESSMENT**  
**444 CITIGATE DRIVE (SITE 1)**

OTTAWA, ONTARIO

**SITE PLAN**

Scale:	1:3000	Date:	11/2022
Drawn by:	YA	Report No.:	PE5569-2
Checked by:	JD	Dwg. No.:	<b>PE5569-1A</b>
Approved by:	MSD	Revision No.:	



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

NO.	REVISIONS	DATE	INITIAL

**COLONNADE BRIDGEPORT**  
**PHASE I - ENVIRONMENTAL SITE ASSESSMENT**  
**560 DEALERSHIP DRIVE (SITE 2)**

OTTAWA, ONTARIO

**SITE PLAN**

Scale:	1:1250	Date:	11/2022
Drawn by:	YA	Report No.:	PE5569-2
Checked by:	JD	Dwg. No.:	<b>PE5569-1B</b>
Approved by:	MSD	Revision No.:	

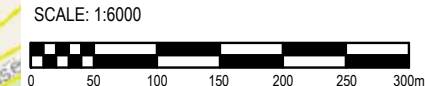
p:\autocad\drawings\environmental\pe5569\pe5569-1b-site\_plan.dwg



**PHASE I - ENVIRONMENTAL SITE ASSESSMENT STUDY AREA**

**POTENTIALLY CONTAMINATING ACTIVITIES:**

- 1. 4313-4225 STRANDHERD DRIVE - RETAIL FUEL OUTLET
- 2. 555 DEALERSHIP DRIVE - DEALERSHIP / GARAGE
- 3. 530 DEALERSHIP DRIVE - DEALERSHIP / GARAGE
- 4. 4125 STRANDHERD DRIVE - DEALERSHIP / GARAGE



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

NO.	REVISIONS	DATE	INITIAL

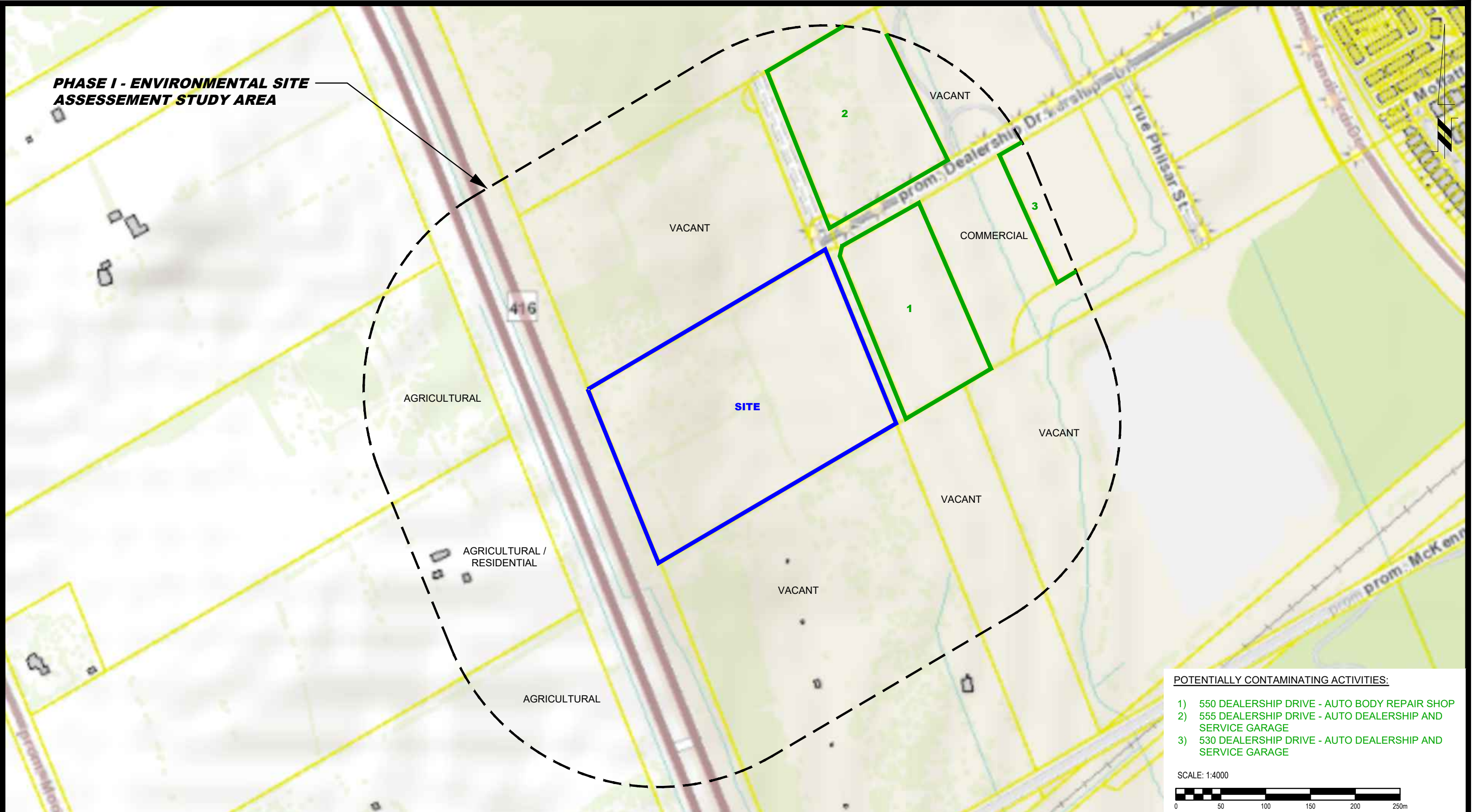
**COLONNADE BRIDGEPORT**  
**PHASE I - ENVIRONMENTAL SITE ASSESSMENT**  
**444 CITIGATE DRIVE (SITE 1)**

OTTAWA, ONTARIO

**SURROUNDING LAND USE PLAN**

Scale:	1:6000	Date:	11/2022
Drawn by:	MPG	Report No.:	PE5569-2
Checked by:	JD	Dwg. No.:	<b>PE5569-2A</b>
Approved by:	MSD	Revision No.:	

**PHASE I - ENVIRONMENTAL SITE ASSESSEMENT STUDY AREA**



- POTENTIALLY CONTAMINATING ACTIVITIES:**
- 1) 550 DEALERSHIP DRIVE - AUTO BODY REPAIR SHOP
  - 2) 555 DEALERSHIP DRIVE - AUTO DEALERSHIP AND SERVICE GARAGE
  - 3) 530 DEALERSHIP DRIVE - AUTO DEALERSHIP AND SERVICE GARAGE



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

NO.	REVISIONS	DATE	INITIAL

**COLONNADE BRIDGEPORT**  
**PHASE I - ENVIRONMENTAL SITE ASSESSEMENT**  
**560 DEALERSHIP DRIVE (SITE 2)**

OTTAWA, ONTARIO

Title: **SURROUNDING LAND USE PLAN**

Scale:	1:4000	Date:	11/2022
Drawn by:	YA	Report No.:	PE5569-2
Checked by:	JD	Dwg. No.:	<b>PE5569-2B</b>
Approved by:	MSD	Revision No.:	

p:\autocad\drawings\environmental\pe5569-2b-surrounding\_land\_use\_plan.dwg

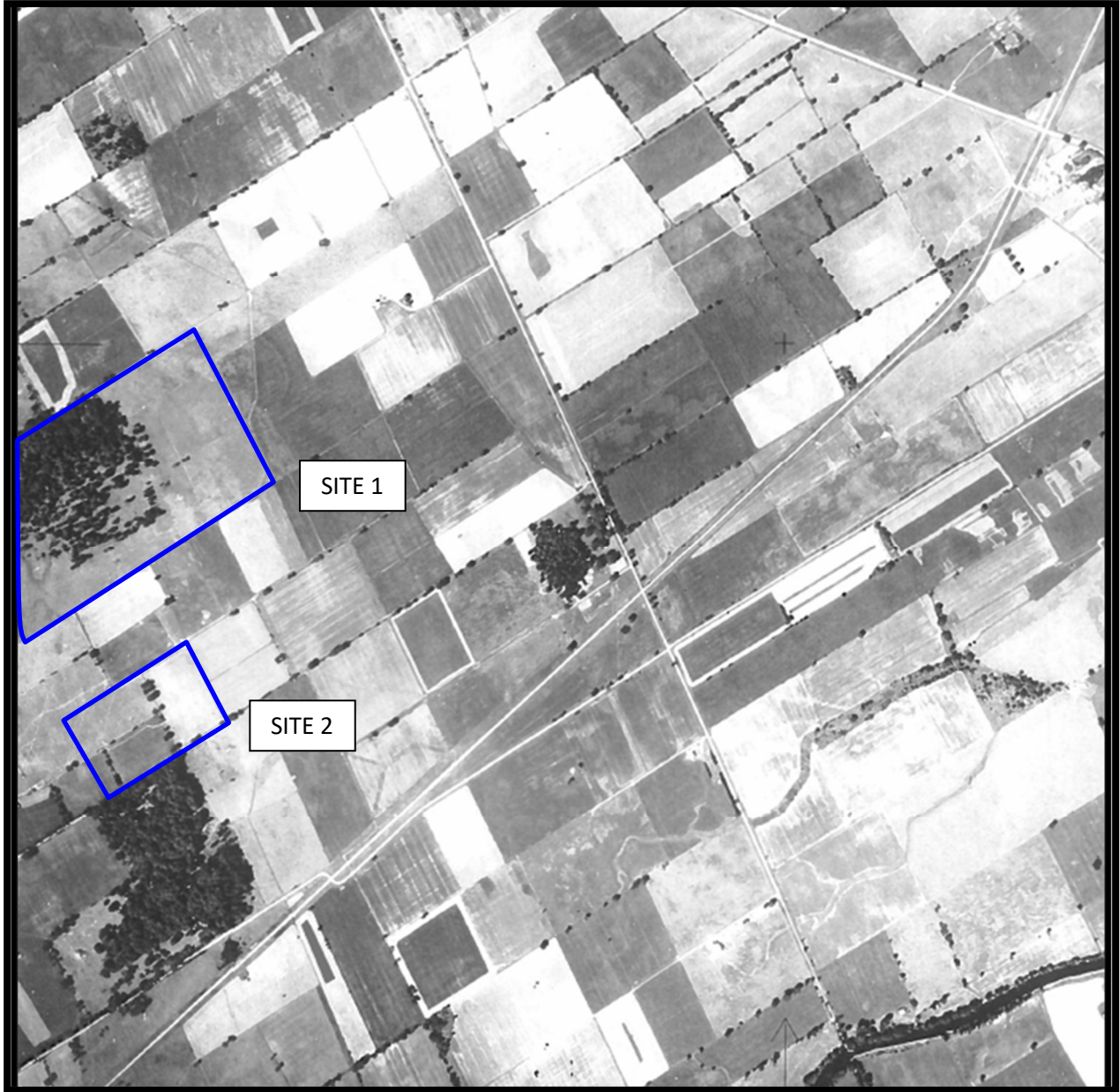
# **APPENDIX 1**

**AERIAL PHOTOGRAPHS**

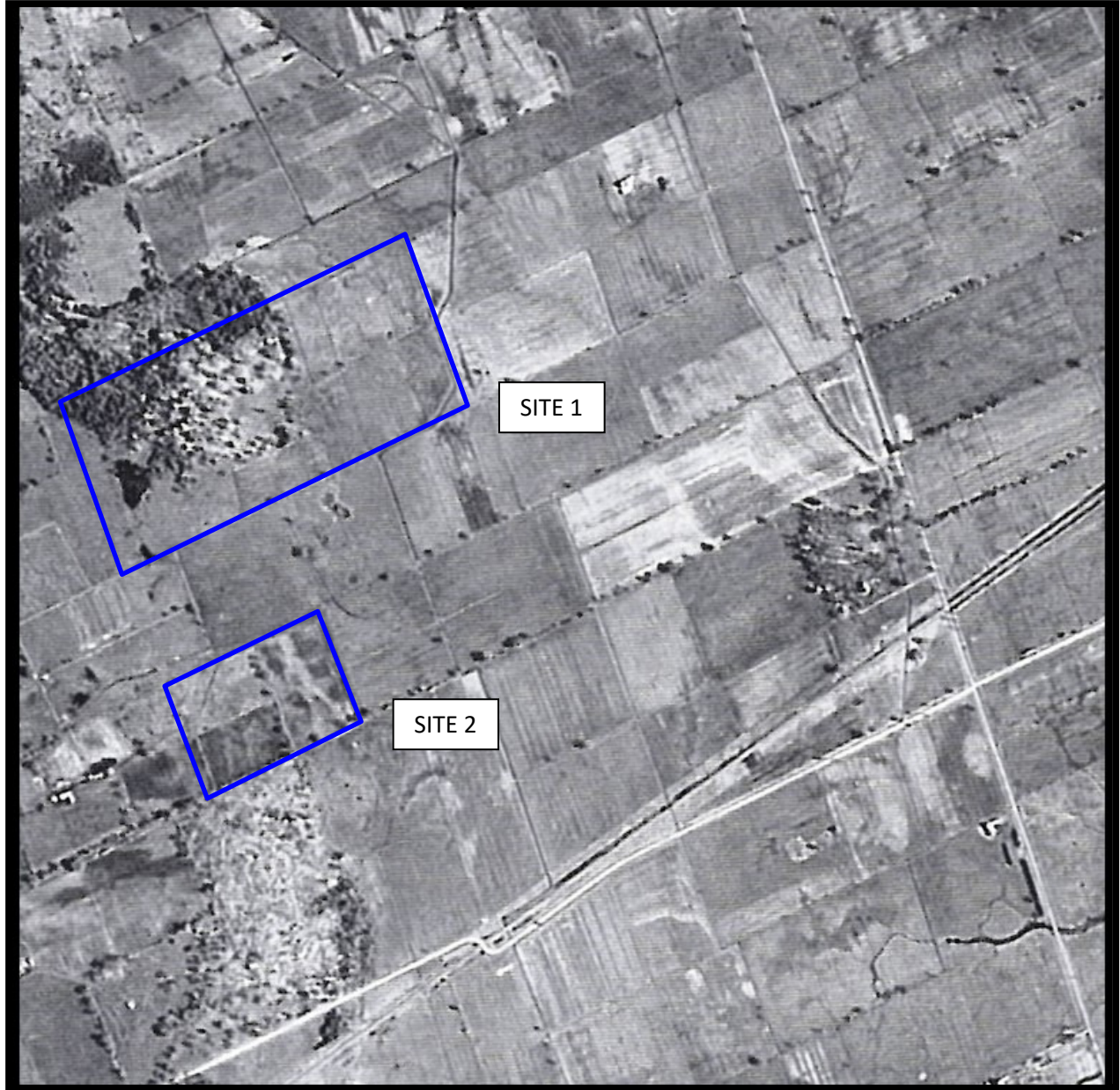
**SITE PHOTOGRAPHS**



AERIAL PHOTOGRAPH  
1945



AERIAL PHOTOGRAPH  
1956



AERIAL PHOTOGRAPH  
1963

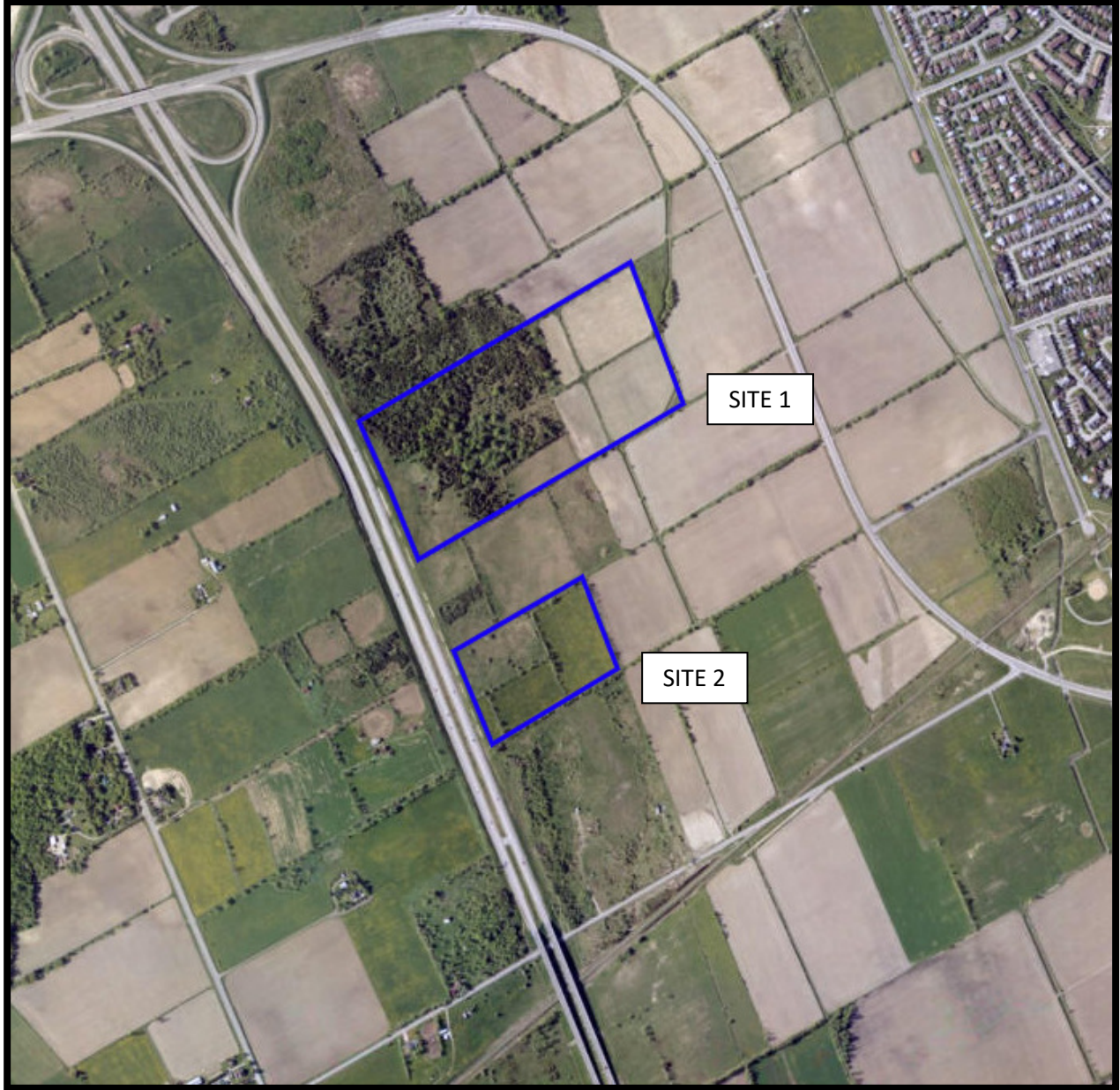




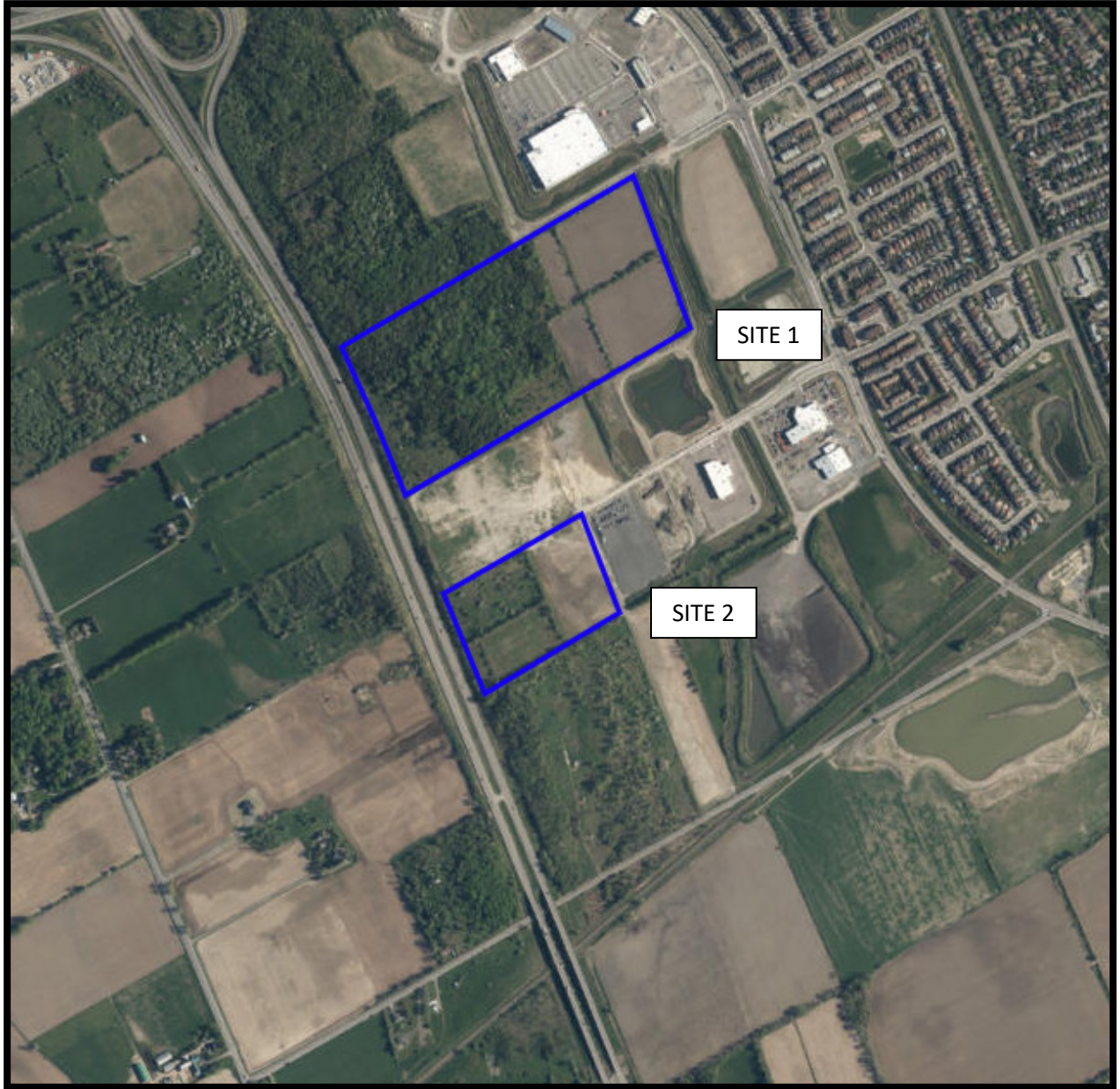
AERIAL PHOTOGRAPH  
1976



AERIAL PHOTOGRAPH  
1991



AERIAL PHOTOGRAPH  
2002



AERIAL PHOTOGRAPH  
2017



AERIAL PHOTOGRAPH  
2021

## Site Photographs

PE5569

444 Citigate Drive and 560 Dealership Drive – Ottawa, ON

October 24, 2022



Photograph 1: View of the eastern portion of 444 Citigate Drive (Site 1), looking southeast from Systemhouse Street



Photograph 2: View of the western portion of 444 Citigate Drive (Site 1), looking north from Dealership Drive.

## Site Photographs

PE5569

444 Citigate Drive and 560 Dealership Drive – Ottawa, ON

October 24, 2022



Photograph 3: Commercial property (Costco) located to the north of 444 Citigate Drive (Site 1), looking to the north from Systemhouse Street.



Photograph 4: View of 560 Dealership Drive (Site 2), looking southwest from Dealership Drive.

## Site Photographs

PE5569

444 Citigate Drive and 560 Dealership Drive – Ottawa, ON

October 24, 2022



Photograph 5: View of neighboring car dealership on Dealership Drive (Site 2), looking north from Dealership Drive.



Photograph 6: View of the adjacent automotive service shop on Dealership Drive (Site 2), looking south from Dealership Drive.



# **APPENDIX 2**

**MECP FREEDOM OF INFORMATION RESPONSES**

**MECP WELL RECORDS**

**TSSA CORRESPONDENCE**

**CITY OF OTTAWA HLUI SEARCH RESULTS**

**ERIS REPORTS**



## Freedom of Information Request

This form is for requesting documents which are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on completion and use of this form. Our fax no. is (416) 314-4285.

Requester Data			For Ministry Use Only	
Name, Company Name, Mailing Address and Email Address of Requester Nick Sullivan Paterson Group Inc. 154 Colonnade Road Ottawa, ON K2E 7J5 Email address: nsullivan@patersongroup.ca			FOI Request No. _____ Date Request Received _____  Fee Paid  <input type="checkbox"/> ACCT <input type="checkbox"/> CHQ <input type="checkbox"/> VISA/MC <input type="checkbox"/> CASH  <input type="checkbox"/> CNR <input type="checkbox"/> ER <input type="checkbox"/> NOR <input type="checkbox"/> SWR <input type="checkbox"/> WCR <input type="checkbox"/> SAC <input type="checkbox"/> IEB <input type="checkbox"/> EAA <input type="checkbox"/> EMR <input type="checkbox"/> SWA	
Telephone/Fax Nos. Tel.    613-226-7381 Fax    613-226-6344	Your Project/Reference No. PE5098	Signature/Print /Name of Requester Nick Sullivan		

Request Parameters
Municipal Address / Lot, Concession, Geographic Township ( <b>Municipal address essential for cities, towns or regions</b> ) <b>560 Dealership Drive; Part of Lot 17, Concession 4 (Rideau Front), Formerly the Township of Nepean, in the City of Ottawa, ON</b> Present Property Owner(s) and Date(s) of Ownership  Previous Property Owner(s) and Date(s) of Ownership  Present/Previous Tenant(s), (if applicable)

Search Parameters	Specify Year(s) Requested
<i>Files older than 2 years may require \$60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.</i>	
Environmental concerns (General correspondence, occurrence reports, abatement)	all
Orders	all
Spills	all
Investigations/prosecutions ➤ Owner <b>AND</b> tenant information must be provided	all
Waste Generator number/classes	all

Certificates of Approval ➤ Proponent information must be provided	
1985 and prior records are searched manually. <b>Search fees in excess of \$300.00</b> could be incurred, depending on the types and years to be searched. Specify Certificates of Approval number(s) (if known). <b>If supporting documents are also required, mark SD box</b> and specify type e.g. maps, plans, reports, etc.	
	SD      Specify Year(s) Requested
air - emissions	1986-present
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)	1986-present
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations	1986-present
waste water - industrial discharges	1986-present
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites	1986-present
waste systems - PCB destruction, mobile waste processing units, haulers: sewage, non-hazardous & hazardous waste	1986-present
pesticides - licenses	1986-present

A \$5.00 non-refundable application fee, payable to the Minister of Finance, is mandatory. The cost of locating on-site and/or preparing any record is \$30.00/hour and 20 cents/page for photocopying and you will be contacted for approval for fees in excess of \$30.00.

Easting: 438194.00  
Northing: 5013058.00

---

### Municipal Plan and Sublot Number

---

Other

---

## Overburden and Bedrock Materials Interval

General Colour	Most Common Material	Other Materials	General Description	Depth From	Depth To
BRWN	HPAN	BLDR		0 m	3.66 m
GREY	LMSN	LYRD		3.66 m	52.43 m

---

## Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
6.25 m	0 m	CEMENT AND BENTONITE	

---

## Method of Construction & Well Use

Method of Construction	Well Use
Air Percussion	
	Not Used

---

## Status of Well

Observation Wells

## Construction Record - Casing

Inside Diameter	Open Hole or material	Depth From	Depth To
15.88 cm	STEEL	-0.61 m	6.25 m
	OPEN HOLE	6.25 m	52.43 m

---

# Construction Record - Screen

Outside Diameter	Material	Depth From	Depth To
------------------	----------	------------	----------

---

---

---

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7148

## Results of Well Yield Testing

After test of well yield, water was

---

If pumping discontinued, give reason

---

Pump intake set at

---

Pumping Rate

---

Duration of Pumping

---

Final water level

---

If flowing give rate

---

Recommended pump depth

---

Recommended pump rate

---

Well Production

---

Disinfected? N

---

## Draw Down & Recovery

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

---

SWL

---

1		1	
---	--	---	--

---

2		2	
---	--	---	--

---

3		3	
---	--	---	--

---

4		4	
---	--	---	--

---

5	5
10	10
15	15
20	20
25	25
30	30
40	40
45	45
50	50
60	60

## Water Details

**Water Found at Depth Kind**


## Hole Diameter

**Depth Depth Diameter  
From To**

0 m	6.25 m	22.53 cm
6.25 m	52.43 m	15.23 cm

**Audit Number:** Z54869

**Date Well Completed:** November 26, 2003

**Date Well Record Received by MOE:** April 25, 2007

## Related

[How to use a Ministry of the Environment map \(/page/how-use-ministry-environment-map#wells\)](/page/how-use-ministry-environment-map#wells)

Technical documentation: Metadata record (<https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77>)

Updated: October 18, 2021

Published: March 20, 2014

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[about Ontario \(https://www.ontario.ca/page/about-ontario\)](https://www.ontario.ca/page/about-ontario)

[accessibility \(https://www.ontario.ca/page/accessibility\)](https://www.ontario.ca/page/accessibility)

[news \(http://news.ontario.ca/newsroom/en\)](http://news.ontario.ca/newsroom/en)

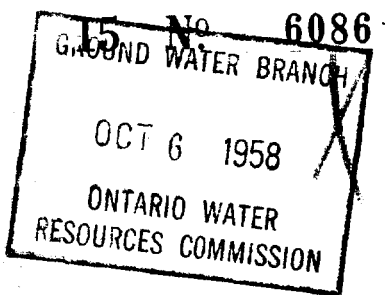
[privacy \(https://www.ontario.ca/page/privacy-statement\)](https://www.ontario.ca/page/privacy-statement)

[terms of use \(https://www.ontario.ca/page/terms-use\)](https://www.ontario.ca/page/terms-use)

[© Queen's Printer for Ontario, 2012–22 \(https://www.ontario.ca/page/copyright-information-c-queens-printer-ontario\)](https://www.ontario.ca/page/copyright-information-c-queens-printer-ontario)

UTM <sup>742</sup> 118 2 4131718115 E  
 15 R 151011211410 N  
 Elev. 141 0' 2810 Front  
 Basin E 5  
 Lot 18

31G5c



The Water-well Drillers Act, 1954  
 Department of Mines

# Water-Well Record

County or Territorial District Carleton Township, Village, Town or City Nepean  
 Con. 4th Lot 18 Street and Number (if in Village, Town or City)  
 Owner [Redacted] Address Fallowfield  
 Date completed 6 Sept 58  
 (month) (year)

## Pipe and Casing Record

## Pumping Test

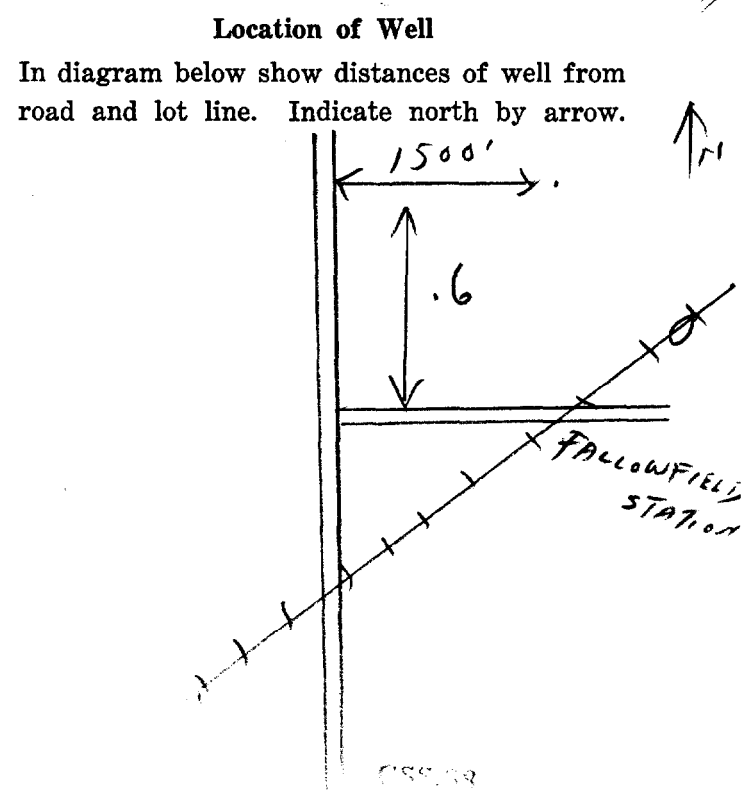
Casing diameter (s) <u>5"</u>	Static level <u>32'</u>
Length (s) <u>36'</u>	Pumping rate <u>300 G.P.H.</u>
Type of screen	Pumping level <u>35'</u>
Length of screen	Duration of test <u>1/2 hr.</u>

## Well Log

## Water Record

Overburden and Bedrock Record	From ft.	To ft.	Depth (s) at which water (s) found	No. of feet water rises	Kind of water (fresh, salty, or sulphur)
<u>Gravelly Hardpan</u> <u>limestone rock</u>	<u>0</u> <u>17</u>	<u>17</u> <u>55</u>	<u>46'</u>	<u>14'</u>	<u>fresh</u>

For what purpose(s) is the water to be used? house  
 Is water clear or cloudy? clear  
 Is well on upland, in valley, or on hillside? hillside  
 Drilling firm  
 Address  
 Name of Driller Ben E Sparks  
 Address  
 Licence Number 420  
 I certify that the foregoing statements of fact are true.  
 Date Sept 27/58 Ben E Sparks  
 Signature of Licensee



## Mandy Witteman

---

**From:** Public Information Services <publicinformationsservices@tssa.org>  
**Sent:** January 13, 2022 3:16 PM  
**To:** Mandy Witteman  
**Subject:** RE: Search records request (PE5569)

**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](mailto: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](mailto:publicinformationsservices@tssa.org)

[www.tssa.org](http://www.tssa.org)



---

**From:** Mandy Witteman <MWitteman@patersongroup.ca>  
**Sent:** January 13, 2022 12:05 PM  
**To:** Public Information Services <publicinformationsservices@tssa.org>  
**Subject:** Search records request (PE5569)

**[CAUTION]:** This email originated outside the organisation.

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

Good afternoon

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



Strandherd Dr: 4149, 4175, 4225, 4235  
Fallowfield Dr: 4400  
Citigate Dr: 100  
Dealership Drive: 575, 555, 535

Thank you

Cheers,

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

**paterongroup**

**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

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## Nick Sullivan

---

**From:** Public Information Services <publicinformationsservices@tssa.org>  
**Sent:** November 9, 2020 1:58 PM  
**To:** Nick Sullivan  
**Subject:** RE: Records Search Request (PE5098)

**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 (FUEL STORAGE TANKS ONLY)**

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](mailto: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,

Gaya

---

**From:** Nick Sullivan <nsullivan@Patersongroup.ca>  
**Sent:** November 9, 2020 12:14 PM  
**To:** Public Information Services <publicinformationsservices@tssa.org>  
**Subject:** Records Search Request (PE5098)

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

Good afternoon,

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

Dealership Drive: 530, 540, 550, 555, 560, 575;  
McKenna Casey Drive: 4378.

Thank you very much!

Nick Sullivan, B.Sc.

**patersongroup**  
solution oriented engineering

**over 60 years serving our clients**

154 Colonnade Road South  
Ottawa, Ontario, K2E 7J5  
Tel: (613) 226-7381 Ext. 208  
Cell: (613) 913-3608

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File Number: D06-03-22-0027

February 28, 2022

Mandy Witteman  
Paterson Group

*Sent via email [Mwitteman@patersongroup.ca]*

Dear Mandy,

**Re: Information Request  
444 Citigate Drive, Ottawa, Ontario (“Subject Property”)**

**Internal Department Circulation:**

The Planning, Infrastructure and Economic Development Department has the following information in response to your request for information regarding the Subject Property:

- No information was returned on the Subject Property from Departmental circulation.

**Documents Provided:**

**HLUI Summary Report and HLUI Map**

The HLUI Summary Report Excel spreadsheet identifies HLUI area, point and line features within 250 metres of the Subject Property, as shown on the provided HLUI Map PDF. Within 500 metres of the Subject Property, landfills and Environmental Risk Management Area (ERMA) are also identified if applicable.

**Additional information may be obtained by contacting:**

**Ontario’s Environmental Registry**

The Environmental Registry found at <https://ero.ontario.ca/> contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using key words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

**The Ontario Land Registry Office**

Registration of real property is recorded in the Ontario Land Registry Office through the Land Titles Act or the Registry Act. Documents relating to title and other agreements that may affect your property are available to the public for a fee. It is recommended that a property search at the Land Registry Office be included in any investigation as to the historic use of your property. The City of Ottawa cannot comment on any documents to which it is not a party.

Court House  
161 Elgin Street 4th Floor  
Ottawa ON K2P 2K1  
Tel: (613) 239-1230  
Fax: (613) 239-1422

**Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database 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.**

**Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.**

**Please note that in responding to your request, the City of Ottawa does not guarantee or comment on the environmental condition of the Subject Property. You may wish to contact the Ontario Ministry of Environment and Climate Change for additional information.**

If you have any further questions or comments, please contact [HLUI@ottawa.ca](mailto:HLUI@ottawa.ca).

Sincerely,

Amya Martinov  
Student Planner

Per:

Michael Boughton, MCIP, RPP  
Senior Planner  
Development Review East  
Planning Services

Planning, Infrastructure and Economic Development Department

MB / AM

Enclosures: (2)

1. HLUI Map
2. HLUI Summary Report

cc: File no. D06-03-22-0027



File Number: D06-03-20-0197

January 12, 2021

N. Sullivan  
Paterson Group Inc.  
154 Colonnade Road South,  
Ottawa, ON, K2E 7J5

*Sent via email [nsullivan@patersongroup.ca]*

Dear Mr. Sullivan,

**Re: Information Request**  
560 Dealership Drive, **Ottawa, Ontario (“Subject Property”)**

**Internal Department Circulation**

The Planning, Infrastructure and Economic Development Department has the following information in response to your request for information regarding the Subject Property:

- No information was returned on the Subject Property from Departmental

**Search of Historical Land Use Inventory**

**This acknowledges receipt of the signed Disclaimer regarding your request for information from the City’s Historical Land Use Inventory (HLUI 2005) database for the Subject Property.**

A search of the HLUI database revealed the following information:

- There are no activities associated with the Subject Property.

The HLUI database was also searched for activity associated with properties located within 250m of the Subject Property. The search revealed the following:

- There are no activities associated with properties located within 250m of the Subject Property.

Please note that certain activities have been identified to have a PIN Certainty of “2”. This identifier acknowledges that there is some uncertainty about the exact location of the land use activity and that the activity may or may not have been located on the property. All

*Shaping our future together*  
*Ensemble, formons notre avenir*

City of Ottawa  
Planning, Infrastructure and Economic  
Development Department

110 Laurier Avenue West, 4th Floor  
Ottawa, ON K1P 1J1  
Tel: (613) 580-2424 ext. 21690  
Fax: (613) 560-6006  
www.ottawa.ca

Ville d'Ottawa  
Services de la planification, de l'infrastructure et  
du développement économique

110, avenue Laurier Ouest, 4e étage  
Ottawa (Ontario) K1P 1J1  
Tél.: (613) 580-2424 ext. 21690  
Télééc: (613) 560-6006  
www.ottawa.ca

database entries with a PIN Certainty of “2” require independent verification as to their precise location.

A **site map** and **table** have been included to show the location of the Subject Property as well as the location of all the activities noted above, including the HLUI database’s location of the Activity Numbers with a PIN Certainty of “2”.

Additional information may be obtained by contacting:

### **Ontario’s Environmental Registry**

The Environmental Registry found at <http://www.ebr.gov.on.ca/ERS-WEB-External/> contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using keys words i.e. name of proponent/owner and the address one can ascertain if there is any information on the proponent and address under the following categories: Ministry, keywords, notice types, Notice Status, Acts, Instruments and published date (all years).

### **The Ontario Land Registry Office**

Registration of real property is recorded in the Ontario Land Registry Office through the Land Titles Act or the Registry Act. Documents relating to title and other agreements that may affect your property are available to the public for a fee. It is recommended that a property search at the Land Registry Office be included in any investigation as to the historic use of your property. The City of Ottawa cannot comment on any documents to which it is not a party.

Court House  
161 Elgin Street 4th Floor  
Ottawa ON K2P 2K1  
Tel: (613) 239-1230  
Fax: (613) 239-1422

**Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database 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.**

**Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any**



**purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.**

**Please note that in responding to your request, the City of Ottawa does not guarantee or comment on the environmental condition of the Subject Property. You may wish to contact the Ontario Ministry of Environment and Climate Change for additional information.**

If you have any further questions or comments, please contact Insert Your Name at 613-580-2424 ext. 23493 or [HLUI@ottawa.ca](mailto:HLUI@ottawa.ca)

Sincerely,

A handwritten signature in black ink, appearing to read "Sarah Ezzio". The signature is written in a cursive, flowing style.

Sarah Ezzio

Per:

Michael Boughton, MCIP, RPP  
Senior Planner  
Development Review East  
Planning Services  
Planning, Infrastructure and Economic Development Department



**Address:** 560 Dealership Drive  
Ottawa, ON

**File No.:** D06-03-20-0197

**Prepared By:** Sarah Ezzio

**Legend:** 00 Area Number  
Subject Site

250 m Buffer

**Scale:** 1 : N/A



---

# DATABASE REPORT

**Project Property:** *PE5569 - Citigate at Systemhouse  
PE5569 - Citigate at Systemhouse  
Ottawa ON K2J*

**Project No:** *33599*

**Report Type:** *Quote - Custom-Build Your Own Report*

**Order No:** *22010500018*

**Requested by:** *Paterson Group Inc.*

**Date Completed:** *January 10, 2022*

# Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	6
Executive Summary: Site Report Summary - Surrounding Properties.....	8
Executive Summary: Summary By Data Source.....	11
Map.....	17
Aerial.....	18
Topographic Map.....	19
Detail Report.....	20
Unplottable Summary.....	49
Unplottable Report.....	52
Appendix: Database Descriptions.....	109
Definitions.....	118

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# Executive Summary

## **Property Information:**

**Project Property:** PE5569 - Citigate at Systemhouse  
PE5569 - Citigate at Systemhouse Ottawa ON K2J

**Project No:** 33599

## **Order Information:**

**Order No:** 22010500018  
**Date Requested:** January 5, 2022  
**Requested by:** Paterson Group Inc.  
**Report Type:** Quote - Custom-Build Your Own Report

## **Historical/Products:**

## Executive Summary: Report Summary

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.25km</b>	<b>Total</b>
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 &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	1	1
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	1	1	2
EBR	<i>Environmental Registry</i>	Y	0	1	1
ECA	<i>Environmental Compliance Approval</i>	Y	7	5	12
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	2	3	5
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries &amp; 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	4	0	4
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	11	11
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	1	1

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.25km</b>	<b>Total</b>
IAFT	<i>Indian &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0
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 &amp; Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense &amp; Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence &amp; 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	2	2
PINC	<i>Pipeline Incidents</i>	Y	0	1	1
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	0	0
SPL	<i>Ontario Spills</i>	Y	0	2	2
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	1	1	2
<b>Total:</b>			15	29	44

## 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>
<a href="#">1</a>	ECA	DCR/Phoenix Development Corporation Limited	Lot Part 18 & 19, Conc. 4 Ottawa ON K2E 6T8	SW/0.0	0.92	<a href="#">20</a>
<a href="#">1</a>	ECA	Claridge Homes (Strandherd) Inc.	Ottawa ON	SW/0.0	0.92	<a href="#">20</a>
<a href="#">1</a>	ECA	Claridge Homes (Strandherd) Inc.	Ottawa ON	SW/0.0	0.92	<a href="#">20</a>
<a href="#">2</a>	WWIS		lot 18 con 4 ON  <i>Well ID:</i> 1520743	SW/0.0	2.00	<a href="#">21</a>
<a href="#">3</a>	ECA	Montrin Uniform Strandherd GP Inc.	4225 Strandherd Dr Ottawa ON K2P 0R6	NNE/0.0	-1.00	<a href="#">24</a>
<a href="#">3</a>	ECA	Montrin Uniform Strandherd GP Inc.	4225 Strandherd Dr Ottawa ON K2P 0R6	NNE/0.0	-1.00	<a href="#">24</a>
<a href="#">3</a>	EHS		4225 Strandherd Dr Ottawa ON K2J0L2	NNE/0.0	-1.00	<a href="#">24</a>
<a href="#">3</a>	ECA	Montrin Uniform Strandherd GP Inc.	4225 Strandherd Dr Ottawa ON K2P 0R6	NNE/0.0	-1.00	<a href="#">25</a>



<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev diff (m)</b>	<b>Page Number</b>
<a href="#"><u>3</u></a>	ECA	Costco Wholesale Canada Ltd.	4225 Strandherd Dr Ottawa ON K2E 1C5	NNE/0.0	-1.00	<a href="#"><u>25</u></a>
<a href="#"><u>3</u></a>	EHS		4225 Strandherd Dr Ottawa ON K2J6E5	NNE/0.0	-1.00	<a href="#"><u>25</u></a>
<a href="#"><u>4</u></a>	EASR	STRANDHERD ROAD INC.	ON	NE/0.0	-2.00	<a href="#"><u>25</u></a>
<a href="#"><u>5</u></a>	FST	COSTCO WHOLESALE CANADA LTD.	4313 STRANDHERD DR NEPEAN K2J 6E5 ON CA ON	NE/0.0	-2.00	<a href="#"><u>26</u></a>
<a href="#"><u>5</u></a>	FST	COSTCO WHOLESALE CANADA LTD.	4313 STRANDHERD DR NEPEAN K2J 6E5 ON CA ON	NE/0.0	-2.00	<a href="#"><u>26</u></a>
<a href="#"><u>5</u></a>	FST	COSTCO WHOLESALE CANADA LTD.	4313 STRANDHERD DR NEPEAN K2J 6E5 ON CA ON	NE/0.0	-2.00	<a href="#"><u>27</u></a>
<a href="#"><u>5</u></a>	FST		4313 STRANDHERD DR NEPEAN ON K2J 6E5	NE/0.0	-2.00	<a href="#"><u>27</u></a>

## Executive Summary: Site Report Summary - Surrounding Properties

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">6</a>	PES	COSTCO WHOLESALE CANADA LTD.	4315 STRANDHERD DR OTTAWA ON K2J6E5	N/72.8	-1.00	<a href="#">28</a>
<a href="#">6</a>	GEN	COSTCO WHOLESALE #1263 Barrhaven	4315 Strandherd dr Nepean ON K2J 6E5	N/72.8	-1.00	<a href="#">28</a>
<a href="#">6</a>	GEN	COSTCO WHOLESALE #1263 Barrhaven	4315 Strandherd dr Nepean ON K2J 6E5	N/72.8	-1.00	<a href="#">29</a>
<a href="#">6</a>	SPL	Costco Wholesale Canada Ltd.	4315 Strandherd Drive Ottawa ON K2J 6E5	N/72.8	-1.00	<a href="#">30</a>
<a href="#">6</a>	GEN	COSTCO WHOLESALE #1263 Barrhaven	4315 Strandherd dr Nepean ON K2J 6E5	N/72.8	-1.00	<a href="#">31</a>
<a href="#">6</a>	PES		4315 STRANDHERD DR OTTAWA ON K2J 6E5	N/72.8	-1.00	<a href="#">32</a>
<a href="#">7</a>	GEN	Broccolini Construction	200 Citigate Dr Ottawa ON K2J 6K7	NNW/85.4	0.00	<a href="#">32</a>
<a href="#">8</a>	EHS		4255 Strandherd Dr Ottawa ON K2J6E5	NE/87.4	-2.00	<a href="#">32</a>
<a href="#">9</a>	ECA	Strandherd Road Inc.	Strandherd Drive and Systemhouse Street Ottawa ON K2C 0P9	ENE/116.0	-2.00	<a href="#">33</a>
<a href="#">10</a>	EBR	Zena Investment Corporation	4149 Strandherd Drive Ottawa, ON Canada ON	E/116.3	-3.20	<a href="#">33</a>
<a href="#">10</a>	ECA	Zena Investment Corporation	4149 Strandherd Dr Ottawa ON K2C 0A6	E/116.3	-3.20	<a href="#">33</a>
<a href="#">11</a>	EHS		4225-4345 strandherd drive Nepean ON K2J 5P8	NNE/129.5	-2.00	<a href="#">34</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">12</a>	ECA	Python GP Inc.	222 Citigate Dr Ottawa ON K2J 6K7	WNW/147.7	4.05	<a href="#">34</a>
<a href="#">12</a>	GEN	Amazon Canada Fulfillment Services, ULC YOW3	222 Citigate Drive Ottawa ON K2J6K7	WNW/147.7	4.05	<a href="#">34</a>
<a href="#">13</a>	WWIS		LAFARGE QUARRY - MOODIE DR lot 26 con 5 NEPEAN FALLOW FIELD ON <b>Well ID:</b> 7043018	NW/153.4	1.00	<a href="#">37</a>
<a href="#">14</a>	BORE		ON	W/163.6	12.69	<a href="#">40</a>
<a href="#">15</a>	EHS		222 Citigate Dr Barrhaven ON K2J 6K7	WNW/178.9	2.69	<a href="#">41</a>
<a href="#">16</a>	EASR	CLARIDGE HOMES (GLADSTONE) LIMITED PARTNERSHIP	164 Maravista DR Ottawa ON K2J 5R3	ENE/193.6	-2.00	<a href="#">41</a>
<a href="#">17</a>	GEN	Value Village	4345 Strandherd Drive Store #2147 Ottawa ON K2J 6E5	N/198.7	-1.00	<a href="#">41</a>
<a href="#">17</a>	GEN	Value Village	4345 Strandherd Drive Store #2147 Ottawa ON K2J 6E5	N/198.7	-1.00	<a href="#">43</a>
<a href="#">17</a>	GEN	Value Village	4345 Strandherd Drive Store #2147 Ottawa ON K2J 6E5	N/198.7	-1.00	<a href="#">44</a>
<a href="#">18</a>	ECA	Strandherd Road Inc.	4337 Strandherd Dr Ottawa ON K2C 0P9	NNE/227.5	-0.43	<a href="#">45</a>
<a href="#">19</a>	ECA	2472099 Ontario Inc.	555 Dealership Drive Ottawa ON K2E 1A3	SE/242.0	-4.00	<a href="#">46</a>
<a href="#">20</a>	HINC		303 COPPERFIELD CRESCENT OTTAWA ON	ENE/243.6	-3.00	<a href="#">46</a>

<b>Map Key</b>	<b>DB</b>	<b>Company/Site Name</b>	<b>Address</b>	<b>Dir/Dist (m)</b>	<b>Elev Diff (m)</b>	<b>Page Number</b>
<a href="#">21</a>	PINC		25 Chesapeake Crescent, Ottawa ON	ENE/244.8	-2.00	<a href="#">46</a>
<a href="#">22</a>	SPL	Tomlinson Environmental Services Ltd.	Dealership Dr and Philsar street Ottawa ON	ESE/245.6	-3.00	<a href="#">47</a>
<a href="#">23</a>	GEN	Dr.Irina Smirnova Professional Dentistry Corp	240 Kennevale drive, Unit 104 Ottawa ON K2J 6B6	E/245.7	-4.00	<a href="#">47</a>
<a href="#">23</a>	GEN	Dr.Irina Smirnova Professional Dentistry Corp	240 Kennevale drive, Unit 104 Ottawa ON K2J 6B6	E/245.7	-4.00	<a href="#">48</a>
<a href="#">23</a>	GEN	Dr.Irina Smirnova Professional Dentistry Corp	240 Kennevale drive, Unit 104 Ottawa ON K2J 6B6	E/245.7	-4.00	<a href="#">48</a>

# Executive Summary: Summary By Data Source

## **BORE - Borehole**

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

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	ON	163.6	<a href="#">14</a>

## **EASR - Environmental Activity and Sector Registry**

A search of the EASR database, dated Oct 2011- Oct 31, 2021 has found that there are 2 EASR site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
STRANDHERD ROAD INC.	ON	0.0	<a href="#">4</a>
CLARIDGE HOMES (GLADSTONE) LIMITED PARTNERSHIP	164 Maravista DR Ottawa ON K2J 5R3	193.6	<a href="#">16</a>

## **EBR - Environmental Registry**

A search of the EBR database, dated 1994 - Nov 30, 2021 has found that there are 1 EBR site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Zena Investment Corporation	4149 Strandherd Drive Ottawa, ON Canada ON	116.3	<a href="#">10</a>

## **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011- Oct 31, 2021 has found that there are 12 ECA site(s) within approximately 0.25 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Claridge Homes (Strandherd) Inc.	Ottawa ON	0.0	<a href="#"><u>1</u></a>
Claridge Homes (Strandherd) Inc.	Ottawa ON	0.0	<a href="#"><u>1</u></a>
DCR/Phoenix Development Corporation Limited	Lot Part 18 & 19, Conc. 4 Ottawa ON K2E 6T8	0.0	<a href="#"><u>1</u></a>
Costco Wholesale Canada Ltd.	4225 Strandherd Dr Ottawa ON K2E 1C5	0.0	<a href="#"><u>3</u></a>
Montrin Uniform Strandherd GP Inc.	4225 Strandherd Dr Ottawa ON K2P 0R6	0.0	<a href="#"><u>3</u></a>
Montrin Uniform Strandherd GP Inc.	4225 Strandherd Dr Ottawa ON K2P 0R6	0.0	<a href="#"><u>3</u></a>
Montrin Uniform Strandherd GP Inc.	4225 Strandherd Dr Ottawa ON K2P 0R6	0.0	<a href="#"><u>3</u></a>
Strandherd Road Inc.	Strandherd Drive and Systemhouse Street Ottawa ON K2C 0P9	116.0	<a href="#"><u>9</u></a>
Zena Investment Corporation	4149 Strandherd Dr Ottawa ON K2C 0A6	116.3	<a href="#"><u>10</u></a>
Python GP Inc.	222 Citigate Dr Ottawa ON K2J 6K7	147.7	<a href="#"><u>12</u></a>
Strandherd Road Inc.	4337 Strandherd Dr Ottawa ON K2C 0P9	227.5	<a href="#"><u>18</u></a>
2472099 Ontario Inc.	555 Dealership Drive Ottawa ON K2E 1A3	242.0	<a href="#"><u>19</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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### **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Nov 30, 2021 has found that there are 5 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	4225 Strandherd Dr Ottawa ON K2J0L2	0.0	<a href="#"><u>3</u></a>
	4225 Strandherd Dr Ottawa ON K2J6E5	0.0	<a href="#"><u>3</u></a>
	4255 Strandherd Dr Ottawa ON K2J6E5	87.4	<a href="#"><u>8</u></a>
	4225-4345 strandherd drive Nepean ON K2J 5P8	129.5	<a href="#"><u>11</u></a>
	222 Citigate Dr Barrhaven ON K2J 6K7	178.9	<a href="#"><u>15</u></a>

### **FST - Fuel Storage Tank**

A search of the FST database, dated May 31, 2021 has found that there are 4 FST site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
COSTCO WHOLESALE CANADA LTD.	4313 STRANDHERD DR NEPEAN K2J 6E5 ON CA ON	0.0	<a href="#"><u>5</u></a>
COSTCO WHOLESALE CANADA LTD.	4313 STRANDHERD DR NEPEAN K2J 6E5 ON CA ON	0.0	<a href="#"><u>5</u></a>
	4313 STRANDHERD DR NEPEAN ON K2J 6E5	0.0	<a href="#"><u>5</u></a>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
COSTCO WHOLESALE CANADA LTD.	4313 STRANDHERD DR NEPEAN K2J 6E5 ON CA ON	0.0	<a href="#">5</a>

### **GEN - Ontario Regulation 347 Waste Generators Summary**

A search of the GEN database, dated 1986-Aug 31, 2021 has found that there are 11 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
COSTCO WHOLESALE #1263 Barrhaven	4315 Strandherd dr Nepean ON K2J 6E5	72.8	<a href="#">6</a>
COSTCO WHOLESALE #1263 Barrhaven	4315 Strandherd dr Nepean ON K2J 6E5	72.8	<a href="#">6</a>
COSTCO WHOLESALE #1263 Barrhaven	4315 Strandherd dr Nepean ON K2J 6E5	72.8	<a href="#">6</a>
Broccolini Construction	200 Citigate Dr Ottawa ON K2J 6K7	85.4	<a href="#">7</a>
Amazon Canada Fulfillment Services, ULC YOW3	222 Citigate Drive Ottawa ON K2J6K7	147.7	<a href="#">12</a>
Value Village	4345 Strandherd Drive Store #2147 Ottawa ON K2J 6E5	198.7	<a href="#">17</a>
Value Village	4345 Strandherd Drive Store #2147 Ottawa ON K2J 6E5	198.7	<a href="#">17</a>
Value Village	4345 Strandherd Drive Store #2147 Ottawa ON K2J 6E5	198.7	<a href="#">17</a>



<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Dr.Irina Smirnova Professional Dentistry Corp	240 Kennevale drive, Unit 104 Ottawa ON K2J 6B6	245.7	<a href="#">23</a>
Dr.Irina Smirnova Professional Dentistry Corp	240 Kennevale drive, Unit 104 Ottawa ON K2J 6B6	245.7	<a href="#">23</a>
Dr.Irina Smirnova Professional Dentistry Corp	240 Kennevale drive, Unit 104 Ottawa ON K2J 6B6	245.7	<a href="#">23</a>

### **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>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	303 COPPERFIELD CRESCENT OTTAWA ON	243.6	<a href="#">20</a>

### **PES - Pesticide Register**

A search of the PES database, dated Oct 2011- Oct 31, 2021 has found that there are 2 PES site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
COSTCO WHOLESALE CANADA LTD.	4315 STRANDHERD DR OTTAWA ON K2J6E5	72.8	<a href="#">6</a>
	4315 STRANDHERD DR OTTAWA ON K2J 6E5	72.8	<a href="#">6</a>

### **PINC - Pipeline Incidents**

A search of the PINC database, dated May 31, 2021 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	25 Chesapeake Crescent, Ottawa ON	244.8	<a href="#"><u>21</u></a>

### **SPL - Ontario Spills**

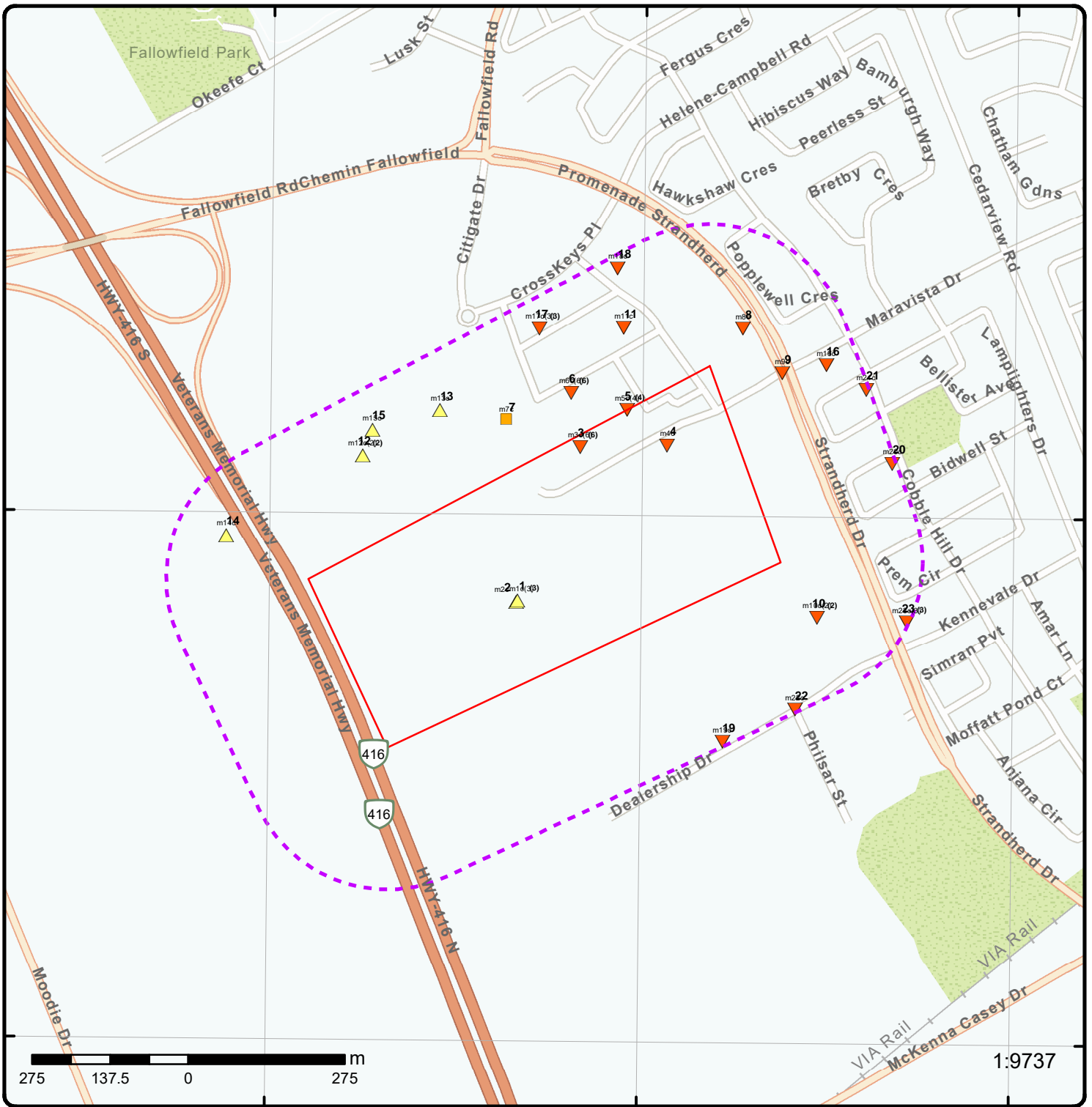
A search of the SPL database, dated 1988-Sep 2020 has found that there are 2 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Costco Wholesale Canada Ltd.	4315 Strandherd Drive Ottawa ON K2J 6E5	72.8	<a href="#"><u>6</u></a>
Tomlinson Environmental Services Ltd.	Dealership Dr and Philsar street Ottawa ON	245.6	<a href="#"><u>22</u></a>

### **WWIS - Water Well Information System**

A search of the WWIS database, dated Apr 30, 2021 has found that there are 2 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 18 con 4 ON  <i>Well ID: 1520743</i>	0.0	<a href="#"><u>2</u></a>
	LAFARGE QUARRY - MOODIE DR lot 26 con 5 NEPEAN FALLOW FIELD ON <i>Well ID: 7043018</i>	153.4	<a href="#"><u>13</u></a>



### Map: 0.25 Kilometer Radius

Order Number: 22010500018

Address: PE5569 - Citigate at Systemhouse, Ottawa, ON



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



**Aerial** Year: 2020

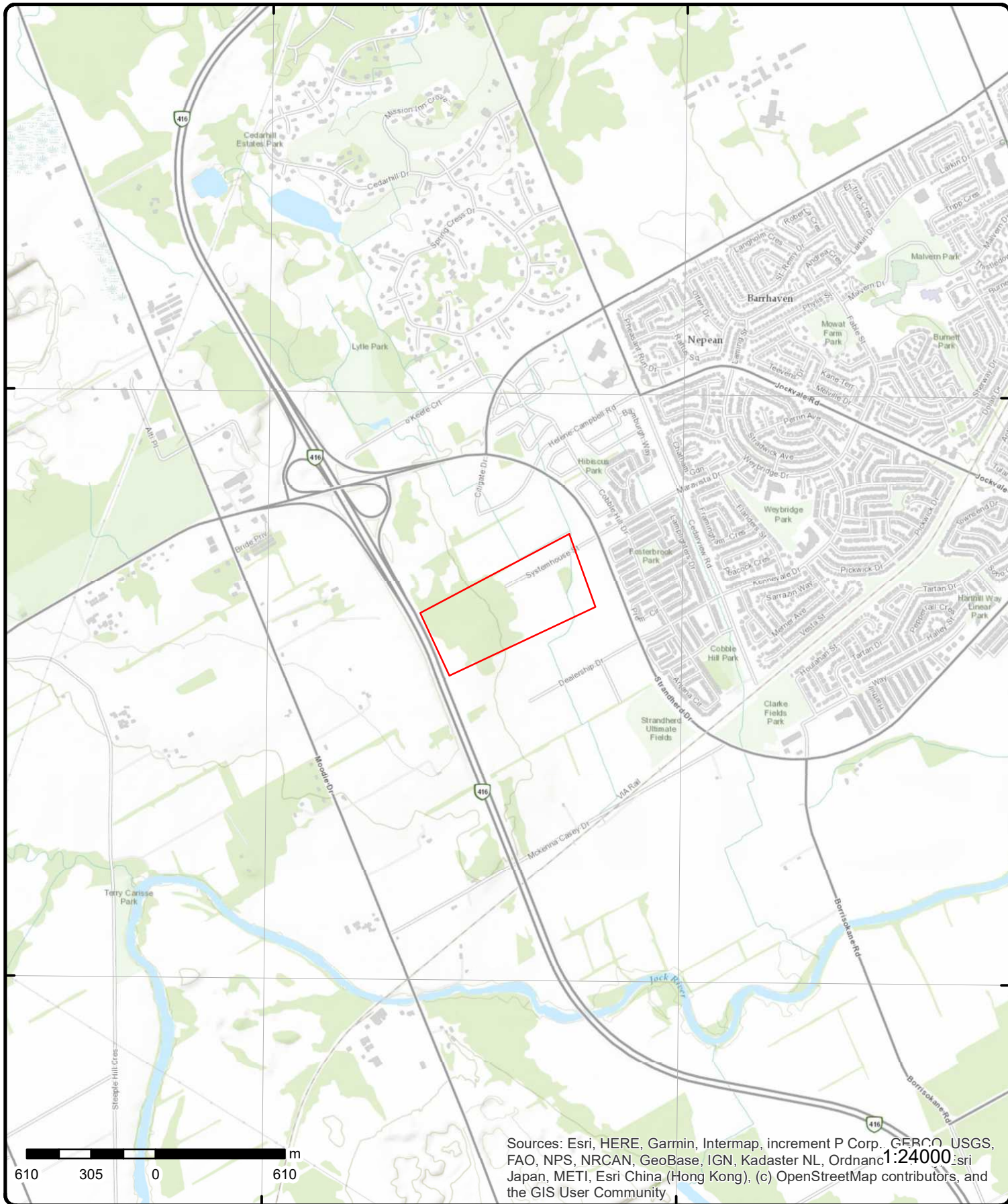
Order Number: 22010500018

**Address: PE5569 - Citigate at Systemhouse, Ottawa, ON**



Source: ESRI World Imagery

© ERIS Information Limited Partnership



# Topographic Map

Order Number: 22010500018

Address: PE5569 - Citigate at Systemhouse, ON



Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">1</a>	1 of 3	SW/0.0	99.8 / 0.92	<b>DCR/Phoenix Development Corporation Limited</b> Lot Part 18 & 19, Conc. 4 Ottawa ON K2E 6T8	<b>ECA</b>
<p><b>Approval No:</b> 5643-8BGJZQ      <b>MOE District:</b> Ottawa</p> <p><b>Approval Date:</b> 2010-12-06      <b>City:</b></p> <p><b>Status:</b> Approved      <b>Longitude:</b> -75.7861</p> <p><b>Record Type:</b> ECA      <b>Latitude:</b> 45.2653</p> <p><b>Link Source:</b> IDS      <b>Geometry X:</b></p> <p><b>SWP Area Name:</b> Rideau Valley      <b>Geometry Y:</b></p> <p><b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS</p> <p><b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS</p> <p><b>Business Name:</b> DCR/Phoenix Development Corporation Limited</p> <p><b>Address:</b> Lot Part 18 &amp; 19, Conc. 4</p> <p><b>Full Address:</b></p> <p><b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/7136-8A9MVJ-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/7136-8A9MVJ-14.pdf</a></p> <p><b>PDF Site Location:</b></p>					
<a href="#">1</a>	2 of 3	SW/0.0	99.8 / 0.92	<b>Claridge Homes (Strandherd) Inc.</b>  Ottawa ON	<b>ECA</b>
<p><b>Approval No:</b> 7488-6U9S5E      <b>MOE District:</b> Ottawa</p> <p><b>Approval Date:</b> 2006-10-06      <b>City:</b></p> <p><b>Status:</b> Approved      <b>Longitude:</b> -75.7861</p> <p><b>Record Type:</b> ECA      <b>Latitude:</b> 45.2653</p> <p><b>Link Source:</b> IDS      <b>Geometry X:</b></p> <p><b>SWP Area Name:</b> Rideau Valley      <b>Geometry Y:</b></p> <p><b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS</p> <p><b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS</p> <p><b>Business Name:</b> Claridge Homes (Strandherd) Inc.</p> <p><b>Address:</b></p> <p><b>Full Address:</b></p> <p><b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/8095-6U7REM-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/8095-6U7REM-14.pdf</a></p> <p><b>PDF Site Location:</b></p>					
<a href="#">1</a>	3 of 3	SW/0.0	99.8 / 0.92	<b>Claridge Homes (Strandherd) Inc.</b>  Ottawa ON	<b>ECA</b>
<p><b>Approval No:</b> 9369-6UAK3B      <b>MOE District:</b> Ottawa</p> <p><b>Approval Date:</b> 2006-10-06      <b>City:</b></p> <p><b>Status:</b> Approved      <b>Longitude:</b> -75.7861</p> <p><b>Record Type:</b> ECA      <b>Latitude:</b> 45.2653</p> <p><b>Link Source:</b> IDS      <b>Geometry X:</b></p> <p><b>SWP Area Name:</b> Rideau Valley      <b>Geometry Y:</b></p> <p><b>Approval Type:</b> ECA-Municipal Drinking Water Systems</p> <p><b>Project Type:</b> Municipal Drinking Water Systems</p> <p><b>Business Name:</b> Claridge Homes (Strandherd) Inc.</p> <p><b>Address:</b></p> <p><b>Full Address:</b></p> <p><b>Full PDF Link:</b></p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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PDF Site Location:

<a href="#">2</a>	1 of 1	SW/0.0	100.9 / 2.00	lot 18 con 4 ON	WWIS
<b>Well ID:</b>	1520743			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	8/14/1986
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	5222
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>	NA			<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	NEPEAN TOWNSHIP
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	018
<b>Well Depth:</b>				<b>Concession:</b>	04
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	CON
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					

PDF URL (Map): [https://d2khazk8e83rdv.cloudfront.net/moe\\_mapping/downloads/2Water/Wells\\_pdfs/152\1520743.pdf](https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1520743.pdf)

**Additional Detail(s) (Map)**

<b>Well Completed Date:</b>	1986/08/02
<b>Year Completed:</b>	1986
<b>Depth (m):</b>	15.8496
<b>Latitude:</b>	45.2652809649007
<b>Longitude:</b>	-75.7861277319738
<b>Path:</b>	152\1520743.pdf

**Bore Hole Information**

<b>Bore Hole ID:</b>	10042584	<b>Elevation:</b>	101.086837
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>	o	<b>East83:</b>	438327.70
<b>Code OB Desc:</b>	Overburden	<b>North83:</b>	5012721.00
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	02-Aug-1986 00:00:00	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	lot
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock  
Materials Interval**

<b>Formation ID:</b>	931045686
<b>Layer:</b>	1

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Color:</b>		6			
<b>General Color:</b>		BROWN			
<b>Mat1:</b>		08			
<b>Most Common Material:</b>		FINE SAND			
<b>Mat2:</b>		79			
<b>Mat2 Desc:</b>		PACKED			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		0.0			
<b>Formation End Depth:</b>		35.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Overburden and Bedrock</u></b>					
<b><u>Materials Interval</u></b>					
<b>Formation ID:</b>		931045687			
<b>Layer:</b>		2			
<b>Color:</b>		2			
<b>General Color:</b>		GREY			
<b>Mat1:</b>		10			
<b>Most Common Material:</b>		COARSE SAND			
<b>Mat2:</b>		12			
<b>Mat2 Desc:</b>		STONES			
<b>Mat3:</b>					
<b>Mat3 Desc:</b>					
<b>Formation Top Depth:</b>		35.0			
<b>Formation End Depth:</b>		52.0			
<b>Formation End Depth UOM:</b>		ft			
<b><u>Method of Construction &amp; Well</u></b>					
<b><u>Use</u></b>					
<b>Method Construction ID:</b>		961520743			
<b>Method Construction Code:</b>		5			
<b>Method Construction:</b>		Air Percussion			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10591154			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930074325			
<b>Layer:</b>		1			
<b>Material:</b>					
<b>Open Hole or Material:</b>					
<b>Depth From:</b>					
<b>Depth To:</b>		44			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930074326			
<b>Layer:</b>		2			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Depth From:</b>					
<b>Depth To:</b>		49			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Screen</u></b>					
<b>Screen ID:</b>		933326066			
<b>Layer:</b>		1			
<b>Slot:</b>		010			
<b>Screen Top Depth:</b>		49			
<b>Screen End Depth:</b>		52			
<b>Screen Material:</b>					
<b>Screen Depth UOM:</b>		ft			
<b>Screen Diameter UOM:</b>		inch			
<b>Screen Diameter:</b>		6			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		991520743			
<b>Pump Set At:</b>					
<b>Static Level:</b>		29.0			
<b>Final Level After Pumping:</b>		49.0			
<b>Recommended Pump Depth:</b>		40.0			
<b>Pumping Rate:</b>		15.0			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		10.0			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		2			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934387907			
<b>Test Type:</b>					
<b>Test Duration:</b>		30			
<b>Test Level:</b>		49.0			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934649483			
<b>Test Type:</b>					
<b>Test Duration:</b>		45			
<b>Test Level:</b>		49.0			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934907264			
<b>Test Type:</b>					
<b>Test Duration:</b>		60			
<b>Test Level:</b>		49.0			
<b>Test Level UOM:</b>		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934104787			
<b>Test Type:</b>					
<b>Test Duration:</b>		15			
<b>Test Level:</b>		49.0			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933478078			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		52.0			
<b>Water Found Depth UOM:</b>		ft			
<b><u>3</u></b>	<b>1 of 6</b>	<b>NNE/0.0</b>	<b>97.9 / -1.00</b>	<b>Montrin Uniform Strandherd GP Inc. 4225 Strandherd Dr Ottawa ON K2P 0R6</b>	<b>ECA</b>
<b>Approval No:</b>	8611-A9SQ7S			<b>MOE District:</b>	
<b>Approval Date:</b>	2016-05-18			<b>City:</b>	
<b>Status:</b>	Revoked and/or Replaced			<b>Longitude:</b>	
<b>Record Type:</b>	ECA			<b>Latitude:</b>	
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>				<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-INDUSTRIAL SEWAGE WORKS				
<b>Project Type:</b>	INDUSTRIAL SEWAGE WORKS				
<b>Business Name:</b>	Montrin Uniform Strandherd GP Inc.				
<b>Address:</b>	4225 Strandherd Dr				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/8352-A7MKGY-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/8352-A7MKGY-14.pdf</a>				
<b>PDF Site Location:</b>					
<b><u>3</u></b>	<b>2 of 6</b>	<b>NNE/0.0</b>	<b>97.9 / -1.00</b>	<b>Montrin Uniform Strandherd GP Inc. 4225 Strandherd Dr Ottawa ON K2P 0R6</b>	<b>ECA</b>
<b>Approval No:</b>	7379-AAYPBH			<b>MOE District:</b>	
<b>Approval Date:</b>	2016-06-17			<b>City:</b>	
<b>Status:</b>	Revoked and/or Replaced			<b>Longitude:</b>	
<b>Record Type:</b>	ECA			<b>Latitude:</b>	
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>				<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
<b>Project Type:</b>	MUNICIPAL AND PRIVATE SEWAGE WORKS				
<b>Business Name:</b>	Montrin Uniform Strandherd GP Inc.				
<b>Address:</b>	4225 Strandherd Dr				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/0695-A7HQYU-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/0695-A7HQYU-14.pdf</a>				
<b>PDF Site Location:</b>					
<b><u>3</u></b>	<b>3 of 6</b>	<b>NNE/0.0</b>	<b>97.9 / -1.00</b>	<b>4225 Strandherd Dr Ottawa ON K2J0L2</b>	<b>EHS</b>
<b>Order No:</b>	20150810012			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b>	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b>	ON
<b>Report Date:</b>	14-AUG-15			<b>Search Radius (km):</b>	.25

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Date Received:</b> 10-AUG-15				<b>X:</b> -75.784025	
<b>Previous Site Name:</b>				<b>Y:</b> 45.2689503	
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">3</a>	4 of 6	NNE/0.0	97.9 / -1.00	<b>Montrin Uniform Strandherd GP Inc.</b> 4225 Strandherd Dr Ottawa ON K2P 0R6	ECA
<b>Approval No:</b> 0847-AFRT8T				<b>MOE District:</b> Ottawa	
<b>Approval Date:</b> 2016-12-13				<b>City:</b>	
<b>Status:</b> Approved				<b>Longitude:</b> -75.78498	
<b>Record Type:</b> ECA				<b>Latitude:</b> 45.268943	
<b>Link Source:</b> IDS				<b>Geometry X:</b>	
<b>SWP Area Name:</b> Rideau Valley				<b>Geometry Y:</b>	
<b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS					
<b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS					
<b>Business Name:</b> Montrin Uniform Strandherd GP Inc.					
<b>Address:</b> 4225 Strandherd Dr					
<b>Full Address:</b>					
<b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/1062-AFAHED-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/1062-AFAHED-14.pdf</a>					
<b>PDF Site Location:</b>					
<a href="#">3</a>	5 of 6	NNE/0.0	97.9 / -1.00	<b>Costco Wholesale Canada Ltd.</b> 4225 Strandherd Dr Ottawa ON K2E 1C5	ECA
<b>Approval No:</b> 1844-AFRTDW				<b>MOE District:</b> Ottawa	
<b>Approval Date:</b> 2016-12-13				<b>City:</b>	
<b>Status:</b> Approved				<b>Longitude:</b> -75.78498	
<b>Record Type:</b> ECA				<b>Latitude:</b> 45.268943	
<b>Link Source:</b> IDS				<b>Geometry X:</b>	
<b>SWP Area Name:</b> Rideau Valley				<b>Geometry Y:</b>	
<b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS					
<b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS					
<b>Business Name:</b> Costco Wholesale Canada Ltd.					
<b>Address:</b> 4225 Strandherd Dr					
<b>Full Address:</b>					
<b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/0983-AEAL6K-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/0983-AEAL6K-14.pdf</a>					
<b>PDF Site Location:</b>					
<a href="#">3</a>	6 of 6	NNE/0.0	97.9 / -1.00	<b>4225 Strandherd Dr</b> Ottawa ON K2J6E5	EHS
<b>Order No:</b> 20170818015				<b>Nearest Intersection:</b>	
<b>Status:</b> C				<b>Municipality:</b>	
<b>Report Type:</b> Custom Report				<b>Client Prov/State:</b> ON	
<b>Report Date:</b> 24-AUG-17				<b>Search Radius (km):</b> .5	
<b>Date Received:</b> 18-AUG-17				<b>X:</b> -75.788034	
<b>Previous Site Name:</b>				<b>Y:</b> 45.268659	
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>					
<a href="#">4</a>	1 of 1	NE/0.0	96.9 / -2.00	<b>STRANDHERD ROAD INC.</b>  ON	EASR
<b>Approval No:</b> R-009-8112396398				<b>SWP Area Name:</b> Rideau Valley	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Status:</b> REGISTERED <b>Date:</b> 2020-07-09 <b>Record Type:</b> EASR <b>Link Source:</b> MOFA <b>Project Type:</b> Water Taking - Construction Dewatering <b>Full Address:</b> <b>Approval Type:</b> EASR-Water Taking - Construction Dewatering <b>Full PDF Link:</b> <a href="http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2263727">http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2263727</a> <b>PDF URL:</b> <b>PDF Site Location:</b>					
				<b>MOE District:</b> Ottawa <b>Municipality:</b> <b>Latitude:</b> 45.26777778 <b>Longitude:</b> -75.78277778 <b>Geometry X:</b> <b>Geometry Y:</b>	

<a href="#">5</a>	1 of 4	NE/0.0	96.9 / -2.00	COSTCO WHOLESALE CANADA LTD. 4313 STRANDHERD DR NEPEAN K2J 6E5 ON CA ON	FST
<b>Instance No:</b> 64727880 <b>Status:</b> <b>Cont Name:</b> <b>Instance Type:</b> FS Liquid Fuel Tank <b>Item:</b> FS LIQUID FUEL TANK <b>Item Description:</b> FS Liquid Fuel Tank <b>Tank Type:</b> Double Wall UST <b>Install Date:</b> 5/13/2016 2:04:40 PM <b>Install Year:</b> 2016 <b>Years in Service:</b> <b>Model:</b> NULL <b>Description:</b> <b>Capacity:</b> 100000 <b>Tank Material:</b> Fiberglass (FRP) <b>Corrosion Protect:</b> <b>Overfill Protect:</b> <b>Facility Type:</b> FS Liquid Fuel Tank <b>Parent Facility Type:</b> FS Gasoline Station - Card/Keylock <b>Facility Location:</b> <b>Device Installed Location:</b> 4313 STRANDHERD DR NEPEAN K2J 6E5 ON CA					
<b>Fuel Storage Tank Details</b> <b>Owner Account Name:</b> COSTCO WHOLESALE CANADA LTD.					
<b>Liquid Fuel Tank Details</b> <b>Overfill Protection:</b> <b>Owner Account Name:</b> COSTCO WHOLESALE CANADA LTD. <b>Item:</b> FS LIQUID FUEL TANK					

<a href="#">5</a>	2 of 4	NE/0.0	96.9 / -2.00	COSTCO WHOLESALE CANADA LTD. 4313 STRANDHERD DR NEPEAN K2J 6E5 ON CA ON	FST
<b>Instance No:</b> 64727881 <b>Status:</b> <b>Cont Name:</b> <b>Instance Type:</b> FS Liquid Fuel Tank <b>Item:</b> FS LIQUID FUEL TANK <b>Item Description:</b> FS Liquid Fuel Tank <b>Tank Type:</b> Double Wall UST <b>Install Date:</b> 5/13/2016 2:04:40 PM <b>Install Year:</b> 2016					
<b>Manufacturer:</b> <b>Serial No:</b> <b>Ulc Standard:</b> <b>Quantity:</b> <b>Unit of Measure:</b> <b>Fuel Type:</b> Gasoline <b>Fuel Type2:</b> NULL <b>Fuel Type3:</b> NULL <b>Piping Steel:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Years in Service:</b> <b>Model:</b> NULL <b>Description:</b> <b>Capacity:</b> 100000 <b>Tank Material:</b> Fiberglass (FRP) <b>Corrosion Protect:</b> <b>Overfill Protect:</b> <b>Facility Type:</b> FS Liquid Fuel Tank <b>Parent Facility Type:</b> FS Gasoline Station - Card/Keylock <b>Facility Location:</b> <b>Device Installed Location:</b> 4313 STRANDHERD DR NEPEAN K2J 6E5 ON CA		<b>Piping Galvanized:</b> <b>Tanks Single Wall St:</b> <b>Piping Underground:</b> <b>Num Underground:</b> <b>Panam Related:</b> <b>Panam Venue:</b>			
<b><u>Fuel Storage Tank Details</u></b>					
<b>Owner Account Name:</b>		COSTCO WHOLESALE CANADA LTD.			
<b><u>Liquid Fuel Tank Details</u></b>					
<b>Overfill Protection:</b>		COSTCO WHOLESALE CANADA LTD.			
<b>Owner Account Name:</b>		COSTCO WHOLESALE CANADA LTD.			
<b>Item:</b>		FS LIQUID FUEL TANK			

<a href="#">5</a>	3 of 4	NE/0.0	96.9 / -2.00	COSTCO WHOLESALE CANADA LTD. 4313 STRANDHERD DR NEPEAN K2J 6E5 ON CA ON	FST
<b>Instance No:</b> 64727882 <b>Status:</b> <b>Cont Name:</b> <b>Instance Type:</b> FS Liquid Fuel Tank <b>Item:</b> FS LIQUID FUEL TANK <b>Item Description:</b> FS Liquid Fuel Tank <b>Tank Type:</b> Double Wall UST <b>Install Date:</b> 5/13/2016 2:04:40 PM <b>Install Year:</b> 2016 <b>Years in Service:</b> <b>Model:</b> NULL <b>Description:</b> <b>Capacity:</b> 100000 <b>Tank Material:</b> Fiberglass (FRP) <b>Corrosion Protect:</b> <b>Overfill Protect:</b> <b>Facility Type:</b> FS Liquid Fuel Tank <b>Parent Facility Type:</b> FS Gasoline Station - Card/Keylock <b>Facility Location:</b> <b>Device Installed Location:</b> 4313 STRANDHERD DR NEPEAN K2J 6E5 ON CA		<b>Manufacturer:</b> <b>Serial No:</b> <b>Ulc Standard:</b> <b>Quantity:</b> <b>Unit of Measure:</b> <b>Fuel Type:</b> Gasoline <b>Fuel Type2:</b> NULL <b>Fuel Type3:</b> NULL <b>Piping Steel:</b> <b>Piping Galvanized:</b> <b>Tanks Single Wall St:</b> <b>Piping Underground:</b> <b>Num Underground:</b> <b>Panam Related:</b> <b>Panam Venue:</b>			
<b><u>Fuel Storage Tank Details</u></b>					
<b>Owner Account Name:</b>		COSTCO WHOLESALE CANADA LTD.			
<b><u>Liquid Fuel Tank Details</u></b>					
<b>Overfill Protection:</b>		COSTCO WHOLESALE CANADA LTD.			
<b>Owner Account Name:</b>		COSTCO WHOLESALE CANADA LTD.			
<b>Item:</b>		FS LIQUID FUEL TANK			

<a href="#">5</a>	4 of 4	NE/0.0	96.9 / -2.00	4313 STRANDHERD DR NEPEAN ON K2J 6E5	FST
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Instance No:	64727695			Manufacturer:	
Status:	Active			Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:	FS GASOLINE STATION - CARD/KEYLOCK			Unit of Measure:	
Item Description:				Fuel Type:	
Tank Type:				Fuel Type2:	
Install Date:				Fuel Type3:	
Install Year:				Piping Steel:	0
Years in Service:				Piping Galvanized:	0
Model:				Tanks Single Wall St:	0
Description:				Piping Underground:	4
Capacity:				Num Underground:	3
Tank Material:				Panam Related:	
Corrosion Protect:				Panam Venue:	
Overfill Protect:					
Facility Type:					
Parent Facility Type:					
Facility Location:					
Device Installed Location:					

<a href="#">6</a>	1 of 6	N/72.8	97.9 / -1.00	COSTCO WHOLESALE CANADA LTD. 4315 STRANDHERD DR OTTAWA ON K2J6E5	PES
Detail Licence No:				Operator Box:	
Licence No:	18009			Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)			Oper Area Code:	613
Licence Type:	Limited Vendor			Oper Phone No:	2212010
Licence Type Code:	23			Operator Ext:	
Licence Class:	01			Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF Link:					
PDF Site Location:					

<a href="#">6</a>	2 of 6	N/72.8	97.9 / -1.00	COSTCO WHOLESALE #1263 Barrhaven 4315 Strandherd dr Nepean ON K2J 6E5	GEN
Generator No:	ON2691739			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Dec 2018			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<b>Detail(s)</b>					
Waste Class:	146 T				
Waste Class Desc:	Other specified inorganic sludges, slurries or solids				

<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>Waste Class:</i> <i>Waste Class Desc:</i>		148 A Misc. wastes and inorganic chemicals			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		221 I Light fuels			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		221 L Light fuels			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		252 L Waste crankcase oils and lubricants			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		261 A Pharmaceuticals			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		261 L Pharmaceuticals			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		263 A Misc. waste organic chemicals			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		263 L Misc. waste organic chemicals			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		264 T Photoprocessing wastes			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		269 T Organic non-halogenated pesticide and herbicide wastes			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		312 P Pathological wastes			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		331 I Waste compressed gases including cylinders			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		331 L Waste compressed gases including cylinders			

6

3 of 6

*N*/72.8

97.9 / -1.00

**COSTCO WHOLESALE #1263 Barrhaven**  
4315 Strandherd dr  
Nepean ON K2J 6E5

GEN

**Generator No:** ON2691739  
**Status:** Registered  
**Approval Years:** As of Jul 2020  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:**  
**SIC Description:**

**PO Box No:**  
**Country:** Canada  
**Choice of Contact:**  
**Co Admin:**  
**Phone No Admin:**

**Detail(s)**

**Waste Class:** 252 L  
**Waste Class Desc:** Waste crankcase oils and lubricants

**Waste Class:** 331 I  
**Waste Class Desc:** Waste compressed gases including cylinders

**Waste Class:** 148 A  
**Waste Class Desc:** Misc. wastes and inorganic chemicals

**Waste Class:** 212 I  
**Waste Class Desc:** Aliphatic solvents and residues

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		146 T			
<b>Waste Class Desc:</b>		Other specified inorganic sludges, slurries or solids			
<b>Waste Class:</b>		221 I			
<b>Waste Class Desc:</b>		Light fuels			
<b>Waste Class:</b>		263 A			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		261 A			
<b>Waste Class Desc:</b>		Pharmaceuticals			
<b>Waste Class:</b>		261 L			
<b>Waste Class Desc:</b>		Pharmaceuticals			
<b>Waste Class:</b>		263 L			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		312 P			
<b>Waste Class Desc:</b>		Pathological wastes			
<b>Waste Class:</b>		264 T			
<b>Waste Class Desc:</b>		Photoprocessing wastes			
<b>Waste Class:</b>		269 T			
<b>Waste Class Desc:</b>		Organic non-halogenated pesticide and herbicide wastes			
<b>Waste Class:</b>		221 L			
<b>Waste Class Desc:</b>		Light fuels			
<b>Waste Class:</b>		331 L			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			

<u>6</u>	4 of 6	N/72.8	97.9 / -1.00	Costco Wholesale Canada Ltd. 4315 Strandherd Drive Ottawa ON K2J 6E5	SPL
<b>Ref No:</b>	5356-BCEG2X			<b>Discharger Report:</b>	
<b>Site No:</b>	NA			<b>Material Group:</b>	
<b>Incident Dt:</b>	5/17/2019			<b>Health/Env Conseq:</b>	2 - Minor Environment Corporation
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>				<b>Sector Type:</b>	
<b>Incident Event:</b>				<b>Agency Involved:</b>	
<b>Contaminant Code:</b>				<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>				<b>Site Address:</b>	4315 Strandherd Drive
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	Ottawa
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	K2J 6E5
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	Eastern
<b>Environment Impact:</b>				<b>Site Municipality:</b>	Ottawa
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>				<b>Northing:</b>	
<b>MOE Response:</b>				<b>Easting:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	5/22/2019			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b>	
<b>Incident Reason:</b>				<b>Source Type:</b>	
<b>Site Name:</b>	4315 Strandherd Drive<UNOFFICIAL>				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	Sell Class 5 Pesticide - No Limited Vendor's Licence				
<b>Contaminant Qty:</b>					



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>6</u>	5 of 6	N/72.8	97.9 / -1.00	COSTCO WHOLESALE #1263 Barrhaven 4315 Strandherd dr Nepean ON K2J 6E5	GEN
<b>Generator No:</b>	ON2691739			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Aug 2021			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	221 L				
<b>Waste Class Desc:</b>	Light fuels				
<b>Waste Class:</b>	221 I				
<b>Waste Class Desc:</b>	Light fuels				
<b>Waste Class:</b>	331 L				
<b>Waste Class Desc:</b>	Waste compressed gases including cylinders				
<b>Waste Class:</b>	331 I				
<b>Waste Class Desc:</b>	Waste compressed gases including cylinders				
<b>Waste Class:</b>	269 T				
<b>Waste Class Desc:</b>	Organic non-halogenated pesticide and herbicide wastes				
<b>Waste Class:</b>	148 C				
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals				
<b>Waste Class:</b>	252 L				
<b>Waste Class Desc:</b>	Waste crankcase oils and lubricants				
<b>Waste Class:</b>	263 L				
<b>Waste Class Desc:</b>	Misc. waste organic chemicals				
<b>Waste Class:</b>	261 A				
<b>Waste Class Desc:</b>	Pharmaceuticals				
<b>Waste Class:</b>	261 L				
<b>Waste Class Desc:</b>	Pharmaceuticals				
<b>Waste Class:</b>	148 A				
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals				
<b>Waste Class:</b>	146 T				
<b>Waste Class Desc:</b>	Other specified inorganic sludges, slurries or solids				
<b>Waste Class:</b>	264 T				
<b>Waste Class Desc:</b>	Photoprocessing wastes				
<b>Waste Class:</b>	112 C				
<b>Waste Class Desc:</b>	Acid solutions - containing heavy metals				
<b>Waste Class:</b>	312 P				
<b>Waste Class Desc:</b>	Pathological wastes				
<b>Waste Class:</b>	212 I				
<b>Waste Class Desc:</b>	Aliphatic solvents and residues				
<b>Waste Class:</b>	263 A				
<b>Waste Class Desc:</b>	Misc. waste organic chemicals				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		122 C			
<b>Waste Class Desc:</b>		Alkaline slutions - containing other metals and non-metals (not cyanide)			
<a href="#">6</a>	6 of 6	<b>N/72.8</b>	<b>97.9 / -1.00</b>	<b>4315 STRANDHERD DR OTTAWA ON K2J 6E5</b>	<b>PES</b>
<b>Detail Licence No:</b>				<b>Operator Box:</b>	
<b>Licence No:</b>	L-232-1513838087			<b>Operator Class:</b>	
<b>Status:</b>	Active			<b>Operator No:</b>	
<b>Approval Date:</b>	2021-07-28			<b>Operator Type:</b>	
<b>Report Source:</b>	PEST-Limited Vendor			<b>Oper Area Code:</b>	
<b>Licence Type:</b>	Limited Vendor			<b>Oper Phone No:</b>	
<b>Licence Type Code:</b>				<b>Operator Ext:</b>	
<b>Licence Class:</b>				<b>Operator Lot:</b>	
<b>Licence Control:</b>				<b>Oper Concession:</b>	
<b>Latitude:</b>	45.26888889			<b>Operator Region:</b>	
<b>Longitude:</b>	-75.78416667			<b>Operator District:</b>	
<b>Lot:</b>				<b>Operator County:</b>	
<b>Concession:</b>				<b>Op Municipality:</b>	
<b>Region:</b>				<b>Post Office Box:</b>	
<b>District:</b>				<b>MOE District:</b> Ottawa	
<b>County:</b>				<b>SWP Area Name:</b> Rideau Valley	
<b>Trade Name:</b>					
<b>PDF Link:</b>	<a href="http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2451160">http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2451160</a>				
<b>PDF Site Location:</b>					
<a href="#">7</a>	1 of 1	<b>NNW/85.4</b>	<b>98.9 / 0.00</b>	<b>Broccolini Construction 200 Citigate Dr Ottawa ON K2J 6K7</b>	<b>GEN</b>
<b>Generator No:</b>	ON4035130			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b> Canada	
<b>Approval Years:</b>	As of Aug 2021			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b>	146 L				
<b>Waste Class Desc:</b>	Other specified inorganic sludges, slurries or solids				
<b>Waste Class:</b>	251 L				
<b>Waste Class Desc:</b>	Waste oils/sludges (petroleum based)				
<b>Waste Class:</b>	221 I				
<b>Waste Class Desc:</b>	Light fuels				
<a href="#">8</a>	1 of 1	<b>NE/87.4</b>	<b>96.9 / -2.00</b>	<b>4255 Strandherd Dr Ottawa ON K2J6E5</b>	<b>EHS</b>
<b>Order No:</b>	20170116126			<b>Nearest Intersection:</b>	
<b>Status:</b>	C			<b>Municipality:</b> Ottawa	
<b>Report Type:</b>	Standard Report			<b>Client Prov/State:</b> ON	
<b>Report Date:</b>	23-JAN-17			<b>Search Radius (km):</b> .25	
<b>Date Received:</b>	16-JAN-17			<b>X:</b> -75.781109	
<b>Previous Site Name:</b>				<b>Y:</b> 45.269632	
<b>Lot/Building Size:</b>					
<b>Additional Info Ordered:</b>	City Directory				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">9</a>	1 of 1	ENE/116.0	96.9 / -2.00	Strandherd Road Inc. Strandherd Drive and Systemhouse Street Ottawa ON K2C 0P9	ECA
<p><b>Approval No:</b> 3776-9LGKRB <b>MOE District:</b></p> <p><b>Approval Date:</b> 2014-07-03 <b>City:</b></p> <p><b>Status:</b> Approved <b>Longitude:</b></p> <p><b>Record Type:</b> ECA <b>Latitude:</b></p> <p><b>Link Source:</b> IDS <b>Geometry X:</b></p> <p><b>SWP Area Name:</b> <b>Geometry Y:</b></p> <p><b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS</p> <p><b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS</p> <p><b>Business Name:</b> Strandherd Road Inc.</p> <p><b>Address:</b> Strandherd Drive and Systemhouse Street</p> <p><b>Full Address:</b></p> <p><b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/5177-9L8P7T-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/5177-9L8P7T-14.pdf</a></p> <p><b>PDF Site Location:</b></p>					
<a href="#">10</a>	1 of 2	E/116.3	95.7 / -3.20	Zena Investment Corporation 4149 Strandherd Drive Ottawa, ON Canada ON	EBR
<p><b>EBR Registry No:</b> 019-3984 <b>Decision Posted:</b> September 2, 2021</p> <p><b>Ministry Ref No:</b> 5334-C22RRF <b>Exception Posted:</b></p> <p><b>Notice Type:</b> Instrument <b>Section:</b> Part II.1 (20.3 or 20.5)</p> <p><b>Notice Stage:</b> Decision <b>Act 1:</b> Environmental Protection Act, R.S.O. 1990</p> <p><b>Notice Date:</b> <b>Act 2:</b> Environmental Protection Act</p> <p><b>Proposal Date:</b> July 12, 2021 <b>Site Location Map:</b> 45.264854,-75.777804</p> <p><b>Year:</b> 2021</p> <p><b>Instrument Type:</b> Environmental Compliance Approval (sewage)</p> <p><b>Off Instrument Name:</b> Environmental Compliance Approval (sewage) (OWRA s.53)</p> <p><b>Posted By:</b> Ministry of the Environment, Conservation and Parks</p> <p><b>Company Name:</b></p> <p><b>Site Address:</b> 4149 Strandherd Drive Ottawa, ON Canada</p> <p><b>Location Other:</b></p> <p><b>Proponent Name:</b> Zena Investment Corporation</p> <p><b>Proponent Address:</b> Zena Investment Corporation 1200 Baseline Road Ottawa, ON K2C 0A6 Canada</p> <p><b>Comment Period:</b> July 12, 2021 - August 26, 2021 (45 days) Closed</p> <p><b>URL:</b> <a href="https://ero.ontario.ca/notice/019-3984">https://ero.ontario.ca/notice/019-3984</a></p> <p><b>Site Location Details:</b></p>					
<a href="#">10</a>	2 of 2	E/116.3	95.7 / -3.20	Zena Investment Corporation 4149 Strandherd Dr Ottawa ON K2C 0A6	ECA
<p><b>Approval No:</b> 7347-C5XHCZ <b>MOE District:</b></p> <p><b>Approval Date:</b> 2021-08-31 <b>City:</b></p> <p><b>Status:</b> Approved <b>Longitude:</b></p> <p><b>Record Type:</b> ECA <b>Latitude:</b></p> <p><b>Link Source:</b> IDS <b>Geometry X:</b> -8450881.4824999999</p> <p><b>SWP Area Name:</b> <b>Geometry Y:</b> 5675516.1209999993</p>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Approval Type:</b> <b>Project Type:</b> <b>Business Name:</b> <b>Address:</b> <b>Full Address:</b> <b>Full PDF Link:</b> <b>PDF Site Location:</b>		ECA-INDUSTRIAL SEWAGE WORKS INDUSTRIAL SEWAGE WORKS Zena Investment Corporation 4149 Strandherd Dr  https://www.accessenvironment.ene.gov.on.ca/instruments/5334-C22RRF-14.pdf 4149 Strandherd Drive City of Ottawa, ON K2K 3K2			
<a href="#">11</a>	1 of 1	NNE/129.5	96.9 / -2.00	4225-4345 strandherd drive Nepean ON K2J 5P8	EHS
<b>Order No:</b> <b>Status:</b> <b>Report Type:</b> <b>Report Date:</b> <b>Date Received:</b> <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b>		20190122179 C Standard Report 29-JAN-19 22-JAN-19		<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> <b>Search Radius (km):</b> <b>X:</b> <b>Y:</b>	ON .25 -75.783775 45.269628
<a href="#">12</a>	1 of 2	WNW/147.7	102.9 / 4.05	Python GP Inc. 222 Citigate Dr Ottawa ON K2J 6K7	ECA
<b>Approval No:</b> <b>Approval Date:</b> <b>Status:</b> <b>Record Type:</b> <b>Link Source:</b> <b>SWP Area Name:</b> <b>Approval Type:</b> <b>Project Type:</b> <b>Business Name:</b> <b>Address:</b> <b>Full Address:</b> <b>Full PDF Link:</b> <b>PDF Site Location:</b>		8051-BYKNUQ 2021-03-11 Approved ECA IDS  ECA-INDUSTRIAL SEWAGE WORKS INDUSTRIAL SEWAGE WORKS Python GP Inc. 222 Citigate Dr  https://www.accessenvironment.ene.gov.on.ca/instruments/6746-BU5HMM-14.pdf			<b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>
<a href="#">12</a>	2 of 2	WNW/147.7	102.9 / 4.05	Amazon Canada Fulfillment Services, ULC YOW3 222 Citigate Drive Ottawa ON K2J6K7	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		ON9507265 Registered As of Aug 2021		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	Canada
<b>Detail(s)</b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		252 L Waste crankcase oils and lubricants			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		262 L Detergents and soaps			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class:</b>		331 L			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			
<b>Waste Class:</b>		251 L			
<b>Waste Class Desc:</b>		Waste oils/sludges (petroleum based)			
<b>Waste Class:</b>		145 I			
<b>Waste Class Desc:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Class:</b>		263 T			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		269 T			
<b>Waste Class Desc:</b>		Organic non-halogenated pesticide and herbicide wastes			
<b>Waste Class:</b>		147 T			
<b>Waste Class Desc:</b>		Chemical fertilizer wastes			
<b>Waste Class:</b>		263 L			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		122 L			
<b>Waste Class Desc:</b>		Alkaline slutions - containing other metals and non-metals (not cyanide)			
<b>Waste Class:</b>		147 I			
<b>Waste Class Desc:</b>		Chemical fertilizer wastes			
<b>Waste Class:</b>		112 C			
<b>Waste Class Desc:</b>		Acid solutions - containing heavy metals			
<b>Waste Class:</b>		261 L			
<b>Waste Class Desc:</b>		Pharmaceuticals			
<b>Waste Class:</b>		148 T			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		211 I			
<b>Waste Class Desc:</b>		Aromatic solvents and residues			
<b>Waste Class:</b>		113 L			
<b>Waste Class Desc:</b>		Acid solutions - containing other metals and non-metals			
<b>Waste Class:</b>		113 B			
<b>Waste Class Desc:</b>		Acid solutions - containing other metals and non-metals			
<b>Waste Class:</b>		122 C			
<b>Waste Class Desc:</b>		Alkaline slutions - containing other metals and non-metals (not cyanide)			
<b>Waste Class:</b>		146 I			
<b>Waste Class Desc:</b>		Other specified inorganic sludges, slurries or solids			
<b>Waste Class:</b>		113 C			
<b>Waste Class Desc:</b>		Acid solutions - containing other metals and non-metals			
<b>Waste Class:</b>		263 C			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		148 R			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		267 I			
<b>Waste Class Desc:</b>		Organic acids			
<b>Waste Class:</b>		221 I			
<b>Waste Class Desc:</b>		Light fuels			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class:</b> <b>Waste Class Desc:</b>		261 A Pharmaceuticals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		233 L Other polymeric wastes			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		263 I Misc. waste organic chemicals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		263 A Misc. waste organic chemicals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		331 B Waste compressed gases including cylinders			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		147 L Chemical fertilizer wastes			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		146 T Other specified inorganic sludges, slurries or solids			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		242 I Halogenated pesticides and herbicides			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		148 A Misc. wastes and inorganic chemicals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		268 L Amines			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		134 B Wastes containing sulphides			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		135 I Wastes containing other reactive anions			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		146 L Other specified inorganic sludges, slurries or solids			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		148 L Misc. wastes and inorganic chemicals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		312 P Pathological wastes			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		242 T Halogenated pesticides and herbicides			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		263 B Misc. waste organic chemicals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		113 I Acid solutions - containing other metals and non-metals			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		267 C Organic acids			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		242 B Halogenated pesticides and herbicides			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		212 I Aliphatic solvents and residues			
<b>Waste Class:</b> <b>Waste Class Desc:</b>		241 B Halogenated solvents and residues			

<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>Waste Class:</i> <i>Waste Class Desc:</i>		122 I Alkaline slutions - containing other metals and non-metals (not cyanide)			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		232 L Polymeric resins			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		261 T Pharmaceuticals			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		213 I Petroleum distillates			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		145 L Wastes from the use of pigments, coatings and paints			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		331 I Waste compressed gases including cylinders			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		121 C Alkaline slutions - containing heavy metals			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		232 I Polymeric resins			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		213 L Petroleum distillates			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		261 B Pharmaceuticals			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		212 L Aliphatic solvents and residues			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		252 H Waste crankcase oils and lubricants			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		148 C Misc. wastes and inorganic chemicals			
<i>Waste Class:</i> <i>Waste Class Desc:</i>		148 I Misc. wastes and inorganic chemicals			

**13**      1 of 1      **NW/153.4**      **99.9 / 1.00**      **LAFARGE QUARRY - MOODIE DR lot 26 con 5  
NEPEAN FALLOW FIELD ON**      **WWIS**

<b>Well ID:</b>	7043018	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	
<b>Primary Water Use:</b>	Not Used	<b>Date Received:</b>	4/25/2007
<b>Sec. Water Use:</b>		<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	Observation Wells	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	7148
<b>Casing Material:</b>		<b>Form Version:</b>	3
<b>Audit No:</b>	Z54869	<b>Owner:</b>	
<b>Tag:</b>	A060536	<b>Street Name:</b>	LAFARGE QUARRY - MOODIE DR
<b>Construction Method:</b>		<b>County:</b>	OTTAWA
<b>Elevation (m):</b>		<b>Municipality:</b>	NEPEAN TOWNSHIP
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	026
<b>Well Depth:</b>		<b>Concession:</b>	05
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2003/11/26  
Year Completed: 2003  
Depth (m): 52.43  
Latitude: 45.2683024422671  
Longitude: -75.7878737860768  
Path:

Bore Hole Information

Bore Hole ID:	11765463	Elevation:	98.518165
DP2BR:	12.00	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	438194.00
Code OB Desc:	Bedrock	North83:	5013058.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	26-Nov-2003 00:00:00	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 933098773  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 14  
Most Common Material: HARDPAN  
Mat2: 13  
Mat2 Desc: BOULDERS  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0.0  
Formation End Depth: 3.6600000858306885  
Formation End Depth UOM: m

Overburden and Bedrock

Materials Interval

Formation ID: 933098774  
Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2: 74  
Mat2 Desc: LAYERED  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 3.6600000858306885  
Formation End Depth: 52.43000030517578



<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Formation End Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		933317721			
<b>Layer:</b>		2			
<b>Plug From:</b>					
<b>Plug To:</b>					
<b>Plug Depth UOM:</b>		m			
<b><u>Annular Space/Abandonment Sealing Record</u></b>					
<b>Plug ID:</b>		933317720			
<b>Layer:</b>		1			
<b>Plug From:</b>		6.25			
<b>Plug To:</b>		0			
<b>Plug Depth UOM:</b>		m			
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		967043018			
<b>Method Construction Code:</b>		5			
<b>Method Construction:</b>		Air Percussion			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		11773153			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930898476			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>		6.25			
<b>Depth To:</b>		52.4300003051758			
<b>Casing Diameter:</b>					
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930898475			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>		-0.610000014305115			
<b>Depth To:</b>		6.25			
<b>Casing Diameter:</b>		15.8800001144409			
<b>Casing Diameter UOM:</b>		cm			
<b>Casing Depth UOM:</b>		m			
<b><u>Hole Diameter</u></b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Hole ID:</b>			11851820		
<b>Diameter:</b>			22.530000686645508		
<b>Depth From:</b>			0.0		
<b>Depth To:</b>			6.25		
<b>Hole Depth UOM:</b>			m		
<b>Hole Diameter UOM:</b>			cm		
<b><u>Hole Diameter</u></b>					
<b>Hole ID:</b>			11851821		
<b>Diameter:</b>			15.229999542236328		
<b>Depth From:</b>			6.25		
<b>Depth To:</b>			52.43000030517578		
<b>Hole Depth UOM:</b>			m		
<b>Hole Diameter UOM:</b>			cm		

<u>14</u>	1 of 1	W/163.6	111.6 / 12.69	ON	BORE
<b>Borehole ID:</b>	848519			<b>Inclin FLG:</b>	No
<b>OGF ID:</b>	215590140			<b>SP Status:</b>	Initial Entry
<b>Status:</b>	Decommissioned			<b>Surv Elev:</b>	No
<b>Type:</b>	Borehole			<b>Piezometer:</b>	No
<b>Use:</b>	Geotechnical/Geological Investigation			<b>Primary Name:</b>	
<b>Completion Date:</b>	09-APR-1991			<b>Municipality:</b>	
<b>Static Water Level:</b>				<b>Lot:</b>	LOT 19
<b>Primary Water Use:</b>				<b>Township:</b>	NEPEAN
<b>Sec. Water Use:</b>				<b>Latitude DD:</b>	45.266298
<b>Total Depth m:</b>	11.2			<b>Longitude DD:</b>	-75.792639
<b>Depth Ref:</b>	Ground Surface			<b>UTM Zone:</b>	18
<b>Depth Elev:</b>				<b>Easting:</b>	437818
<b>Drill Method:</b>	Hollow stem auger			<b>Northing:</b>	5012839
<b>Orig Ground Elev m:</b>	112			<b>Location Accuracy:</b>	
<b>Elev Reliabil Note:</b>				<b>Accuracy:</b>	Within 20 metres
<b>DEM Ground Elev m:</b>	111				
<b>Concession:</b>	CON 4				
<b>Location D:</b>					
<b>Survey D:</b>					
<b>Comments:</b>					

**Borehole Geology Stratum**

<b>Geology Stratum ID:</b>	6561265			<b>Mat Consistency:</b>	Very Dense
<b>Top Depth:</b>	.5			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	10.5			<b>Material Texture:</b>	
<b>Material Color:</b>	Brown			<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Till			<b>Geologic Formation:</b>	
<b>Material 2:</b>	Sand			<b>Geologic Group:</b>	
<b>Material 3:</b>	Silt			<b>Geologic Period:</b>	
<b>Material 4:</b>	Gravel			<b>Depositional Gen:</b>	glacial
<b>Gsc Material Description:</b>					
<b>Stratum Description:</b>	HETEROGENEOUS MIXTURE OF SILTY SAND, SOME GRAVEL, TRACE OF CLAY, BROWN, GREYISH BROWN TO GREY, OCCASIONAL BOULDERS, NUMEROUS BOULDERS, VERY DENSE (GLACIAL TILL), GREYISH BROWN TO GREY **Note: Many records provided by the department have a truncated [Stratum Description] field.				
<b>Geology Stratum ID:</b>	6561264			<b>Mat Consistency:</b>	
<b>Top Depth:</b>	0			<b>Material Moisture:</b>	
<b>Bottom Depth:</b>	.5			<b>Material Texture:</b>	
<b>Material Color:</b>				<b>Non Geo Mat Type:</b>	
<b>Material 1:</b>	Topsoil			<b>Geologic Formation:</b>	
<b>Material 2:</b>	sand silt			<b>Geologic Group:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Material 3:</b> <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>		SANDY SILT (TOPSOIL) **Note: Many records provided by the department have a truncated [Stratum Description] field.		<b>Geologic Period:</b> <b>Depositional Gen:</b>	
<b>Geology Stratum ID:</b> 6561266 <b>Top Depth:</b> 10.5 <b>Bottom Depth:</b> 11.2 <b>Material Color:</b> Grey <b>Material 1:</b> Shale <b>Material 2:</b> Bedrock <b>Material 3:</b> Dolomite <b>Material 4:</b> <b>Gsc Material Description:</b> <b>Stratum Description:</b>		GREYISH BLACK SHALE, BEDROCK, GREENISH GREY DOLOSTONE **Note: Many records provided by the department have a truncated [Stratum Description] field.		<b>Mat Consistency:</b> <b>Material Moisture:</b> <b>Material Texture:</b> <b>Non Geo Mat Type:</b> <b>Geologic Formation:</b> <b>Geologic Group:</b> <b>Geologic Period:</b> <b>Depositional Gen:</b>	
<a href="#">15</a>	1 of 1	WNW/178.9	101.6 / 2.69	222 Citigate Dr Barrhaven ON K2J 6K7	EHS
<b>Order No:</b> 21101200340 <b>Status:</b> C <b>Report Type:</b> Custom Report <b>Report Date:</b> 15-OCT-21 <b>Date Received:</b> 12-OCT-21 <b>Previous Site Name:</b> <b>Lot/Building Size:</b> <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans		<b>Nearest Intersection:</b> <b>Municipality:</b> <b>Client Prov/State:</b> ON <b>Search Radius (km):</b> .25 <b>X:</b> -75.78938917 <b>Y:</b> 45.26798331			
<a href="#">16</a>	1 of 1	ENE/193.6	96.9 / -2.00	CLARIDGE HOMES (GLADSTONE) LIMITED PARTNERSHIP 164 Maravista DR Ottawa ON K2J 5R3	EASR
<b>Approval No:</b> R-009-2113063262 <b>Status:</b> REGISTERED <b>Date:</b> 2021-03-29 <b>Record Type:</b> EASR <b>Link Source:</b> MOFA <b>Project Type:</b> Water Taking - Construction Dewatering <b>Full Address:</b> <b>Approval Type:</b> EASR-Water Taking - Construction Dewatering <b>Full PDF Link:</b> <a href="http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2372850">http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2372850</a> <b>PDF URL:</b> <b>PDF Site Location:</b>		<b>SWP Area Name:</b> Rideau Valley <b>MOE District:</b> Ottawa <b>Municipality:</b> Ottawa <b>Latitude:</b> 45.26888889 <b>Longitude:</b> -75.77916667 <b>Geometry X:</b> -8435698.2461 <b>Geometry Y:</b> 5663952.336300001			
<a href="#">17</a>	1 of 3	N/198.7	97.9 / -1.00	Value Village 4345 Strandherd Drive Store #2147 Ottawa ON K2J 6E5	GEN
<b>Generator No:</b> ON7732551 <b>Status:</b> Registered <b>Approval Years:</b> As of Dec 2018 <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		<b>PO Box No:</b> <b>Country:</b> Canada <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>			

Detail(s)

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class:</b>		112 C			
<b>Waste Class Desc:</b>		Acid solutions - containing heavy metals			
<b>Waste Class:</b>		122 C			
<b>Waste Class Desc:</b>		Alkaline slutions - containing other metals and non-metals (not cyanide)			
<b>Waste Class:</b>		145 I			
<b>Waste Class Desc:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Class:</b>		145 L			
<b>Waste Class Desc:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Class:</b>		146 T			
<b>Waste Class Desc:</b>		Other specified inorganic sludges, slurries or solids			
<b>Waste Class:</b>		148 A			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		148 C			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		148 I			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		212 I			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		212 L			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		242 L			
<b>Waste Class Desc:</b>		Halogenated pesticides and herbicides			
<b>Waste Class:</b>		269 T			
<b>Waste Class Desc:</b>		Organic non-halogenated pesticide and herbicide wastes			
<b>Waste Class:</b>		312 P			
<b>Waste Class Desc:</b>		Pathological wastes			
<b>Waste Class:</b>		242 T			
<b>Waste Class Desc:</b>		Halogenated pesticides and herbicides			
<b>Waste Class:</b>		252 L			
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			
<b>Waste Class:</b>		261 A			
<b>Waste Class Desc:</b>		Pharmaceuticals			
<b>Waste Class:</b>		261 I			
<b>Waste Class Desc:</b>		Pharmaceuticals			
<b>Waste Class:</b>		261 L			
<b>Waste Class Desc:</b>		Pharmaceuticals			
<b>Waste Class:</b>		331 I			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			
<b>Waste Class:</b>		331 L			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			
<b>Waste Class:</b>		262 C			
<b>Waste Class Desc:</b>		Detergents and soaps			
<b>Waste Class:</b>		262 L			
<b>Waste Class Desc:</b>		Detergents and soaps			

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class:</b>		263 A			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		263 I			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		263 L			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			

<u>17</u>	2 of 3	N/198.7	97.9 / -1.00	Value Village 4345 Strandherd Drive Store #2147 Ottawa ON K2J 6E5	GEN
<b>Generator No:</b>	ON7732551			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Jul 2020			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>					
<b>SIC Description:</b>					

**Detail(s)**

<b>Waste Class:</b>	263 L
<b>Waste Class Desc:</b>	Misc. waste organic chemicals
<b>Waste Class:</b>	145 I
<b>Waste Class Desc:</b>	Wastes from the use of pigments, coatings and paints
<b>Waste Class:</b>	112 C
<b>Waste Class Desc:</b>	Acid solutions - containing heavy metals
<b>Waste Class:</b>	263 I
<b>Waste Class Desc:</b>	Misc. waste organic chemicals
<b>Waste Class:</b>	261 A
<b>Waste Class Desc:</b>	Pharmaceuticals
<b>Waste Class:</b>	242 T
<b>Waste Class Desc:</b>	Halogenated pesticides and herbicides
<b>Waste Class:</b>	122 C
<b>Waste Class Desc:</b>	Alkaline slutions - containing other metals and non-metals (not cyanide)
<b>Waste Class:</b>	148 A
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals
<b>Waste Class:</b>	212 I
<b>Waste Class Desc:</b>	Aliphatic solvents and residues
<b>Waste Class:</b>	312 P
<b>Waste Class Desc:</b>	Pathological wastes
<b>Waste Class:</b>	261 L
<b>Waste Class Desc:</b>	Pharmaceuticals
<b>Waste Class:</b>	212 L
<b>Waste Class Desc:</b>	Aliphatic solvents and residues
<b>Waste Class:</b>	145 L
<b>Waste Class Desc:</b>	Wastes from the use of pigments, coatings and paints
<b>Waste Class:</b>	331 I
<b>Waste Class Desc:</b>	Waste compressed gases including cylinders

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Waste Class:</b>		252 L			
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			
<b>Waste Class:</b>		262 C			
<b>Waste Class Desc:</b>		Detergents and soaps			
<b>Waste Class:</b>		148 I			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		269 T			
<b>Waste Class Desc:</b>		Organic non-halogenated pesticide and herbicide wastes			
<b>Waste Class:</b>		146 T			
<b>Waste Class Desc:</b>		Other specified inorganic sludges, slurries or solids			
<b>Waste Class:</b>		148 C			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		263 A			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		261 I			
<b>Waste Class Desc:</b>		Pharmaceuticals			
<b>Waste Class:</b>		262 L			
<b>Waste Class Desc:</b>		Detergents and soaps			
<b>Waste Class:</b>		331 L			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			
<b>Waste Class:</b>		242 L			
<b>Waste Class Desc:</b>		Halogenated pesticides and herbicides			

[17](#)    3 of 3    **N/198.7**    **97.9 / -1.00**    **Value Village**  
**4345 Strandherd Drive Store #2147**  
**Ottawa ON K2J 6E5**    **GEN**

<b>Generator No:</b>	ON7732551	<b>PO Box No:</b>	
<b>Status:</b>	Registered	<b>Country:</b>	Canada
<b>Approval Years:</b>	As of Aug 2021	<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>		<b>Co Admin:</b>	
<b>MHSW Facility:</b>		<b>Phone No Admin:</b>	
<b>SIC Code:</b>			
<b>SIC Description:</b>			

**Detail(s)**

<b>Waste Class:</b>	148 I
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals
<b>Waste Class:</b>	148 C
<b>Waste Class Desc:</b>	Misc. wastes and inorganic chemicals
<b>Waste Class:</b>	242 T
<b>Waste Class Desc:</b>	Halogenated pesticides and herbicides
<b>Waste Class:</b>	331 L
<b>Waste Class Desc:</b>	Waste compressed gases including cylinders
<b>Waste Class:</b>	212 I
<b>Waste Class Desc:</b>	Aliphatic solvents and residues
<b>Waste Class:</b>	145 L

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class Desc:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Class:</b>		145 I			
<b>Waste Class Desc:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Class:</b>		263 L			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		146 T			
<b>Waste Class Desc:</b>		Other specified inorganic sludges, slurries or solids			
<b>Waste Class:</b>		262 C			
<b>Waste Class Desc:</b>		Detergents and soaps			
<b>Waste Class:</b>		212 L			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		331 I			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			
<b>Waste Class:</b>		262 L			
<b>Waste Class Desc:</b>		Detergents and soaps			
<b>Waste Class:</b>		263 I			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		269 T			
<b>Waste Class Desc:</b>		Organic non-halogenated pesticide and herbicide wastes			
<b>Waste Class:</b>		261 I			
<b>Waste Class Desc:</b>		Pharmaceuticals			
<b>Waste Class:</b>		148 A			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		242 L			
<b>Waste Class Desc:</b>		Halogenated pesticides and herbicides			
<b>Waste Class:</b>		263 A			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		261 A			
<b>Waste Class Desc:</b>		Pharmaceuticals			
<b>Waste Class:</b>		312 P			
<b>Waste Class Desc:</b>		Pathological wastes			
<b>Waste Class:</b>		252 L			
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			
<b>Waste Class:</b>		261 L			
<b>Waste Class Desc:</b>		Pharmaceuticals			
<b>Waste Class:</b>		122 C			
<b>Waste Class Desc:</b>		Alkaline slutions - containing other metals and non-metals (not cyanide)			
<b>Waste Class:</b>		112 C			
<b>Waste Class Desc:</b>		Acid solutions - containing heavy metals			

[18](#)

1 of 1

**NNE/227.5**

**98.4 / -0.43**

**Strandherd Road Inc.  
4337 Strandherd Dr  
Ottawa ON K2C 0P9**

**ECA**

**Approval No:** 9584-9TDR3C  
**Approval Date:** 2015-02-19

**MOE District:** Ottawa  
**City:**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Status:</b>	Revoked and/or Replaced			<b>Longitude:</b>	-75.77895
<b>Record Type:</b>	ECA			<b>Latitude:</b>	45.27079
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>	Rideau Valley			<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
<b>Project Type:</b>	MUNICIPAL AND PRIVATE SEWAGE WORKS				
<b>Business Name:</b>	Strandherd Road Inc.				
<b>Address:</b>	4337 Strandherd Dr				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/6917-9P9QHG-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/6917-9P9QHG-14.pdf</a>				
<b>PDF Site Location:</b>					

<a href="#">19</a>	1 of 1	<b>SE/242.0</b>	<b>94.9 / -4.00</b>	<b>2472099 Ontario Inc. 555 Dealership Drive Ottawa ON K2E 1A3</b>	<b>ECA</b>
<b>Approval No:</b>	7467-BHUMKR			<b>MOE District:</b>	
<b>Approval Date:</b>	2019-12-01			<b>City:</b>	
<b>Status:</b>	Approved			<b>Longitude:</b>	
<b>Record Type:</b>	ECA			<b>Latitude:</b>	
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>				<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-INDUSTRIAL SEWAGE WORKS				
<b>Project Type:</b>	INDUSTRIAL SEWAGE WORKS				
<b>Business Name:</b>	2472099 Ontario Inc.				
<b>Address:</b>	555 Dealership Drive				
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/4861-B9MPQY-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/4861-B9MPQY-14.pdf</a>				
<b>PDF Site Location:</b>					

<a href="#">20</a>	1 of 1	<b>ENE/243.6</b>	<b>95.9 / -3.00</b>	<b>303 COPPERFIELD CRESCENT OTTAWA ON</b>	<b>HINC</b>
<b>External File Num:</b>	FS INC 0812-07794				
<b>Fuel Occurrence Type:</b>	CO Release				
<b>Date of Occurrence:</b>	12/13/2008				
<b>Fuel Type Involved:</b>	Natural Gas				
<b>Status Desc:</b>	Completed - Causal Analysis(End)				
<b>Job Type Desc:</b>	Incident/Near-Miss Occurrence (FS)				
<b>Oper. Type Involved:</b>	Multi-unit Residential				
<b>Service Interruptions:</b>	Yes				
<b>Property Damage:</b>	No				
<b>Fuel Life Cycle Stage:</b>	Utilization				
<b>Root Cause:</b>	Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:Yes Management:No Human Factors:Yes				
<b>Reported Details:</b>					
<b>Fuel Category:</b>	Unknown				
<b>Occurrence Type:</b>	Incident				
<b>Affiliation:</b>	Emergency Services (Fire, Police,etc)				
<b>County Name:</b>	Ottawa				
<b>Approx. Quant. Rel:</b>					
<b>Nearby body of water:</b>					
<b>Enter Drainage Syst.:</b>					
<b>Approx. Quant. Unit:</b>					
<b>Environmental Impact:</b>					

<a href="#">21</a>	1 of 1	<b>ENE/244.8</b>	<b>96.9 / -2.00</b>	<b>25 Chesapeake Crescent, Ottawa ON</b>	<b>PINC</b>
<b>Incident ID:</b>				<b>Pipe Material:</b>	



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Incident No:</b>	803770			<b>Fuel Category:</b> Natural Gas	
<b>Incident Reported Dt:</b>				<b>Health Impact:</b>	
<b>Type:</b>	FS-Pipeline Incident			<b>Environment Impact:</b>	
<b>Status Code:</b>	Pipeline Damage Reason Est			<b>Property Damage:</b> Yes	
<b>Tank Status:</b>	RC Established			<b>Service Interrupt:</b>	
<b>Task No:</b>	3821406			<b>Enforce Policy:</b> Yes	
<b>Spills Action Centre:</b>				<b>Public Relation:</b>	
<b>Fuel Type:</b>				<b>Pipeline System:</b>	
<b>Fuel Occurrence Tp:</b>				<b>PSIG:</b>	
<b>Date of Occurrence:</b>				<b>Attribute Category:</b> FS-Perform P-line Inc Invest	
<b>Occurrence Start Dt:</b>	2012/05/07			<b>Regulator Location:</b>	
<b>Depth:</b>				<b>Method Details:</b> E-mail	
<b>Customer Acct Name:</b>					
<b>Incident Address:</b>					
<b>Operation Type:</b>					
<b>Pipeline Type:</b>					
<b>Regulator Type:</b>					
<b>Summary:</b>	25 Chesapeake Crescent, Ottawa - 1 ¼" Pipeline Hit				
<b>Reported By:</b>	Jeff.Stiles@enbridge.com				
<b>Affiliation:</b>					
<b>Occurrence Desc:</b>					
<b>Damage Reason:</b>	Excavation practices not sufficient				
<b>Notes:</b>					

<a href="#">22</a>	1 of 1	<b>ESE/245.6</b>	<b>95.9 / -3.00</b>	<b>Tomlinson Environmental Services Ltd. Dealership Dr and Philsar street Ottawa ON</b>	<b>SPL</b>
<b>Ref No:</b>	6548-AA9N6P			<b>Discharger Report:</b>	
<b>Site No:</b>	NA			<b>Material Group:</b>	
<b>Incident Dt:</b>	2016/05/24			<b>Health/Env Conseq:</b>	
<b>Year:</b>				<b>Client Type:</b>	
<b>Incident Cause:</b>				<b>Sector Type:</b> Other	
<b>Incident Event:</b>	Leak/Break			<b>Agency Involved:</b>	
<b>Contaminant Code:</b>	13			<b>Nearest Watercourse:</b>	
<b>Contaminant Name:</b>	DIESEL FUEL			<b>Site Address:</b> Dealership Dr and Philsar street	
<b>Contaminant Limit 1:</b>				<b>Site District Office:</b>	
<b>Contam Limit Freq 1:</b>				<b>Site Postal Code:</b>	
<b>Contaminant UN No 1:</b>				<b>Site Region:</b>	
<b>Environment Impact:</b>				<b>Site Municipality:</b> Ottawa	
<b>Nature of Impact:</b>				<b>Site Lot:</b>	
<b>Receiving Medium:</b>				<b>Site Conc:</b>	
<b>Receiving Env:</b>	Land			<b>Northing:</b> 5012534	
<b>MOE Response:</b>	No			<b>Easting:</b> 438823	
<b>Dt MOE Arvl on Scrn:</b>				<b>Site Geo Ref Accu:</b>	
<b>MOE Reported Dt:</b>	2016/05/24			<b>Site Map Datum:</b>	
<b>Dt Document Closed:</b>				<b>SAC Action Class:</b> Land Spills	
<b>Incident Reason:</b>	Unknown / N/A			<b>Source Type:</b>	
<b>Site Name:</b>	spill<UNOFFICIAL>				
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Incident Summary:</b>	D&G Landscaping - ~2-20L diesel to road and CB				
<b>Contaminant Qty:</b>	20 L				

<a href="#">23</a>	1 of 3	<b>E/245.7</b>	<b>94.9 / -4.00</b>	<b>Dr.Irina Smirnova Professional Dentisty Corp 240 Kennevale drive, Unit 104 Ottawa ON K2J 6B6</b>	<b>GEN</b>
<b>Generator No:</b>	ON9259644			<b>PO Box No:</b>	
<b>Status:</b>	Registered			<b>Country:</b> Canada	
<b>Approval Years:</b>	As of Dec 2018			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>				<b>Phone No Admin:</b>	
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		312 P Pathological wastes			
<a href="#">23</a>	2 of 3	E/245.7	94.9 / -4.00	<b>Dr.Irina Smirnova Professional Dentisty Corp</b> <b>240 Kennevale drive, Unit 104</b> <b>Ottawa ON K2J 6B6</b>	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		ON9259644 Registered As of Oct 2019		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
		Canada			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		312 P Pathological wastes			
<a href="#">23</a>	3 of 3	E/245.7	94.9 / -4.00	<b>Dr.Irina Smirnova Professional Dentisty Corp</b> <b>240 Kennevale drive, Unit 104</b> <b>Ottawa ON K2J 6B6</b>	GEN
<b>Generator No:</b> <b>Status:</b> <b>Approval Years:</b> <b>Contam. Facility:</b> <b>MHSW Facility:</b> <b>SIC Code:</b> <b>SIC Description:</b>		ON9259644 Registered As of Aug 2021		<b>PO Box No:</b> <b>Country:</b> <b>Choice of Contact:</b> <b>Co Admin:</b> <b>Phone No Admin:</b>	
		Canada			
<b><u>Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Desc:</b>		312 P Pathological wastes			

# Unplottable Summary

Total: **50** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	DCR/Phoenix Development Corporation Limited	Lots 16 and 17, Concession 4 (Rideau Front)	Ottawa ON	
CA	DCR/Phoenix Development Corporation Limited and the National Capital Commission		Ottawa ON	
CA	City of Ottawa	Strandherd Drive	Ottawa ON	
CA	DCR/Phoenix Development Corporation Limited		Ottawa ON	
CA	DCR/Phoenix Development Corporation Limited		Ottawa ON	
CA	DCR/Phoenix Development Corporation Limited		Ottawa ON	
CA	Costco Wholesale Canada Ltd.		Ottawa ON	
CA	DCR/Phoenix Development Corporation Limited		Ottawa ON	
CA	DCR/Phoenix Development Corporation Limited		Ottawa ON	
CA	DCR/Phoenix Development Corporation Limited		Ottawa ON	
CA	City of Ottawa	Strandherd Drive	Ottawa ON	
CA	DCR/Phoenix Development Corporation Limited		Ottawa ON	
CA	Claridge Homes (Strandherd) Inc.		Ottawa ON	
CA	Costco Wholesale Canada Ltd.		Ottawa ON	
CA	DCR/Phoenix Development Corporation Limited		Ottawa ON	
CA	DCR/Phoenix Development Corporation Limited		Ottawa ON	

CA	Bank Street & Conroy Road	Lot 15 to 18, Concession 4&5	Ottawa ON	
CA	DCR/PHOENIX DEVELOPMENMT CORP.	STRANDHERD DRIVE	NEPEAN CITY ON	
CONV	Brandon James Amell	Highway 416	Ottawa ON	
EBR	Tomlinson Environmental Services Ltd.	Mobile Facility Ottawa CITY OF OTTAWA	ON	
EBR	Regional Group of Companies Inc.	Lots 18-20, Concession 4, Geographic Township of Nepean East side of Highway 416, south of Fallowfield Road, west of Strandherd Drive. CITY OF OTTAWA	ON	
ECA	Tomlinson Environmental Services Ltd.	Mobile Facility	Ottawa ON	K1G 3N4
ECA	City of Ottawa	Strandherd Drive	Ottawa ON	K2G 6J8
ECA	DCR/Phoenix Development Corporation Limited		Ottawa ON	K2E 6T8
ECA	Tomlinson Environmental Services Ltd.	Mobile Facility	Ottawa ON	K2R 6K7
EHS		Strandherd Dr	Nepean ON	
LIMO		Lot 18 Concession 4 Ottawa	ON	
RSC	CLARIDGE HOMES (CARSON) INC.	No Municipal Address	Ottawa ON	
SPL	Costco Wholesale Corporation		Ottawa ON	
SPL	Tomlinson Environmental Services Ltd.		Ottawa ON	
SPL	Geo. W. Drummond Excavating Inc<UNOFFICIAL>	Strandherd Dr and Temporary	Ottawa ON	
WWIS		lot 18	ON	
WWIS		lot 18	ON	
WWIS		lot 18	ON	
WWIS		lot 18 con 4	OTTAWA ON	
WWIS		lot 18	ON	
WWIS		lot 18	ON	
WWIS		lot 18	ON	

WWIS	lot 18	ON
WWIS	lot 18	ON
WWIS	lot 18	ON
WWIS	lot 18	ON
WWIS	lot 18	ON
WWIS	lot 18	ON
WWIS	lot 18	ON
WWIS	lot 18	ON
WWIS	lot 19 con 4	ON
WWIS	lot 17	ON
WWIS	lot 17	ON
WWIS	lot 19	ON
WWIS	lot 18	ON

# Unplottable Report

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**Site:** DCR/Phoenix Development Corporation Limited  
Lots 16 and 17, Concession 4 (Rideau Front) Ottawa ON

**Database:**  
CA

**Certificate #:** 0125-6D5RH6  
**Application Year:** 2005  
**Issue Date:** 6/9/2005  
**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:**

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**Site:** DCR/Phoenix Development Corporation Limited and the National Capital Commission  
Ottawa ON

**Database:**  
CA

**Certificate #:** 1108-64ENJ3  
**Application Year:** 2004  
**Issue Date:** 10/7/2004  
**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:**

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**Site:** City of Ottawa  
Strandherd Drive Ottawa ON

**Database:**  
CA

**Certificate #:** 1254-73VKL4  
**Application Year:** 2007  
**Issue Date:** 6/17/2007  
**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:**

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**Site:** DCR/Phoenix Development Corporation Limited  
Ottawa ON

**Database:**  
CA

**Certificate #:** 2423-8BKMY7

**Application Year:** 2010  
**Issue Date:** 12/13/2010  
**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:**

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**Site:** *DCR/Phoenix Development Corporation Limited*  
*Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 2519-89BLNM  
**Application Year:** 2010  
**Issue Date:** 9/17/2010  
**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:**

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**Site:** *DCR/Phoenix Development Corporation Limited*  
*Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 3694-6EQPPV  
**Application Year:** 2005  
**Issue Date:** 8/8/2005  
**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:**

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**Site:** *Costco Wholesale Canada Ltd.*  
*Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 3795-67VQLX  
**Application Year:** 2005  
**Issue Date:** 1/14/2005  
**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:**

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**Site:** DCR/Phoenix Development Corporation Limited  
Ottawa ON

**Database:**  
CA

**Certificate #:** 4027-78FLST  
**Application Year:** 2007  
**Issue Date:** 10/30/2007  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Revoked and/or Replaced  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** DCR/Phoenix Development Corporation Limited  
Ottawa ON

**Database:**  
CA

**Certificate #:** 4370-7WBQGD  
**Application Year:** 2009  
**Issue Date:** 10/2/2009  
**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:**

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**Site:** DCR/Phoenix Development Corporation Limited  
Ottawa ON

**Database:**  
CA

**Certificate #:** 5746-89AQZW  
**Application Year:** 2010  
**Issue Date:** 9/17/2010  
**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:**

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**Site:** City of Ottawa  
Strandherd Drive Ottawa ON

**Database:**  
CA

**Certificate #:** 5791-77LJ85  
**Application Year:** 2007  
**Issue Date:** 10/2/2007  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Revoked and/or Replaced  
**Application Type:**  
**Client Name:**  
**Client Address:**



**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

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**Site:** *DCR/Phoenix Development Corporation Limited*  
*Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 6336-5ZSPY5  
**Application Year:** 2004  
**Issue Date:** 6/11/2004  
**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:** *Claridge Homes (Strandherd) Inc.*  
*Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 7488-6U9S5E  
**Application Year:** 2006  
**Issue Date:** 10/6/2006  
**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:**

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**Site:** *Costco Wholesale Canada Ltd.*  
*Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 8486-67BPPB  
**Application Year:** 2004  
**Issue Date:** 12/6/2004  
**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:**

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**Site:** *DCR/Phoenix Development Corporation Limited*  
*Ottawa ON*

**Database:**  
*CA*

**Certificate #:** 8716-69QKEM  
**Application Year:** 2005

**Issue Date:** 2/18/2005  
**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:**

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**Site:** **DCR/Phoenix Development Corporation Limited**  
**Ottawa ON**

**Database:**  
**CA**

**Certificate #:** 7851-8CTN4K  
**Application Year:** 2011  
**Issue Date:** 1/7/2011  
**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:**

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**Site:** **Bank Street & Conroy Road**  
**Lot 15 to 18, Concession 4&5 Ottawa ON**

**Database:**  
**CA**

**Certificate #:** 1151-52XLM4  
**Application Year:** 01  
**Issue Date:** 9/27/01  
**Approval Type:** Municipal & Private sewage  
**Status:** Approved  
**Application Type:** New Certificate of Approval  
**Client Name:** The Corporation of the City of Ottawa  
**Client Address:** 110 Laurier Avenue West  
**Client City:** Ottawa  
**Client Postal Code:** K1P 1J1  
**Project Description:** Construction of Sanitary Gravity Sewers  
**Contaminants:**  
**Emission Control:**

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**Site:** **DCR/PHOENIX DEVELOPMENTS CORP.**  
**STRANDHERD DRIVE NEPEAN CITY ON**

**Database:**  
**CA**

**Certificate #:** 3-1122-90-  
**Application Year:** 90  
**Issue Date:** 6/26/1990  
**Approval Type:** Municipal sewage  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

**Site:** *Brandon James Amell  
Highway 416 Ottawa ON*

**Database:**  
*CONV*

**File No:**  
**Crown Brief No:**  
**Court Location:** Ottawa  
**Publication City:**  
**Publication Title:** Diesel Truck Owner fined \$500 for an Environmental Protection Act Violation  
**Act:** Environmental Protection Act

**Location:**  
**Region:**  
**Ministry District:**

**Act(s):**  
**First Matter:**  
**Second Matter:**  
**Investigation 1:**  
**Investigation 2:**  
**Penalty Imposed:**

Brandon Amell was convicted of one violation under the Environmental Protection Act and was fined \$500 plus a victim fine surcharge of \$110 and was given 3 months to pay.

**Description:**

The conviction relates to hindering or obstructing a Provincial Officer in the lawful performance of his duties by evading the Provincial Officer.

**Background:**

Drive Clean is an Ontario Environmental Protection Act program that is enforced by the Ministry of the Environment, Conservation and Parks and is designed to reduce smog-causing pollutants from motor vehicles. On April 11, 2018, ministry officers were monitoring traffic on Highway 416 in Ottawa for the purpose of performing roadside inspections to enforce the Drive Clean program. The ministry officers were wearing visual identification enforcement officer uniforms and were driving in a ministry patrol vehicle that was equipped with a red-light package.

On this date, the ministry officer signalled a white GMC diesel pickup truck to stop for an inspection by activating the red-light package on the ministry vehicle.

Brandon James Amell was driving the pickup and failed to immediately bring the vehicle to a safe stop, but instead accelerated away and took a highway off ramp.

It is understood that Mr. Amell did this because he was concerned about being caught driving while under suspension.

**URL:**

The ministry's Investigations and Enforcement Branch investigated and laid charges resulting in one conviction.  
<https://news.ontario.ca/ene/en/2019/10/diesel-truck-owner-fined-500-for-an-environmental-protection-act-violation.html>

**Additional Details**

**Publication Date:** October 15, 2019 4:00 P.M.  
**Count:**  
**Act:**  
**Regulation:**  
**Section:**  
**Act/Regulation/Section:**  
**Date of Offence:** On or about April 11, 2018  
**Date of Conviction:** September 18, 2019  
**Date Charged:**  
**Charge Disposition:**  
**Fine:** \$500  
**Synopsis:**

**Site:** *Tomlinson Environmental Services Ltd.  
Mobile Facility Ottawa CITY OF OTTAWA ON*

**Database:**  
*EBR*

**EBR Registry No:** 011-5279  
**Ministry Ref No:** 7519-8P2K34  
**Notice Type:** Instrument Decision  
**Notice Stage:**  
**Notice Date:** February 11, 2016  
**Proposal Date:** December 05, 2011  
**Year:** 2011  
**Instrument Type:** (EPA Part II.1-air) - Environmental Compliance Approval (project type: air)  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Tomlinson Environmental Services Ltd.  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 5597 Power Road, Ottawa Ontario, Canada K1G 3N4

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

**Comment Period:**  
**URL:**

**Site Location Details:**

Mobile Facility Ottawa CITY OF OTTAWA

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**Site:** *Regional Group of Companies Inc.*  
*Lots 18-20, Concession 4, Geographic Township of Nepean East side of Highway 416, south of Fallowfield Road, west of Strandherd Drive. CITY OF OTTAWA ON*

**Database:**  
[EBR](#)

**EBR Registry No:** 012-4505  
**Ministry Ref No:** MNRF INST 51/15  
**Notice Type:** Instrument Decision  
**Notice Stage:**  
**Notice Date:** December 13, 2016  
**Proposal Date:** July 02, 2015  
**Year:** 2015  
**Decision Posted:**  
**Exception Posted:**  
**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**

**Instrument Type:** (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Regional Group of Companies Inc.  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 1737 Woodward Drive, 2nd Floor, Ottawa Ontario, Canada K2C 0P9  
**Comment Period:**  
**URL:**

**Site Location Details:**

Lots 18-20, Concession 4, Geographic Township of Nepean East side of Highway 416, south of Fallowfield Road, west of Strandherd Drive. CITY OF OTTAWA

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**Site:** *Tomlinson Environmental Services Ltd.*  
*Mobile Facility Ottawa ON K1G 3N4*

**Database:**  
[ECA](#)

**Approval No:** 1685-A6EJ97  
**Approval Date:** 2016-02-03  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-AIR  
**Project Type:** AIR  
**Business Name:** Tomlinson Environmental Services Ltd.  
**Address:** Mobile Facility  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/7519-8P2K34-14.pdf>  
**PDF Site Location:**

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

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**Site:** *City of Ottawa*  
*Strandherd Drive Ottawa ON K2G 6J8*

**Database:**  
[ECA](#)

**Approval No:** 2068-BQ6RQX  
**Approval Date:** 2020-06-04  
**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

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

**Business Name:** City of Ottawa  
**Address:** Strandherd Drive  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/4653-BPDQTP-14.pdf>  
**PDF Site Location:**

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**Site:** **DCR/Phoenix Development Corporation Limited**  
**Ottawa ON K2E 6T8**

**Database:**  
**ECA**

**Approval No:** 2423-8BKMY7  
**Approval Date:** 2010-12-13  
**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:** DCR/Phoenix Development Corporation Limited  
**Address:**  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/9905-8BAK88-14.pdf>  
**PDF Site Location:**

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

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**Site:** **Tomlinson Environmental Services Ltd.**  
**Mobile Facility Ottawa ON K2R 6K7**

**Database:**  
**ECA**

**Approval No:** 7083-BXLJKZ  
**Approval Date:** 2021-03-15  
**Status:** Approved  
**Record Type:** ECA  
**Link Source:** IDS  
**SWP Area Name:**  
**Approval Type:** ECA-INDUSTRIAL SEWAGE WORKS  
**Project Type:** INDUSTRIAL SEWAGE WORKS  
**Business Name:** Tomlinson Environmental Services Ltd.  
**Address:** Mobile Facility  
**Full Address:**  
**Full PDF Link:** <https://www.accessenvironment.ene.gov.on.ca/instruments/5994-BVEHYM-14.pdf>  
**PDF Site Location:**

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

---

**Site:** **Strandherd Dr Nepean ON**

**Database:**  
**EHS**

**Order No:** 20000612004  
**Status:** C  
**Report Type:** Site Report  
**Report Date:** 6/13/00  
**Date Received:** 6/12/00  
**Previous Site Name:**  
**Lot/Building Size:** lots 17-20 Con. 4 (200 acres)  
**Additional Info Ordered:**

**Nearest Intersection:** Hwy 416  
**Municipality:**  
**Client Prov/State:** ON  
**Search Radius (km):** 0.85  
**X:** -75.786444  
**Y:** 45.267925

---

**Site:** **Lot 18 Concession 4 Ottawa ON**

**Database:**  
**LIMO**

**ECA/Instrument No:** X9006  
**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):**

**Natural Attenuation:**  
**Liners:**  
**Cover Material:**  
**Leachate Off-Site:**  
**Leachate On Site:**  
**Req Coll Lndfl Gas:**  
**Lndfl Gas Coll:**

**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 18 Concession 4  
 Ottawa  
**Service Area:**  
**Page URL:**

**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:** CLARIDGE HOMES (CARSON) INC.  
 No Municipal Address Ottawa ON

**Database:**  
 RSC

**RSC ID:** 223098  
**RA No:**  
**RSC Type:** Phase 1 and 2 RSC  
**Curr Property Use:** Agricultural/Other  
**Ministry District:** Ottawa District Office  
**Filing Date:** 2017/03/24  
**Date Ack:**  
**Date Returned:**  
**Restoration Type:**  
**Soil Type:**  
**Criteria:**  
**CPU Issued Sect 1686:**  
**Asmt Roll No:** 061460021514215  
**Prop ID No (PIN):** 04352-2076 (LT),  
 04352-2075 (LT),  
 04352-2077 (LT)  
**Property Municipal Address:** No Municipal Address  
**Mailing Address:**  
**Latitude & Longitude:**  
**UTM Coordinates:**  
**Consultant:**  
**Legal Desc:**  
**Measurement Method:**  
**Applicable Standards:**  
**RSC PDF:**

**Cert Date:**  
**Cert Prop Use No:**  
**Intended Prop Use:** Residential  
**Qual Person Name:** ADRIAN MENYHART  
**Stratified (Y/N):**  
**Audit (Y/N):**  
**Entire Leg Prop. (Y/N):**  
**Accuracy Estimate:**  
**Telephone:**  
**Fax:**  
**Email:**

<https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=76631&fileName=BROWNFIELDS-E.pdf>

**Document(s) Detail**

**Document Heading:** Supporting Documents  
**Document Name:** Plan of Survey - January 2017.pdf  
**Document Type:** A Current plan of Survey  
**Document Link:** <https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=76633&fileName=Plan+of+Survey+-+January+2017.pdf>

**Document Heading:** Supporting Documents

**Document Name:** certificatestatus.pdf  
**Document Type:** Certificate of Status  
**Document Link:** https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=76632&fileName=certificatestatus.pdf

**Document Heading:** Supporting Documents  
**Document Name:** Transfer.pdf  
**Document Type:** Copy of any deed(s), transfer(s) or other document(s)  
**Document Link:** https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=78674&fileName=Transfer.pdf

**Document Heading:** Supporting Documents  
**Document Name:** Table of Current and Past Uses.pdf  
**Document Type:** Table of Current and Past Property Use  
**Document Link:** https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=76636&fileName=Table+of+Current+and+Past+Uses.pdf

**Document Heading:** Supporting Documents  
**Document Name:** Phase II CSM Feb 2017.pdf  
**Document Type:** Phase 2 Conceptual Site Model  
**Document Link:** https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=76638&fileName=Phase+II+CSM+Feb+2017.pdf

**Document Heading:** Supporting Documents  
**Document Name:** LawyersLetter.pdf  
**Document Type:** Lawyer's letter consisting of a legal description of the property  
**Document Link:** https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=78675&fileName=LawyersLetter.pdf

**Document Heading:** Supporting Documents  
**Document Name:** APECTable.pdf  
**Document Type:** Area(s) of Potential Environmental Concern  
**Document Link:** https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/viewDocument.action?attachmentId=78676&fileName=APECTable.pdf

**Site:** *Costco Wholesale Corporation  
Ottawa ON*

**Database:**  
*SPL*

<p> <b>Ref No:</b> 1750-9HENAF  <b>Site No:</b> NA  <b>Incident Dt:</b> 2014/03/21  <b>Year:</b>  <b>Incident Cause:</b> Leak/Break  <b>Incident Event:</b>  <b>Contaminant Code:</b> 38  <b>Contaminant Name:</b> FREON R-22 (CFC)  <b>Contaminant Limit 1:</b>  <b>Contam Limit Freq 1:</b>  <b>Contaminant UN No 1:</b>  <b>Environment Impact:</b> Confirmed  <b>Nature of Impact:</b> Air Pollution  <b>Receiving Medium:</b>  <b>Receiving Env:</b>  <b>MOE Response:</b> No Field Response  <b>Dt MOE Arvl on Scn:</b>  <b>MOE Reported Dt:</b> 2014/03/21  <b>Dt Document Closed:</b> 2014/10/16  <b>Incident Reason:</b> Equipment Failure  <b>Site Name:</b> 1849 Merivale Rd&lt;UNOFFICIAL&gt;  <b>Site County/District:</b>  <b>Site Geo Ref Meth:</b>  <b>Incident Summary:</b> Cosco Refridgerant leak: 250 lbs Refridgerant release  <b>Contaminant Qty:</b> 250 lb         </p>	<p> <b>Discharger Report:</b>  <b>Material Group:</b>  <b>Health/Env Conseq:</b>  <b>Client Type:</b>  <b>Sector Type:</b> Pipeline/Components  <b>Agency Involved:</b>  <b>Nearest Watercourse:</b>  <b>Site Address:</b>  <b>Site District Office:</b>  <b>Site Postal Code:</b>  <b>Site Region:</b>  <b>Site Municipality:</b> Ottawa  <b>Site Lot:</b>  <b>Site Conc:</b>  <b>Northing:</b>  <b>Easting:</b>  <b>Site Geo Ref Accu:</b>  <b>Site Map Datum:</b>  <b>SAC Action Class:</b> Air Spills - Gases and Vapours  <b>Source Type:</b> </p>
---	---

**Site:** *Tomlinson Environmental Services Ltd.  
Ottawa ON*

**Database:**  
*SPL*

**Ref No:** 0701-9KKJ43  
**Site No:** NA  
**Incident Dt:** 2014/05/29  
**Year:**  
**Incident Cause:** Unknown / N/A  
**Incident Event:**  
**Contaminant Code:** 15  
**Contaminant Name:** OIL (PETROLEUM BASED, NOT SPECIFIED)  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** Not Anticipated  
**Nature of Impact:** Other Impact(s); Soil Contamination  
**Receiving Medium:**  
**Receiving Env:**  
**MOE Response:** No Field Response  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 2014/05/29  
**Dt Document Closed:** 2014/11/07  
**Incident Reason:** Unknown / N/A  
**Site Name:** 5555 power Road<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** Tomlinson Env: 100L oily water to lot, clnd  
**Contaminant Qty:** 100 L

**Discharger Report:**  
**Material Group:**  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Unknown / N/A  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**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:** **Geo. W. Drummond Excavating Inc<UNOFFICIAL>**  
**Strandherd Dr and Temporary Ottawa ON**

**Database:**  
**SPL**

**Ref No:** 6067-6EASVT  
**Site No:**  
**Incident Dt:** 7/14/2005  
**Year:**  
**Incident Cause:** Overturn - Truck Or Trailer  
**Incident Event:**  
**Contaminant Code:**  
**Contaminant Name:** DIESEL FUEL  
**Contaminant Limit 1:**  
**Contam Limit Freq 1:**  
**Contaminant UN No 1:**  
**Environment Impact:** Not Anticipated  
**Nature of Impact:** Soil Contamination  
**Receiving Medium:** Land  
**Receiving Env:**  
**MOE Response:**  
**Dt MOE Arvl on Scn:**  
**MOE Reported Dt:** 7/14/2005  
**Dt Document Closed:**  
**Incident Reason:**  
**Site Name:** Roadway<UNOFFICIAL>  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Incident Summary:** Ottawa: MVA 300 L diesel to road, cleaning  
**Contaminant Qty:** unknown L

**Discharger Report:** 0  
**Material Group:** Oil  
**Health/Env Conseq:**  
**Client Type:**  
**Sector Type:** Other Motor Vehicle  
**Agency Involved:**  
**Nearest Watercourse:**  
**Site Address:**  
**Site District Office:** Ottawa  
**Site Postal Code:**  
**Site Region:**  
**Site Municipality:** Ottawa  
**Site Lot:**  
**Site Conc:**  
**Northing:**  
**Easting:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**SAC Action Class:** Spills to Highways (usually highway accidents)  
**Source Type:**

**Site:** **lot 18 ON**

**Database:**  
**WWIS**

**Well ID:** 1528704  
**Construction Date:**  
**Primary Water Use:** Not Used  
**Sec. Water Use:**  
**Final Well Status:** Abandoned-Other  
**Water Type:**  
**Casing Material:**  
**Audit No:** 154348

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 8/25/1995  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 6844  
**Form Version:** 1  
**Owner:**



**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Street Name:**  
**County:** OTTAWA  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**  
**Lot:** 018  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10050240  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** -  
**Code OB Desc:** No formation data  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 08-Aug-1995 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Annular Space/Abandonment Sealing Record**

**Plug ID:** 933113638  
**Layer:** 2  
**Plug From:** 5  
**Plug To:** 16  
**Plug Depth UOM:** ft

**Annular Space/Abandonment Sealing Record**

**Plug ID:** 933113637  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 5  
**Plug Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 961528704  
**Method Construction Code:** B  
**Method Construction:** Other Method  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598810  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930087804  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 16  
**Casing Diameter:** 24  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933326601  
**Layer:** 1  
**Slot:**  
**Screen Top Depth:** 6  
**Screen End Depth:** 16  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 24

**Site:** lot 18 ON

**Database:**  
**WWIS**

**Well ID:** 1528703  
**Construction Date:**  
**Primary Water Use:** Not Used  
**Sec. Water Use:**  
**Final Well Status:** Abandoned-Other  
**Water Type:**  
**Casing Material:**  
**Audit No:** 154347  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 8/25/1995  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 6844  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**  
**Lot:** 018  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10050239  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** -  
**Code OB Desc:** No formation data  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 08-Aug-1995 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933113635  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 4  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933113636  
**Layer:** 2  
**Plug From:** 4  
**Plug To:** 10  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961528703  
**Method Construction Code:** B  
**Method Construction:** Other Method  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598809  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930087803  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 10  
**Casing Diameter:** 2  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933326600  
**Layer:** 1  
**Slot:** 100  
**Screen Top Depth:** 5  
**Screen End Depth:** 10  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 2

**Site:** lot 18 ON

**Database:**  
WWIS

**Well ID:** 1533714  
**Construction Date:**  
**Primary Water Use:**  
**Sec. Water Use:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 5/27/2003  
**Selected Flag:** True

**Final Well Status:** Abandoned-Other  
**Water Type:**  
**Casing Material:**  
**Audit No:** 257729  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Abandonment Rec:**  
**Contractor:** 6907  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**  
**Lot:** 018  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10537548  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** \_  
**Code OB Desc:** No formation data  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 24-Oct-2002 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Method of Construction & Well Use**

**Method Construction ID:** 961533714  
**Method Construction Code:** B  
**Method Construction:** Other Method  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11086118  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Site:** lot 18 con 4 OTTAWA ON

**Database:**  
**WWIS**

**Well ID:** 1535494  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** Z22105  
**Tag:** A002663  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**

**Data Entry Status:**  
**Data Src:**  
**Date Received:** 5/5/2005  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 6667  
**Form Version:** 3  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** CUMBERLAND TOWNSHIP  
**Site Info:**  
**Lot:** 018

Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Concession: 04  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 11316033  
DP2BR:  
Spatial Status:  
Code OB: x  
Code OB Desc: Unknown type in the lower layers(s)  
Open Hole:  
Cluster Kind:  
Date Completed: 22-Nov-2004 00:00:00  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

Elevation:  
Elevrc:  
Zone:  
East83:  
North83:  
Org CS:  
UTMRC:  
UTMRC Desc:  
Location Method: na

**Overburden and Bedrock  
Materials Interval**

Formation ID: 932996488  
Layer: 4  
Color: 2  
General Color: GREY  
Mat1:  
Most Common Material:  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 2.0  
Formation End Depth: 3.75  
Formation End Depth UOM: m

**Overburden and Bedrock  
Materials Interval**

Formation ID: 932996485  
Layer: 1  
Color: 6  
General Color: BROWN  
Mat1: 28  
Most Common Material: SAND  
Mat2: 11  
Mat2 Desc: GRAVEL  
Mat3: 02  
Mat3 Desc: TOPSOIL  
Formation Top Depth: 0.0  
Formation End Depth: 0.20000000298023224  
Formation End Depth UOM: m

**Overburden and Bedrock  
Materials Interval**

Formation ID: 932996489  
Layer: 5

**Color:** 2  
**General Color:** GREY  
**Mat1:**  
**Most Common Material:**  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 3.75  
**Formation End Depth:** 4.25  
**Formation End Depth UOM:** m

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932996486  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 11  
**Mat2 Desc:** GRAVEL  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.20000000298023224  
**Formation End Depth:** 1.0  
**Formation End Depth UOM:** m

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932996487  
**Layer:** 3  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 31  
**Mat2 Desc:** COARSE GRAVEL  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 1.0  
**Formation End Depth:** 2.0  
**Formation End Depth UOM:** m

**Annular Space/Abandonment**  
**Sealing Record**

**Plug ID:** 933268442  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 5  
**Plug Depth UOM:** m

**Method of Construction & Well**  
**Use**

**Method Construction ID:** 961535494  
**Method Construction Code:** A  
**Method Construction:** Digging  
**Other Method Construction:**

**Pipe Information**

Pipe ID: 11330888  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930855306  
Layer: 1  
Material: 3  
Open Hole or Material: CONCRETE  
Depth From: 0  
Depth To: 5  
Casing Diameter: 1.22000002861023  
Casing Diameter UOM: cm  
Casing Depth UOM: m

**Results of Well Yield Testing**

Pump Test ID: 991535494  
Pump Set At:  
Static Level:  
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: 1  
Water State After Test: CLEAR  
Pumping Test Method:  
Pumping Duration HR:  
Pumping Duration MIN:  
Flowing: No

**Water Details**

Water ID: 934059764  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth:  
Water Found Depth UOM: m

**Hole Diameter**

Hole ID: 11533536  
Diameter: 6.0  
Depth From: 0.0  
Depth To:  
Hole Depth UOM: m  
Hole Diameter UOM: cm

**Site:** lot 18 ON

**Database:**  
WWIS

Well ID: 1528702  
Construction Date:  
Primary Water Use: Not Used  
Sec. Water Use:  
Final Well Status: Abandoned-Other  
Water Type:  
Casing Material:  
Audit No: 154346

**Data Entry Status:**  
Data Src: 1  
Date Received: 8/25/1995  
Selected Flag: True  
Abandonment Rec:  
Contractor: 6844  
Form Version: 1  
Owner:

**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Street Name:**  
**County:** OTTAWA  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**  
**Lot:** 018  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10050238  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** -  
**Code OB Desc:** No formation data  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 08-Aug-1995 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Annular Space/Abandonment Sealing Record**

**Plug ID:** 933113633  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 4  
**Plug Depth UOM:** ft

**Annular Space/Abandonment Sealing Record**

**Plug ID:** 933113634  
**Layer:** 2  
**Plug From:** 4  
**Plug To:** 10  
**Plug Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 961528702  
**Method Construction Code:** B  
**Method Construction:** Other Method  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598808  
**Casing No:** 1  
**Comment:**  
**Alt Name:**



**Construction Record - Casing**

**Casing ID:** 930087802  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 10  
**Casing Diameter:** 2  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933326599  
**Layer:** 1  
**Slot:** 100  
**Screen Top Depth:** 5  
**Screen End Depth:** 10  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 2

**Site:** lot 18 ON

**Database:**  
**WWIS**

**Well ID:** 1528701  
**Construction Date:**  
**Primary Water Use:** Not Used  
**Sec. Water Use:**  
**Final Well Status:** Abandoned-Other  
**Water Type:**  
**Casing Material:**  
**Audit No:** 154345  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 8/25/1995  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 6844  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**  
**Lot:** 018  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10050237  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** -  
**Code OB Desc:** No formation data  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 08-Aug-1995 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933113631  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 5  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933113632  
**Layer:** 2  
**Plug From:** 5  
**Plug To:** 15  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961528701  
**Method Construction Code:** B  
**Method Construction:** Other Method  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598807  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930087801  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 15  
**Casing Diameter:** 2  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933326598  
**Layer:** 1  
**Slot:** 100  
**Screen Top Depth:** 5  
**Screen End Depth:** 15  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 2

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**Site:** lot 18 ON

**Database:**  
WWIS

**Well ID:** 1528700  
**Construction Date:**  
**Primary Water Use:** Not Used  
**Sec. Water Use:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 8/25/1995  
**Selected Flag:** True

**Final Well Status:** Abandoned-Other  
**Water Type:**  
**Casing Material:**  
**Audit No:** 154344  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Abandonment Rec:**  
**Contractor:** 6844  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**  
**Lot:** 018  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10050236  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** —  
**Code OB Desc:** No formation data  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 08-Aug-1995 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Annular Space/Abandonment Sealing Record**

**Plug ID:** 933113630  
**Layer:** 2  
**Plug From:** 5  
**Plug To:** 10  
**Plug Depth UOM:** ft

**Annular Space/Abandonment Sealing Record**

**Plug ID:** 933113629  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 5  
**Plug Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 961528700  
**Method Construction Code:** B  
**Method Construction:** Other Method  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598806  
**Casing No:** 1

Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930087800  
Layer: 1  
Material: 5  
Open Hole or Material: PLASTIC  
Depth From:  
Depth To: 10  
Casing Diameter: 2  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Screen**

Screen ID: 933326597  
Layer: 1  
Slot: 100  
Screen Top Depth: 5  
Screen End Depth: 10  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter: 2

**Site:**  
lot 18 ON

**Database:**  
WWIS

Well ID: 1528066  
Construction Date:  
Primary Water Use: Not Used  
Sec. Water Use:  
Final Well Status: Observation Wells  
Water Type:  
Casing Material:  
Audit No: 149115  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Data Entry Status:  
Data Src: 1  
Date Received: 7/28/1994  
Selected Flag: True  
Abandonment Rec:  
Contractor: 6844  
Form Version: 1  
Owner:  
Street Name:  
County: OTTAWA  
Municipality: NEPEAN TOWNSHIP  
Site Info:  
Lot: 018  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10049606  
DP2BR:  
Spatial Status:  
Code OB: o  
Code OB Desc: Overburden  
Open Hole:  
Cluster Kind:  
Date Completed: 23-Jun-1994 00:00:00  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:

Elevation:  
Elevrc:  
Zone: 18  
East83:  
North83:  
Org CS:  
UTMRC: 9  
UTMRC Desc: unknown UTM  
Location Method: na

Source Revision Comment:  
Supplier Comment:

**Overburden and Bedrock**  
**Materials Interval**

Formation ID: 931068463  
Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 11  
Most Common Material: GRAVEL  
Mat2: 79  
Mat2 Desc: PACKED  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0.0  
Formation End Depth: 1.0  
Formation End Depth UOM: ft

**Overburden and Bedrock**  
**Materials Interval**

Formation ID: 931068465  
Layer: 4  
Color: 2  
General Color: GREY  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 85  
Mat2 Desc: SOFT  
Mat3: 74  
Mat3 Desc: LAYERED  
Formation Top Depth: 4.0  
Formation End Depth: 10.0  
Formation End Depth UOM: ft

**Overburden and Bedrock**  
**Materials Interval**

Formation ID: 931068462  
Layer: 1  
Color: 8  
General Color: BLACK  
Mat1: 00  
Most Common Material: UNKNOWN TYPE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0.0  
Formation End Depth: 0.0  
Formation End Depth UOM: ft

**Overburden and Bedrock**  
**Materials Interval**

Formation ID: 931068464  
Layer: 3  
Color: 6  
General Color: BROWN  
Mat1: 05  
Most Common Material: CLAY  
Mat2: 66  
Mat2 Desc: DENSE

**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 1.0  
**Formation End Depth:** 4.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112936  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 2  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112938  
**Layer:** 3  
**Plug From:** 4  
**Plug To:** 10  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112937  
**Layer:** 2  
**Plug From:** 2  
**Plug To:** 4  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961528066  
**Method Construction Code:** 6  
**Method Construction:** Boring  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598176  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930086683  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 10  
**Casing Diameter:** 2  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933326486

Layer: 1  
Slot: 100  
Screen Top Depth: 5  
Screen End Depth: 10  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter: 2

**Water Details**

Water ID: 933487649  
Layer: 1  
Kind Code: 5  
Kind: Not stated  
Water Found Depth: 7.0  
Water Found Depth UOM: ft

**Site:** lot 18 ON

**Database:**  
[WWIS](#)

<b>Well ID:</b>	1528065	<b>Data Entry Status:</b>	
<b>Construction Date:</b>		<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Not Used	<b>Date Received:</b>	7/28/1994
<b>Sec. Water Use:</b>		<b>Selected Flag:</b>	True
<b>Final Well Status:</b>	Observation Wells	<b>Abandonment Rec:</b>	
<b>Water Type:</b>		<b>Contractor:</b>	6844
<b>Casing Material:</b>		<b>Form Version:</b>	1
<b>Audit No:</b>	149103	<b>Owner:</b>	
<b>Tag:</b>		<b>Street Name:</b>	
<b>Construction Method:</b>		<b>County:</b>	OTTAWA
<b>Elevation (m):</b>		<b>Municipality:</b>	NEPEAN TOWNSHIP
<b>Elevation Reliability:</b>		<b>Site Info:</b>	
<b>Depth to Bedrock:</b>		<b>Lot:</b>	018
<b>Well Depth:</b>		<b>Concession:</b>	
<b>Overburden/Bedrock:</b>		<b>Concession Name:</b>	
<b>Pump Rate:</b>		<b>Easting NAD83:</b>	
<b>Static Water Level:</b>		<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>		<b>Zone:</b>	
<b>Flow Rate:</b>		<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>			

**Bore Hole Information**

<b>Bore Hole ID:</b>	10049605	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>	o	<b>East83:</b>	
<b>Code OB Desc:</b>	Overburden	<b>North83:</b>	
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	23-Jun-1994 00:00:00	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	na
<b>Elevrc Desc:</b>			
<b>Location Source Date:</b>			
<b>Improvement Location Source:</b>			
<b>Improvement Location Method:</b>			
<b>Source Revision Comment:</b>			
<b>Supplier Comment:</b>			

**Overburden and Bedrock**  
**Materials Interval**

Formation ID: 931068460  
Layer: 4  
Color: 6

**General Color:** BROWN  
**Mat1:** 08  
**Most Common Material:** FINE SAND  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 2.0  
**Formation End Depth:** 4.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931068458  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:** 79  
**Mat2 Desc:** PACKED  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 1.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931068461  
**Layer:** 5  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 85  
**Mat2 Desc:** SOFT  
**Mat3:** 74  
**Mat3 Desc:** LAYERED  
**Formation Top Depth:** 4.0  
**Formation End Depth:** 10.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931068459  
**Layer:** 3  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 66  
**Mat2 Desc:** DENSE  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 1.0  
**Formation End Depth:** 2.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**



**Formation ID:** 931068457  
**Layer:** 1  
**Color:** 8  
**General Color:** BLACK  
**Mat1:** 00  
**Most Common Material:** UNKNOWN TYPE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 0.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112934  
**Layer:** 2  
**Plug From:** 2  
**Plug To:** 4  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112935  
**Layer:** 3  
**Plug From:** 4  
**Plug To:** 10  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112933  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 2  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961528065  
**Method Construction Code:** 6  
**Method Construction:** Boring  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598175  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930086682  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 10

Casing Diameter: 2  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Screen**

Screen ID: 933326485  
Layer: 1  
Slot: 100  
Screen Top Depth: 5  
Screen End Depth: 10  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter: 2

**Water Details**

Water ID: 933487648  
Layer: 1  
Kind Code: 5  
Kind: Not stated  
Water Found Depth: 7.0  
Water Found Depth UOM: ft

**Site:**  
lot 18 ON

**Database:**  
WWIS

Well ID: 1528064  
Construction Date:  
Primary Water Use: Not Used  
Sec. Water Use:  
Final Well Status: Observation Wells  
Water Type:  
Casing Material:  
Audit No: 149102  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Data Entry Status:  
Data Src: 1  
Date Received: 7/28/1994  
Selected Flag: True  
Abandonment Rec:  
Contractor: 6844  
Form Version: 1  
Owner:  
Street Name:  
County: OTTAWA  
Municipality: NEPEAN TOWNSHIP  
Site Info:  
Lot: 018  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10049604  
DP2BR:  
Spatial Status:  
Code OB: o  
Code OB Desc: Overburden  
Open Hole:  
Cluster Kind:  
Date Completed: 23-Jun-1994 00:00:00  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

Elevation:  
Elevrc:  
Zone: 18  
East83:  
North83:  
Org CS:  
UTMRC: 9  
UTMRC Desc: unknown UTM  
Location Method: na

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931068455  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:** 79  
**Mat2 Desc:** PACKED  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 1.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931068456  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 85  
**Mat2 Desc:** SOFT  
**Mat3:** 74  
**Mat3 Desc:** LAYERED  
**Formation Top Depth:** 1.0  
**Formation End Depth:** 10.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931068454  
**Layer:** 1  
**Color:** 8  
**General Color:** BLACK  
**Mat1:** 00  
**Most Common Material:** UNKNOWN TYPE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 0.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment**  
**Sealing Record**

**Plug ID:** 933112931  
**Layer:** 2  
**Plug From:** 2  
**Plug To:** 4  
**Plug Depth UOM:** ft

**Annular Space/Abandonment**  
**Sealing Record**

**Plug ID:** 933112932

Layer: 3  
Plug From: 4  
Plug To: 10  
Plug Depth UOM: ft

**Annular Space/Abandonment  
Sealing Record**

Plug ID: 933112930  
Layer: 1  
Plug From: 0  
Plug To: 2  
Plug Depth UOM: ft

**Method of Construction & Well  
Use**

Method Construction ID: 961528064  
Method Construction Code: 6  
Method Construction: Boring  
Other Method Construction:

**Pipe Information**

Pipe ID: 10598174  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930086681  
Layer: 1  
Material: 5  
Open Hole or Material: PLASTIC  
Depth From:  
Depth To: 10  
Casing Diameter: 2  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Screen**

Screen ID: 933326484  
Layer: 1  
Slot: 100  
Screen Top Depth: 5  
Screen End Depth: 10  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter: 2

**Water Details**

Water ID: 933487647  
Layer: 1  
Kind Code: 5  
Kind: Not stated  
Water Found Depth: 6.0  
Water Found Depth UOM: ft

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**Site:**

**Database:**  
**WWIS**

lot 18 ON

**Well ID:** 1528063  
**Construction Date:**  
**Primary Water Use:** Not Used  
**Sec. Water Use:**  
**Final Well Status:** Observation Wells  
**Water Type:**  
**Casing Material:**  
**Audit No:** 149101  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 7/28/1994  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 6844  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**  
**Lot:** 018  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10049603  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** o  
**Code OB Desc:** Overburden  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 23-Jun-1994 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931068450  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:** 79  
**Mat2 Desc:** PACKED  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 1.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931068451  
**Layer:** 3  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05

**Most Common Material:** CLAY  
**Mat2:** 66  
**Mat2 Desc:** DENSE  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 1.0  
**Formation End Depth:** 4.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931068449  
**Layer:** 1  
**Color:** 8  
**General Color:** BLACK  
**Mat1:** 00  
**Most Common Material:** UNKNOWN TYPE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 0.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931068452  
**Layer:** 4  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 66  
**Mat2 Desc:** DENSE  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 4.0  
**Formation End Depth:** 6.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931068453  
**Layer:** 5  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 6.0  
**Formation End Depth:** 13.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment**  
**Sealing Record**

**Plug ID:** 933112927  
**Layer:** 1

**Plug From:** 0  
**Plug To:** 2  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112928  
**Layer:** 2  
**Plug From:** 2  
**Plug To:** 3  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112929  
**Layer:** 3  
**Plug From:** 3  
**Plug To:** 13  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961528063  
**Method Construction Code:** 6  
**Method Construction:** Boring  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598173  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930086680  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 13  
**Casing Diameter:** 2  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933326483  
**Layer:** 1  
**Slot:** 100  
**Screen Top Depth:** 3  
**Screen End Depth:** 13  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 2

**Water Details**

Water ID: 933487646  
Layer: 1  
Kind Code: 5  
Kind: Not stated  
Water Found Depth: 8.0  
Water Found Depth UOM: ft

**Site:**  
lot 18 ON

**Database:**  
WWIS

Well ID: 1528062  
Construction Date:  
Primary Water Use: Not Used  
Sec. Water Use:  
Final Well Status: Observation Wells  
Water Type:  
Casing Material:  
Audit No: 149100  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Data Entry Status:  
Data Src: 1  
Date Received: 7/28/1994  
Selected Flag: True  
Abandonment Rec:  
Contractor: 6844  
Form Version: 1  
Owner:  
Street Name:  
County: OTTAWA  
Municipality: NEPEAN TOWNSHIP  
Site Info:  
Lot: 018  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10049602  
DP2BR:  
Spatial Status:  
Code OB: o  
Code OB Desc: Overburden  
Open Hole:  
Cluster Kind:  
Date Completed: 22-Jun-1994 00:00:00  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

Elevation:  
Elevrc: 18  
Zone:  
East83:  
North83:  
Org CS:  
UTMRC: 9  
UTMRC Desc: unknown UTM  
Location Method: na

**Overburden and Bedrock**  
**Materials Interval**

Formation ID: 931068445  
Layer: 1  
Color: 8  
General Color: BLACK  
Mat1: 00  
Most Common Material: UNKNOWN TYPE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0.0  
Formation End Depth: 0.0  
Formation End Depth UOM: ft



**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931068446  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:** 79  
**Mat2 Desc:** PACKED  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 1.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931068448  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 85  
**Mat2 Desc:** SOFT  
**Mat3:** 74  
**Mat3 Desc:** LAYERED  
**Formation Top Depth:** 4.0  
**Formation End Depth:** 10.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931068447  
**Layer:** 3  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 66  
**Mat2 Desc:** DENSE  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 1.0  
**Formation End Depth:** 4.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment**  
**Sealing Record**

**Plug ID:** 933112926  
**Layer:** 3  
**Plug From:** 4  
**Plug To:** 10  
**Plug Depth UOM:** ft

**Annular Space/Abandonment**  
**Sealing Record**

**Plug ID:** 933112925  
**Layer:** 2

**Plug From:** 2  
**Plug To:** 4  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112924  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 2  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961528062  
**Method Construction Code:** 6  
**Method Construction:** Boring  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598172  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930086679  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC  
**Depth From:**  
**Depth To:** 10  
**Casing Diameter:** 2  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Screen**

**Screen ID:** 933326482  
**Layer:** 1  
**Slot:** 100  
**Screen Top Depth:** 5  
**Screen End Depth:** 10  
**Screen Material:**  
**Screen Depth UOM:** ft  
**Screen Diameter UOM:** inch  
**Screen Diameter:** 2

**Water Details**

**Water ID:** 933487645  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 6.0  
**Water Found Depth UOM:** ft

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**Site:** lot 18 ON

**Database:**  
WWIS

**Well ID:** 1528061  
**Construction Date:**  
**Primary Water Use:** Not Used  
**Sec. Water Use:**  
**Final Well Status:** Observation Wells  
**Water Type:**  
**Casing Material:**  
**Audit No:** 149091  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 7/28/1994  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 6844  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**  
**Lot:** 018  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10049601  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** 0  
**Code OB Desc:** Overburden  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 22-Jun-1994 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931068444  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 74  
**Mat2 Desc:** LAYERED  
**Mat3:** 79  
**Mat3 Desc:** PACKED  
**Formation Top Depth:** 5.0  
**Formation End Depth:** 15.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931068442  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 11  
**Most Common Material:** GRAVEL

**Mat2:** 28  
**Mat2 Desc:** SAND  
**Mat3:** 77  
**Mat3 Desc:** LOOSE  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 1.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931068443  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 77  
**Mat2 Desc:** LOOSE  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 1.0  
**Formation End Depth:** 5.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112922  
**Layer:** 2  
**Plug From:** 3  
**Plug To:** 4  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112923  
**Layer:** 3  
**Plug From:** 4  
**Plug To:** 15  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112921  
**Layer:** 1  
**Plug From:** 3  
**Plug To:** 3  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961528061  
**Method Construction Code:** 6  
**Method Construction:** Boring  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598171  
**Casing No:** 1

Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930086678  
Layer: 1  
Material: 5  
Open Hole or Material: PLASTIC  
Depth From:  
Depth To: 15  
Casing Diameter: 2  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Screen**

Screen ID: 933326481  
Layer: 1  
Slot: 100  
Screen Top Depth: 5  
Screen End Depth: 15  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter: 2

**Water Details**

Water ID: 933487644  
Layer: 1  
Kind Code: 5  
Kind: Not stated  
Water Found Depth: 10.0  
Water Found Depth UOM: ft

**Site:**  
lot 18 ON

**Database:**  
WWIS

Well ID: 1528060  
Construction Date:  
Primary Water Use: Not Used  
Sec. Water Use:  
Final Well Status: Observation Wells  
Water Type:  
Casing Material:  
Audit No: 149098  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Data Entry Status:  
Data Src: 1  
Date Received: 7/28/1994  
Selected Flag: True  
Abandonment Rec:  
Contractor: 6844  
Form Version: 1  
Owner:  
Street Name:  
County: OTTAWA  
Municipality: NEPEAN TOWNSHIP  
Site Info:  
Lot: 018  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10049600  
DP2BR: 0.00  
Spatial Status:  
Elevation:  
Elevrc:  
Zone: 18

**Code OB:** v  
**Code OB Desc:** Overburden below Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 22-Jun-1994 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931068440  
**Layer:** 3  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 77  
**Mat2 Desc:** LOOSE  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 1.0  
**Formation End Depth:** 5.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931068441  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 74  
**Mat2 Desc:** LAYERED  
**Mat3:** 11  
**Mat3 Desc:** GRAVEL  
**Formation Top Depth:** 5.0  
**Formation End Depth:** 10.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931068439  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:** 79  
**Mat2 Desc:** PACKED  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 1.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931068438  
**Layer:** 1  
**Color:** 8  
**General Color:** BLACK  
**Mat1:** 16  
**Most Common Material:** DOLOMITE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 0.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112918  
**Layer:** 1  
**Plug From:** 3  
**Plug To:** 3  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112919  
**Layer:** 2  
**Plug From:** 3  
**Plug To:** 4  
**Plug Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933112920  
**Layer:** 3  
**Plug From:** 4  
**Plug To:** 10  
**Plug Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961528060  
**Method Construction Code:** 0  
**Method Construction:** Not Known  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10598170  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930086677  
**Layer:** 1  
**Material:** 5  
**Open Hole or Material:** PLASTIC

Depth From:  
Depth To: 10  
Casing Diameter: 2  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Construction Record - Screen**

Screen ID: 933326480  
Layer: 1  
Slot: 010  
Screen Top Depth: 5  
Screen End Depth: 10  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter: 2

**Water Details**

Water ID: 933487643  
Layer: 1  
Kind Code: 5  
Kind: Not stated  
Water Found Depth: 7.0  
Water Found Depth UOM: ft

**Site:**  
lot 19 con 4 ON

**Database:**  
WWIS

Well ID: 1521009  
Construction Date:  
Primary Water Use: Livestock  
Sec. Water Use:  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No: NA  
Tag:  
Construction Method:  
Elevation (m):  
Elevation Reliability:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Data Entry Status:  
Data Src: 1  
Date Received: 11/25/1986  
Selected Flag: True  
Abandonment Rec:  
Contractor: 4875  
Form Version: 1  
Owner:  
Street Name:  
County: OTTAWA  
Municipality: NEPEAN TOWNSHIP  
Site Info:  
Lot: 019  
Concession: 04  
Concession Name: CON  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10042850  
DP2BR: 33.00  
Spatial Status:  
Code OB: r  
Code OB Desc: Bedrock  
Open Hole:  
Cluster Kind:  
Date Completed: 27-Oct-1986 00:00:00  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:

Elevation:  
Elevrc:  
Zone: 18  
East83:  
North83:  
Org CS:  
UTMRC: 9  
UTMRC Desc: unknown UTM  
Location Method: na



Source Revision Comment:  
Supplier Comment:

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931046560  
Layer: 3  
Color: 1  
General Color: WHITE  
Mat1: 18  
Most Common Material: SANDSTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 93.0  
Formation End Depth: 125.0  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931046558  
Layer: 1  
Color: 2  
General Color: GREY  
Mat1: 34  
Most Common Material: TILL  
Mat2: 13  
Mat2 Desc: BOULDERS  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 0.0  
Formation End Depth: 33.0  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

Formation ID: 931046559  
Layer: 2  
Color: 2  
General Color: GREY  
Mat1: 15  
Most Common Material: LIMESTONE  
Mat2:  
Mat2 Desc:  
Mat3:  
Mat3 Desc:  
Formation Top Depth: 33.0  
Formation End Depth: 93.0  
Formation End Depth UOM: ft

**Annular Space/Abandonment  
Sealing Record**

Plug ID: 933109302  
Layer: 1  
Plug From: 0  
Plug To: 35  
Plug Depth UOM: ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961521009  
**Method Construction Code:** 2  
**Method Construction:** Rotary (Convent.)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10591420  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930074797  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 125  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930074796  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 35  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991521009  
**Pump Set At:**  
**Static Level:** 5.0  
**Final Level After Pumping:** 115.0  
**Recommended Pump Depth:** 115.0  
**Pumping Rate:** 12.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 12.0  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934907790  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 115.0  
**Test Level UOM:** ft

Draw Down & Recovery

**Pump Test Detail ID:** 934105311  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 115.0  
**Test Level UOM:** ft

Draw Down & Recovery

**Pump Test Detail ID:** 934389550  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 115.0  
**Test Level UOM:** ft

Draw Down & Recovery

**Pump Test Detail ID:** 934650563  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 115.0  
**Test Level UOM:** ft

Water Details

**Water ID:** 933478444  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 96.0  
**Water Found Depth UOM:** ft

Water Details

**Water ID:** 933478445  
**Layer:** 2  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 118.0  
**Water Found Depth UOM:** ft

**Site:** lot 17 ON

**Database:**  
WWIS

**Well ID:** 1525050  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:** Cooling And A/C  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 74627  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 10/29/1990  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 3749  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**  
**Lot:** 017  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10046792  
**DP2BR:** 72.00  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 24-Aug-1990 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931059904  
**Layer:** 5  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:** 85  
**Mat2 Desc:** SOFT  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 72.0  
**Formation End Depth:** 130.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931059901  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 79  
**Mat2 Desc:** PACKED  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 1.0  
**Formation End Depth:** 43.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931059900  
**Layer:** 1  
**Color:** 8  
**General Color:** BLACK  
**Mat1:** 02  
**Most Common Material:** TOPSOIL  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**

**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 1.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931059903  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 62.0  
**Formation End Depth:** 72.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931059902  
**Layer:** 3  
**Color:** 3  
**General Color:** BLUE  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 77  
**Mat2 Desc:** LOOSE  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 43.0  
**Formation End Depth:** 62.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment**  
**Sealing Record**

**Plug ID:** 933111011  
**Layer:** 1  
**Plug From:** 6  
**Plug To:** 30  
**Plug Depth UOM:** ft

**Method of Construction & Well**  
**Use**

**Method Construction ID:** 961525050  
**Method Construction Code:** 4  
**Method Construction:** Rotary (Air)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10595362  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930081949  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 74  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991525050  
**Pump Set At:**  
**Static Level:** 24.0  
**Final Level After Pumping:** 60.0  
**Recommended Pump Depth:** 120.0  
**Pumping Rate:** 24.0  
**Flowing Rate:**  
**Recommended Pump Rate:**  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934111059  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 34.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934904620  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 60.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934655826  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 60.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934386466  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 49.0  
**Test Level UOM:** ft

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**Site:** lot 17 ON

**Database:**  
WWIS

**Well ID:** 1525217  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:** Cooling And A/C  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 91530  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 12/10/1990  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 3749  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**  
**Lot:** 017  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10046958  
**DP2BR:** 68.00  
**Spatial Status:**  
**Code OB:** r  
**Code OB Desc:** Bedrock  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 26-Oct-1990 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931060481  
**Layer:** 2  
**Color:** 3  
**General Color:** BLUE  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 77  
**Mat2 Desc:** LOOSE  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 40.0  
**Formation End Depth:** 61.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931060482  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 11  
**Most Common Material:** GRAVEL

**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 61.0  
**Formation End Depth:** 68.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931060483  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 68.0  
**Formation End Depth:** 130.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931060480  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 01  
**Mat2 Desc:** FILL  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 40.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment**  
**Sealing Record**

**Plug ID:** 933111130  
**Layer:** 1  
**Plug From:** 8  
**Plug To:** 26  
**Plug Depth UOM:** ft

**Method of Construction & Well**  
**Use**

**Method Construction ID:** 961525217  
**Method Construction Code:** 4  
**Method Construction:** Rotary (Air)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10595528  
**Casing No:** 1  
**Comment:**  
**Alt Name:**



**Construction Record - Casing**

**Casing ID:** 930082226  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 71  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991525217  
**Pump Set At:**  
**Static Level:**  
**Final Level After Pumping:**  
**Recommended Pump Depth:**  
**Pumping Rate:** 21.0  
**Flowing Rate:**  
**Recommended Pump Rate:**  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:**  
**Water State After Test:**  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** No

**Water Details**

**Water ID:** 933484124  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 86.0  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933484125  
**Layer:** 2  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 124.0  
**Water Found Depth UOM:** ft

**Site:** lot 19 ON

**Database:**  
**WWIS**

**Well ID:** 1525426  
**Construction Date:**  
**Primary Water Use:**  
**Sec. Water Use:**  
**Final Well Status:**  
**Water Type:**  
**Casing Material:**  
**Audit No:** 100036  
**Tag:**  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**

**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 6/18/1991  
**Selected Flag:** True  
**Abandonment Rec:**  
**Contractor:** 1558  
**Form Version:** 1  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**

Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Flowing (Y/N):  
Flow Rate:  
Clear/Cloudy:

Lot: 019  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10047164  
DP2BR:  
Spatial Status:  
Code OB: -  
Code OB Desc: No formation data  
Open Hole:  
Cluster Kind:  
Date Completed: 10-Apr-1991 00:00:00  
Remarks:  
Elevrc Desc:  
Location Source Date:  
Improvement Location Source:  
Improvement Location Method:  
Source Revision Comment:  
Supplier Comment:

Elevation:  
Elevrc:  
Zone: 18  
East83:  
North83:  
Org CS:  
UTMRC: 9  
UTMRC Desc: unknown UTM  
Location Method: na

**Annular Space/Abandonment  
Sealing Record**

Plug ID: 933111195  
Layer: 1  
Plug From: 0  
Plug To: 100  
Plug Depth UOM: ft

**Method of Construction & Well  
Use**

Method Construction ID: 961525426  
Method Construction Code: 0  
Method Construction: Not Known  
Other Method Construction:

**Pipe Information**

Pipe ID: 10595734  
Casing No: 1  
Comment:  
Alt Name:

---

**Site:** lot 18 ON

**Database:**  
WWIS

Well ID: 1526813  
Construction Date:  
Primary Water Use: Not Used  
Sec. Water Use:  
Final Well Status: Observation Wells  
Water Type:  
Casing Material:  
Audit No: 116877  
Tag:  
Construction Method:  
Elevation (m):

Data Entry Status:  
Data Src: 1  
Date Received: 12/8/1992  
Selected Flag: True  
Abandonment Rec:  
Contractor: 6587  
Form Version: 1  
Owner:  
Street Name:  
County: OTTAWA  
Municipality: OTTAWA CITY (NEPEAN)

**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Site Info:**  
**Lot:** 018  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10048501  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** o  
**Code OB Desc:** Overburden  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 19-Aug-1992 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:** 18  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:** 9  
**UTMRC Desc:** unknown UTM  
**Location Method:** na

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931065250  
**Layer:** 3  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:** 13  
**Mat2 Desc:** BOULDERS  
**Mat3:** 73  
**Mat3 Desc:** HARD  
**Formation Top Depth:** 13.0  
**Formation End Depth:** 17.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931065251  
**Layer:** 4  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 11  
**Most Common Material:** GRAVEL  
**Mat2:** 73  
**Mat2 Desc:** HARD  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 17.0  
**Formation End Depth:** 25.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931065249  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 11  
**Mat2 Desc:** GRAVEL  
**Mat3:** 85  
**Mat3 Desc:** SOFT  
**Formation Top Depth:** 2.0  
**Formation End Depth:** 13.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**

**Materials Interval**

**Formation ID:** 931065248  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 02  
**Most Common Material:** TOPSOIL  
**Mat2:** 85  
**Mat2 Desc:** SOFT  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 2.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment**

**Sealing Record**

**Plug ID:** 933111979  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 17  
**Plug Depth UOM:** ft

**Method of Construction & Well**

**Use**

**Method Construction ID:** 961526813  
**Method Construction Code:** 1  
**Method Construction:** Cable Tool  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10597071  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930084938  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 22  
**Casing Diameter:** 6  
**Casing Diameter UOM:** inch

Casing Depth UOM: ft

**Construction Record - Screen**

Screen ID: 933326431  
Layer: 1  
Slot: 060  
Screen Top Depth: 23  
Screen End Depth: 26  
Screen Material:  
Screen Depth UOM: ft  
Screen Diameter UOM: inch  
Screen Diameter: 4

**Results of Well Yield Testing**

Pump Test ID: 991526813  
Pump Set At:  
Static Level: 15.0  
Final Level After Pumping: 20.0  
Recommended Pump Depth: 20.0  
Pumping Rate: 30.0  
Flowing Rate:  
Recommended Pump Rate: 8.0  
Levels UOM: ft  
Rate UOM: GPM  
Water State After Test Code: 1  
Water State After Test: CLEAR  
Pumping Test Method: 2  
Pumping Duration HR: 1  
Pumping Duration MIN: 0  
Flowing: No

**Draw Down & Recovery**

Pump Test Detail ID: 934392612  
Test Type:  
Test Duration: 30  
Test Level: 20.0  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934910316  
Test Type:  
Test Duration: 60  
Test Level: 20.0  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934653125  
Test Type:  
Test Duration: 45  
Test Level: 20.0  
Test Level UOM: ft

**Draw Down & Recovery**

Pump Test Detail ID: 934108978  
Test Type:  
Test Duration: 15  
Test Level: 20.0  
Test Level UOM: ft

**Water Details**

**Water ID:** 933486256  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 24.0  
**Water Found Depth UOM:** ft

## 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 Sep 2020**

### **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 - Nov 30, 2021**



**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- Oct 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 - Nov 30, 2021****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- Oct 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-Aug 31, 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, 2019**

**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](http://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 - Nov 30, 2021**

**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\***

<b><u>Pesticide Register:</u></b>	Provincial	<b>PES</b>
The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.		
<b>Government Publication Date: Oct 2011- Oct 31, 2021</b>		
<b><u>Pipeline Incidents:</u></b>	Provincial	<b>PINC</b>
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.		
<b>Government Publication Date: May 31, 2021</b>		
<b><u>Private and Retail Fuel Storage Tanks:</u></b>	Provincial	<b>PRT</b>
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).		
<b>Government Publication Date: 1989-1996*</b>		
<b><u>Permit to Take Water:</u></b>	Provincial	<b>PTTW</b>
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.		
<b>Government Publication Date: 1994 - Nov 30, 2021</b>		
<b><u>Ontario Regulation 347 Waste Receivers Summary:</u></b>	Provincial	<b>REC</b>
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.		
<b>Government Publication Date: 1986-1990, 1992-2019</b>		
<b><u>Record of Site Condition:</u></b>	Provincial	<b>RSC</b>
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).		
<b>Government Publication Date: 1997-Sept 2001, Oct 2004-Nov 2021</b>		
<b><u>Retail Fuel Storage Tanks:</u></b>	Private	<b>RST</b>
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.		
<b>Government Publication Date: 1999-Sep 30, 2021</b>		
<b><u>Scott's Manufacturing Directory:</u></b>	Private	<b>SCD</b>
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.		
<b>Government Publication Date: 1992-Mar 2011*</b>		
<b><u>Ontario Spills:</u></b>	Provincial	<b>SPL</b>
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.		
<b>Government Publication Date: 1988-Sep 2020</b>		

**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, 2018**

**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- Oct 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: Apr 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.





# DATABASE REPORT

**Project Property:** *Phase I ESA  
560 Dealership Drive  
Ottawa ON*

**Project No:** *PE5098*

**Report Type:** *RSC Report - Quote*

**Order No:** *20310900154*

**Requested by:** *Paterson Group Inc.*

**Date Completed:** *November 12, 2020*

# Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	6
Executive Summary: Site Report Summary - Surrounding Properties.....	7
Executive Summary: Summary By Data Source.....	8
Map.....	10
Aerial.....	11
Topographic Map.....	12
Detail Report.....	13
Unplottable Summary.....	21
Unplottable Report.....	22
Appendix: Database Descriptions.....	28
Definitions.....	37

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# Executive Summary

## **Property Information:**

**Project Property:** *Phase I ESA  
560 Dealership Drive Ottawa ON*

**Project No:** *PE5098*

## **Order Information:**

**Order No:** *20310900154*  
**Date Requested:** *November 9, 2020*  
**Requested by:** *Paterson Group Inc.*  
**Report Type:** *RSC Report - Quote*

## **Historical/Products:**

**Topographic Map** *RSC Maps*

## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</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 &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	0	0	0
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	1	1
ECA	<i>Environmental Compliance Approval</i>	Y	0	5	5
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	0	0
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 &amp; 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	3	3
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Boundary to 0.30km</b>	<b>Total</b>
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	1	1
<b>Total:</b>			0	10	10

## Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

## Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#">1</a>	ECA	Zena Investment Corporation	550 Dealership Drive Ottawa ON K2J 6H8	NE/57.0	-3.95	<a href="#">13</a>
<a href="#">2</a>	ECA	2472099 Ontario Inc.	555 Dealership Drive Ottawa ON K2E 1A3	NE/166.8	-5.95	<a href="#">13</a>
<a href="#">3</a>	ECA	City of Ottawa	Ottawa ON K2G 6J8	ESE/206.9	-3.17	<a href="#">13</a>
<a href="#">3</a>	ECA	DCR Phoenix Development Corporation Limited	Ottawa ON K2E 6T8	ESE/206.9	-3.17	<a href="#">13</a>
<a href="#">4</a>	GEN	Rogers Broadcasting Ltd.	4378 McKenna-Casey Dr. Nepean ON K2J 4S8	SE/212.2	-1.95	<a href="#">14</a>
<a href="#">5</a>	WWIS		lot 16 con 4 ON <b>Well ID:</b> 1523436	ESE/213.0	-3.98	<a href="#">14</a>
<a href="#">6</a>	GEN	City of Ottawa	4061 Strandherd Dr. Ottawa ON K2J 6H8	E/262.2	-6.95	<a href="#">17</a>
<a href="#">6</a>	GEN	City of Ottawa	4061 Strandherd Dr. Ottawa ON K2J 6H8	E/262.2	-6.95	<a href="#">18</a>
<a href="#">7</a>	ECA	9340831 Canada Inc.	530 Dealership Dr Ottawa ON K2B 6R1	ENE/264.8	-5.95	<a href="#">19</a>
<a href="#">8</a>	EBR	9340831 Canada Inc.	530 Dealership Drive Ottawa K2J 6H8 CITY OF OTTAWA ON	ENE/265.0	-5.95	<a href="#">20</a>

# Executive Summary: Summary By Data Source

## **EBR - Environmental Registry**

A search of the EBR database, dated 1994-Sep 30, 2020 has found that there are 1 EBR site(s) within approximately 0.30 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
9340831 Canada Inc.	530 Dealership Drive Ottawa K2J 6H8 CITY OF OTTAWA ON	265.0	<a href="#"><u>8</u></a>

## **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011-Oct 31, 2020 has found that there are 5 ECA site(s) within approximately 0.30 kilometers of the project property.

<b><u>Site</u></b>	<b><u>Address</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Zena Investment Corporation	550 Dealership Drive Ottawa ON K2J 6H8	57.0	<a href="#"><u>1</u></a>
2472099 Ontario Inc.	555 Dealership Drive Ottawa ON K2E 1A3	166.8	<a href="#"><u>2</u></a>
City of Ottawa	Ottawa ON K2G 6J8	206.9	<a href="#"><u>3</u></a>
DCR Phoenix Development Corporation Limited	Ottawa ON K2E 6T8	206.9	<a href="#"><u>3</u></a>
9340831 Canada Inc.	530 Dealership Dr Ottawa ON K2B 6R1	264.8	<a href="#"><u>7</u></a>

## **GEN - Ontario Regulation 347 Waste Generators Summary**

A search of the GEN database, dated 1986-Jul 31, 2020 has found that there are 3 GEN site(s) within approximately 0.30 kilometers of the project property.

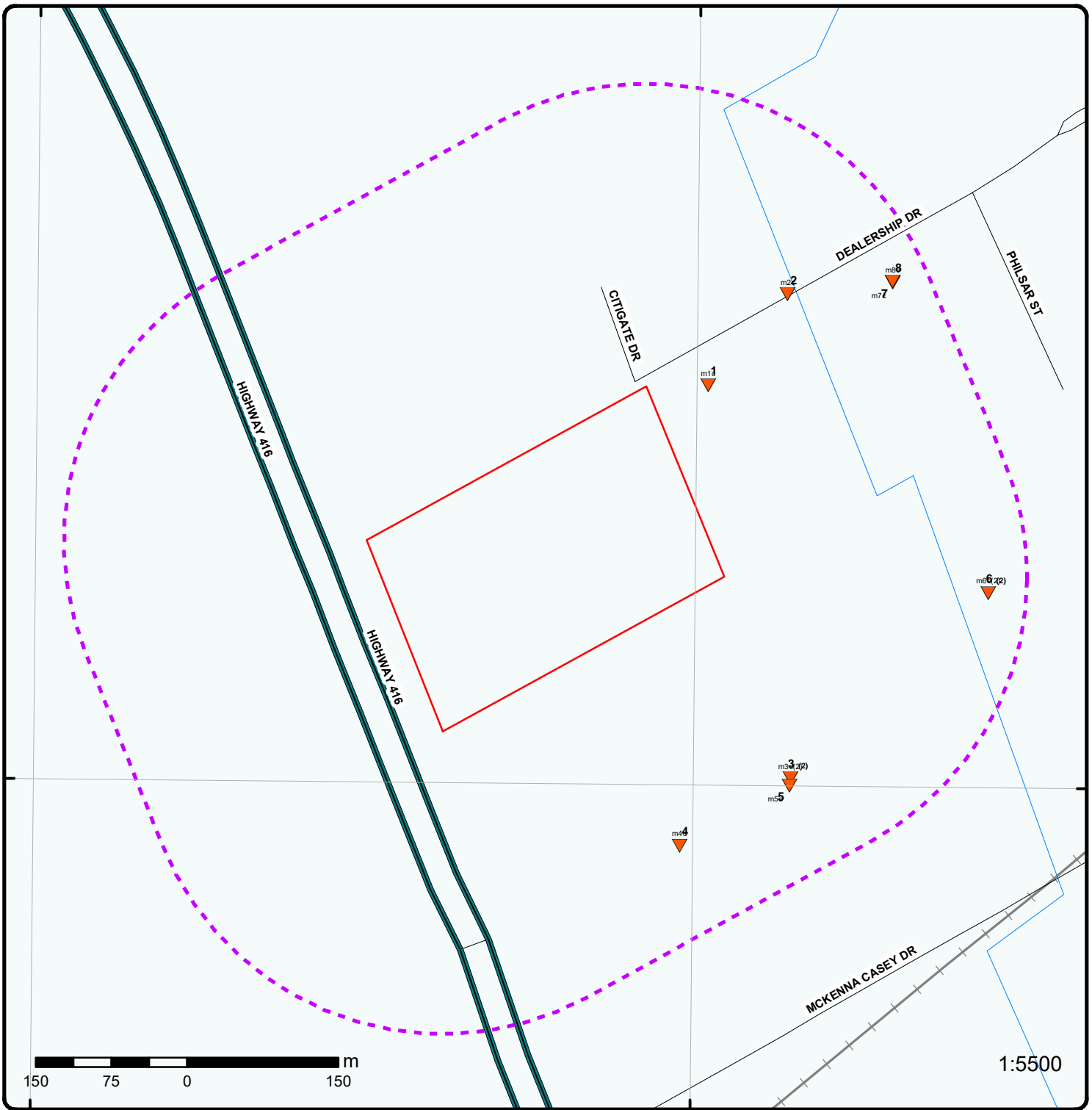


<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Rogers Broadcasting Ltd.	4378 McKenna-Casey Dr. Nepean ON K2J 4S8	212.2	<a href="#">4</a>
City of Ottawa	4061 Strandherd Dr. Ottawa ON K2J 6H8	262.2	<a href="#">6</a>
City of Ottawa	4061 Strandherd Dr. Ottawa ON K2J 6H8	262.2	<a href="#">6</a>

### **WWIS - Water Well Information System**

A search of the WWIS database, dated Apr 30, 2020 has found that there are 1 WWIS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 16 con 4 ON  <i>Well ID:</i> 1523436	213.0	<a href="#">5</a>



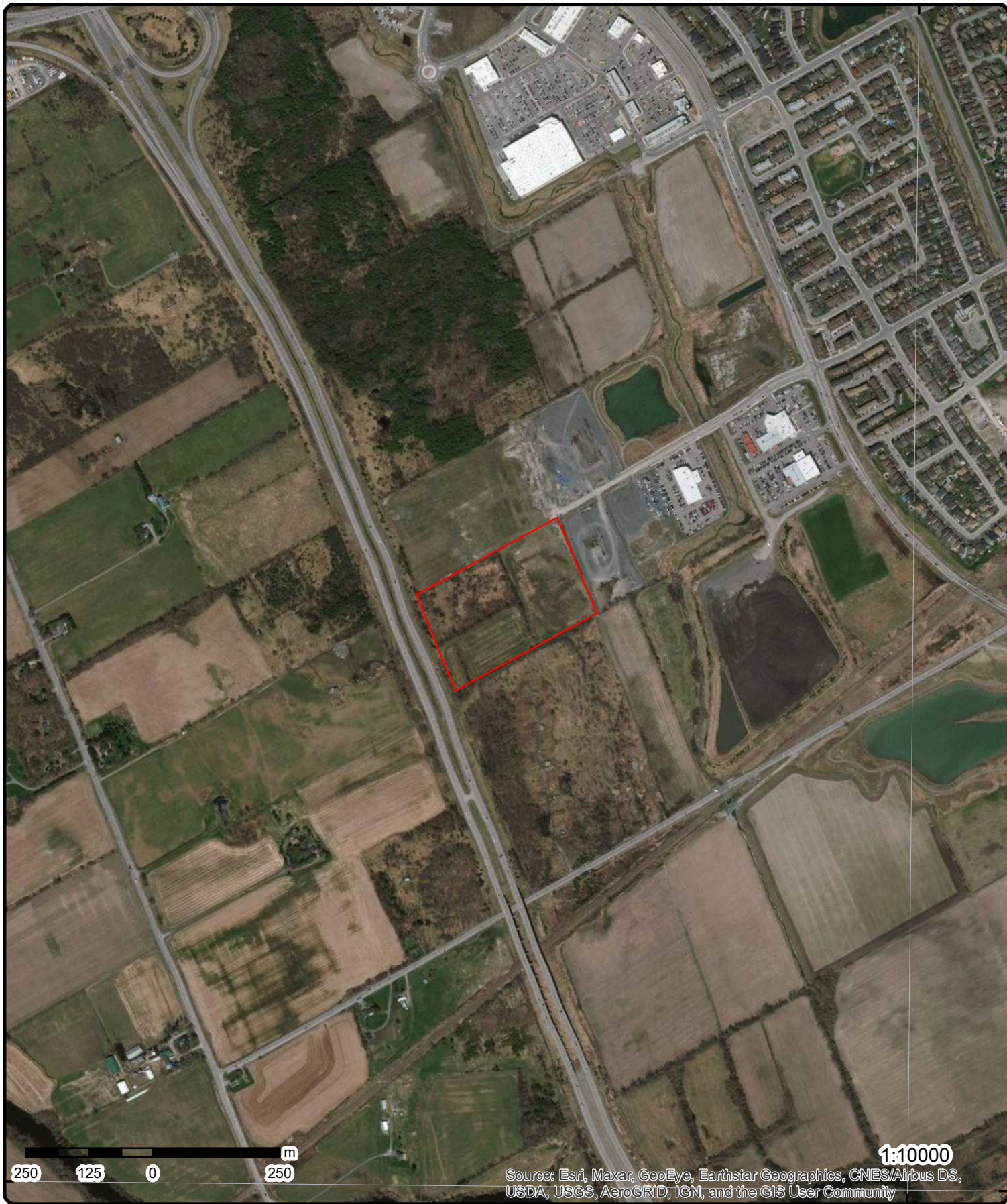
### Map : 0.3 Kilometer Radius

Order Number: 20310900154

Address: 560 Dealership Drive, Ottawa, ON



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



45°15'N

45°15'N



1:10000

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

**Aerial** Year: 2019

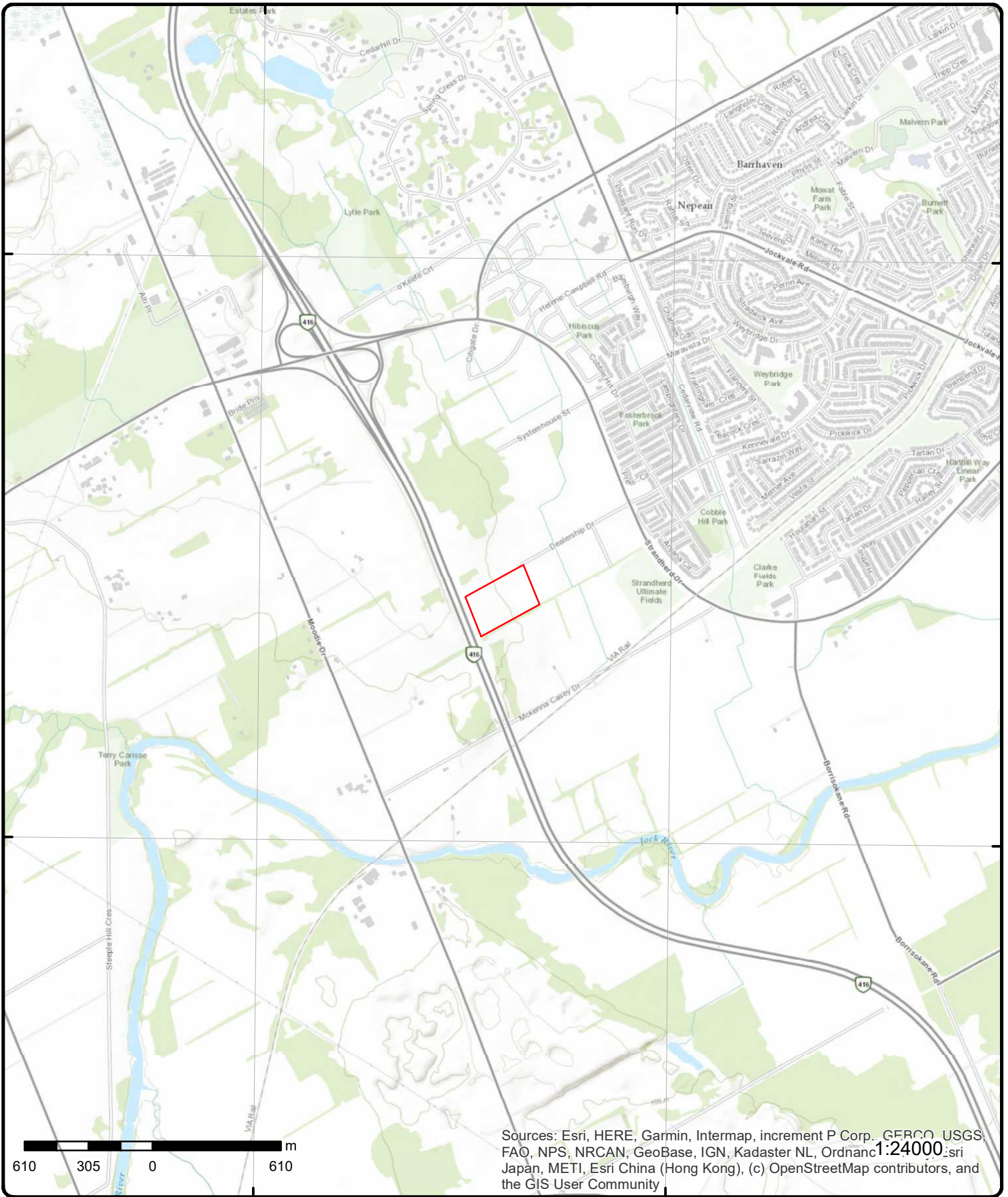
**Address: 560 Dealership Drive, Ottawa, ON**

Source: ESRI World Imagery

Order Number: 20310900154



© ERIS Information Limited Partnership



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

# Topographic Map

Address: 560 Dealership Drive, ON

Source: ESRI World Topographic Map

Order Number: 20310900154



© ERIS Information Limited Partnership

# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">1</a>	1 of 1	NE/57.0	96.9 / -3.95	Zena Investment Corporation 550 Dealership Drive Ottawa ON K2J 6H8	ECA
<p> <b>Approval No:</b> 2197-BGTQVK  <b>Approval Date:</b> 2019-10-24  <b>Status:</b> Approved  <b>Record Type:</b> ECA  <b>Link Source:</b> IDS  <b>SWP Area Name:</b>  <b>Approval Type:</b> ECA-INDUSTRIAL SEWAGE WORKS  <b>Project Type:</b> INDUSTRIAL SEWAGE WORKS  <b>Address:</b> 550 Dealership Drive  <b>Full Address:</b>  <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/1644-BC7HK9-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/1644-BC7HK9-14.pdf</a> </p> <p> <b>MOE District:</b>  <b>City:</b>  <b>Longitude:</b>  <b>Latitude:</b>  <b>Geometry X:</b>  <b>Geometry Y:</b> </p>					
<a href="#">2</a>	1 of 1	NE/166.8	94.9 / -5.95	2472099 Ontario Inc. 555 Dealership Drive Ottawa ON K2E 1A3	ECA
<p> <b>Approval No:</b> 7467-BHUMKR  <b>Approval Date:</b> 2019-12-01  <b>Status:</b> Approved  <b>Record Type:</b> ECA  <b>Link Source:</b> IDS  <b>SWP Area Name:</b>  <b>Approval Type:</b> ECA-INDUSTRIAL SEWAGE WORKS  <b>Project Type:</b> INDUSTRIAL SEWAGE WORKS  <b>Address:</b> 555 Dealership Drive  <b>Full Address:</b>  <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/4861-B9MPQY-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/4861-B9MPQY-14.pdf</a> </p> <p> <b>MOE District:</b>  <b>City:</b>  <b>Longitude:</b>  <b>Latitude:</b>  <b>Geometry X:</b>  <b>Geometry Y:</b> </p>					
<a href="#">3</a>	1 of 2	ESE/206.9	97.7 / -3.17	City of Ottawa  Ottawa ON K2G 6J8	ECA
<p> <b>Approval No:</b> 4094-6ZAQHT  <b>Approval Date:</b> 2007-04-04  <b>Status:</b> Approved  <b>Record Type:</b> ECA  <b>Link Source:</b> IDS  <b>SWP Area Name:</b> Rideau Valley  <b>Approval Type:</b> ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS  <b>Project Type:</b> MUNICIPAL AND PRIVATE SEWAGE WORKS  <b>Address:</b>  <b>Full Address:</b>  <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/0810-6PWRB9-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/0810-6PWRB9-14.pdf</a> </p> <p> <b>MOE District:</b> Ottawa  <b>City:</b>  <b>Longitude:</b> -75.7821  <b>Latitude:</b> 45.2584  <b>Geometry X:</b>  <b>Geometry Y:</b> </p>					
<a href="#">3</a>	2 of 2	ESE/206.9	97.7 / -3.17	DCR Phoenix Development Corporation Limited  Ottawa ON K2E 6T8	ECA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Approval No:</b>	2387-7FJNVM			<b>MOE District:</b> Ottawa	
<b>Approval Date:</b>	2008-06-13			<b>City:</b>	
<b>Status:</b>	Approved			<b>Longitude:</b> -75.7821	
<b>Record Type:</b>	ECA			<b>Latitude:</b> 45.2584	
<b>Link Source:</b>	IDS			<b>Geometry X:</b>	
<b>SWP Area Name:</b>	Rideau Valley			<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
<b>Project Type:</b>	MUNICIPAL AND PRIVATE SEWAGE WORKS				
<b>Address:</b>					
<b>Full Address:</b>					
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/3901-7FGRNK-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/3901-7FGRNK-14.pdf</a>				

<a href="#">4</a>	1 of 1	SE/212.2	98.9 / -1.95	<b>Rogers Broadcasting Ltd.</b> 4378 McKenna-Casey Dr. Nepean ON K2J 4S8	GEN
<b>Generator No:</b>	ON8067936			<b>PO Box No:</b>	
<b>Status:</b>				<b>Country:</b>	
<b>Approval Years:</b>	05			<b>Choice of Contact:</b>	
<b>Contam. Facility:</b>				<b>Co Admin:</b>	
<b>MHSW Facility:</b>				<b>Phone No Admin:</b>	
<b>SIC Code:</b>	515110				
<b>SIC Description:</b>	Radio Broadcasting				
<b>Detail(s)</b>					
<b>Waste Class:</b>	243				
<b>Waste Class Desc:</b>	PCB'S				

<a href="#">5</a>	1 of 1	ESE/213.0	96.8 / -3.98	lot 16 con 4 ON	WWIS
<b>Well ID:</b>	1523436			<b>Data Entry Status:</b>	
<b>Construction Date:</b>				<b>Data Src:</b>	1
<b>Primary Water Use:</b>	Domestic			<b>Date Received:</b>	6/12/1989
<b>Sec. Water Use:</b>				<b>Selected Flag:</b>	Yes
<b>Final Well Status:</b>	Water Supply			<b>Abandonment Rec:</b>	
<b>Water Type:</b>				<b>Contractor:</b>	1558
<b>Casing Material:</b>				<b>Form Version:</b>	1
<b>Audit No:</b>	50762			<b>Owner:</b>	
<b>Tag:</b>				<b>Street Name:</b>	
<b>Construction Method:</b>				<b>County:</b>	OTTAWA
<b>Elevation (m):</b>				<b>Municipality:</b>	NEPEAN TOWNSHIP
<b>Elevation Reliability:</b>				<b>Site Info:</b>	
<b>Depth to Bedrock:</b>				<b>Lot:</b>	016
<b>Well Depth:</b>				<b>Concession:</b>	04
<b>Overburden/Bedrock:</b>				<b>Concession Name:</b>	RF
<b>Pump Rate:</b>				<b>Easting NAD83:</b>	
<b>Static Water Level:</b>				<b>Northing NAD83:</b>	
<b>Flowing (Y/N):</b>				<b>Zone:</b>	
<b>Flow Rate:</b>				<b>UTM Reliability:</b>	
<b>Clear/Cloudy:</b>					
<b>PDF URL (Map):</b>	<a href="https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1523436.pdf">https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1523436.pdf</a>				

<b>Bore Hole Information</b>					
<b>Bore Hole ID:</b>	10045211			<b>Elevation:</b>	92.723724
<b>DP2BR:</b>	12			<b>Elevrc:</b>	
<b>Spatial Status:</b>				<b>Zone:</b>	18
<b>Code OB:</b>	r			<b>East83:</b>	438635.3

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Code OB Desc:</b>	Bedrock			<b>North83:</b>	5011946
<b>Open Hole:</b>				<b>Org CS:</b>	
<b>Cluster Kind:</b>				<b>UTMRC:</b>	9
<b>Date Completed:</b>	5/24/1989			<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>				<b>Location Method:</b>	lot
<b>Elevrc Desc:</b>					
<b>Location Source Date:</b>					
<b>Improvement Location Source:</b>					
<b>Improvement Location Method:</b>					
<b>Source Revision Comment:</b>					
<b>Supplier Comment:</b>					

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931054611  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 12  
**Mat2 Desc:** STONES  
**Mat3:** 01  
**Mat3 Desc:** FILL  
**Formation Top Depth:** 0  
**Formation End Depth:** 5  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931054613  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 18  
**Most Common Material:** SANDSTONE  
**Mat2:** 73  
**Mat2 Desc:** HARD  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 12  
**Formation End Depth:** 125  
**Formation End Depth UOM:** ft

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 931054612  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 02  
**Most Common Material:** TOPSOIL  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 5  
**Formation End Depth:** 12  
**Formation End Depth UOM:** ft

<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>
<b><u>Method of Construction &amp; Well Use</u></b>					
<b>Method Construction ID:</b>		961523436			
<b>Method Construction Code:</b>		5			
<b>Method Construction:</b>		Air Percussion			
<b>Other Method Construction:</b>					
<b><u>Pipe Information</u></b>					
<b>Pipe ID:</b>		10593781			
<b>Casing No:</b>		1			
<b>Comment:</b>					
<b>Alt Name:</b>					
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930079115			
<b>Layer:</b>		2			
<b>Material:</b>		4			
<b>Open Hole or Material:</b>		OPEN HOLE			
<b>Depth From:</b>					
<b>Depth To:</b>		125			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Construction Record - Casing</u></b>					
<b>Casing ID:</b>		930079114			
<b>Layer:</b>		1			
<b>Material:</b>		1			
<b>Open Hole or Material:</b>		STEEL			
<b>Depth From:</b>					
<b>Depth To:</b>		21			
<b>Casing Diameter:</b>		6			
<b>Casing Diameter UOM:</b>		inch			
<b>Casing Depth UOM:</b>		ft			
<b><u>Results of Well Yield Testing</u></b>					
<b>Pump Test ID:</b>		991523436			
<b>Pump Set At:</b>					
<b>Static Level:</b>		10			
<b>Final Level After Pumping:</b>		75			
<b>Recommended Pump Depth:</b>		100			
<b>Pumping Rate:</b>		25			
<b>Flowing Rate:</b>					
<b>Recommended Pump Rate:</b>		5			
<b>Levels UOM:</b>		ft			
<b>Rate UOM:</b>		GPM			
<b>Water State After Test Code:</b>		1			
<b>Water State After Test:</b>		CLEAR			
<b>Pumping Test Method:</b>		1			
<b>Pumping Duration HR:</b>		1			
<b>Pumping Duration MIN:</b>		0			
<b>Flowing:</b>		No			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934389192			



Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		30			
<b>Test Level:</b>		75			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934104963			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		15			
<b>Test Level:</b>		75			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934650173			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		45			
<b>Test Level:</b>		75			
<b>Test Level UOM:</b>		ft			
<b><u>Draw Down &amp; Recovery</u></b>					
<b>Pump Test Detail ID:</b>		934907377			
<b>Test Type:</b>		Draw Down			
<b>Test Duration:</b>		60			
<b>Test Level:</b>		75			
<b>Test Level UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933481699			
<b>Layer:</b>		2			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		115			
<b>Water Found Depth UOM:</b>		ft			
<b><u>Water Details</u></b>					
<b>Water ID:</b>		933481698			
<b>Layer:</b>		1			
<b>Kind Code:</b>		1			
<b>Kind:</b>		FRESH			
<b>Water Found Depth:</b>		40			
<b>Water Found Depth UOM:</b>		ft			

6

1 of 2

E/262.2

93.9 / -6.95

City of Ottawa  
4061 Strandherd Dr.  
Ottawa ON K2J 6H8

GEN

**Generator No:** ON6305617  
**Status:** Registered  
**Approval Years:** As of Dec 2018  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:**  
**SIC Description:**

**PO Box No:**  
**Country:** Canada  
**Choice of Contact:**  
**Co Admin:**  
**Phone No Admin:**

**Detail(s)**

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class:</b>		112 C			
<b>Waste Class Desc:</b>		Acid solutions - containing heavy metals			
<b>Waste Class:</b>		121 C			
<b>Waste Class Desc:</b>		Alkaline slutions - containing heavy metals			
<b>Waste Class:</b>		145 I			
<b>Waste Class Desc:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Class:</b>		146 T			
<b>Waste Class Desc:</b>		Other specified inorganic sludges, slurries or solids			
<b>Waste Class:</b>		147 I			
<b>Waste Class Desc:</b>		Chemical fertilizer wastes			
<b>Waste Class:</b>		148 C			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		148 I			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		212 L			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		221 I			
<b>Waste Class Desc:</b>		Light fuels			
<b>Waste Class:</b>		242 A			
<b>Waste Class Desc:</b>		Halogenated pesticides and herbicides			
<b>Waste Class:</b>		252 L			
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			
<b>Waste Class:</b>		261 A			
<b>Waste Class Desc:</b>		Pharmaceuticals			
<b>Waste Class:</b>		263 I			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		312 P			
<b>Waste Class Desc:</b>		Pathological wastes			
<b>Waste Class:</b>		331 I			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			
<b>Waste Class:</b>		331 R			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			

6

2 of 2

**E/262.2**

**93.9 / -6.95**

**City of Ottawa  
4061 Strandherd Dr.  
Ottawa ON K2J 6H8**

**GEN**

**Generator No:** ON6305617  
**Status:** Registered  
**Approval Years:** As of Jul 2020  
**Contam. Facility:**  
**MHSW Facility:**  
**SIC Code:**  
**SIC Description:**

**PO Box No:**  
**Country:** Canada  
**Choice of Contact:**  
**Co Admin:**  
**Phone No Admin:**

**Detail(s)**

**Waste Class:** 145 I

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<b>Waste Class Desc:</b>		Wastes from the use of pigments, coatings and paints			
<b>Waste Class:</b>		331 I			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			
<b>Waste Class:</b>		331 R			
<b>Waste Class Desc:</b>		Waste compressed gases including cylinders			
<b>Waste Class:</b>		148 C			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		212 L			
<b>Waste Class Desc:</b>		Aliphatic solvents and residues			
<b>Waste Class:</b>		312 P			
<b>Waste Class Desc:</b>		Pathological wastes			
<b>Waste Class:</b>		148 I			
<b>Waste Class Desc:</b>		Misc. wastes and inorganic chemicals			
<b>Waste Class:</b>		146 T			
<b>Waste Class Desc:</b>		Other specified inorganic sludges, slurries or solids			
<b>Waste Class:</b>		221 I			
<b>Waste Class Desc:</b>		Light fuels			
<b>Waste Class:</b>		147 I			
<b>Waste Class Desc:</b>		Chemical fertilizer wastes			
<b>Waste Class:</b>		121 C			
<b>Waste Class Desc:</b>		Alkaline slutions - containing heavy metals			
<b>Waste Class:</b>		263 I			
<b>Waste Class Desc:</b>		Misc. waste organic chemicals			
<b>Waste Class:</b>		252 L			
<b>Waste Class Desc:</b>		Waste crankcase oils and lubricants			
<b>Waste Class:</b>		112 C			
<b>Waste Class Desc:</b>		Acid solutions - containing heavy metals			
<b>Waste Class:</b>		261 A			
<b>Waste Class Desc:</b>		Pharmaceuticals			
<b>Waste Class:</b>		242 A			
<b>Waste Class Desc:</b>		Halogenated pesticides and herbicides			

[7](#)

1 of 1

**ENE/264.8**

**94.9 / -5.95**

**9340831 Canada Inc.  
530 Dealership Dr  
Ottawa ON K2B 6R1**

**ECA**

<b>Approval No:</b>	5252-ADRKSF	<b>MOE District:</b>	
<b>Approval Date:</b>	2016-10-13	<b>City:</b>	
<b>Status:</b>	Approved	<b>Longitude:</b>	
<b>Record Type:</b>	ECA	<b>Latitude:</b>	
<b>Link Source:</b>	IDS	<b>Geometry X:</b>	
<b>SWP Area Name:</b>		<b>Geometry Y:</b>	
<b>Approval Type:</b>	ECA-INDUSTRIAL SEWAGE WORKS		
<b>Project Type:</b>	INDUSTRIAL SEWAGE WORKS		
<b>Address:</b>	530 Dealership Dr		
<b>Full Address:</b>			
<b>Full PDF Link:</b>	<a href="https://www.accessenvironment.ene.gov.on.ca/instruments/8202-ABVKF3-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/8202-ABVKF3-14.pdf</a>		

<b>Map Key</b>	<b>Number of Records</b>	<b>Direction/ Distance (m)</b>	<b>Elev/Diff (m)</b>	<b>Site</b>	<b>DB</b>
<a href="#">8</a>	1 of 1	ENE/265.0	94.9 / -5.95	9340831 Canada Inc. 530 Dealership Drive Ottawa K2J 6H8 CITY OF OTTAWA ON	EBR

**EBR Registry No:** 012-8429  
**Ministry Ref No:** 8202-ABVKF3  
**Notice Type:** Instrument Decision  
**Notice Stage:** 857760361  
**Notice Date:** October 19, 2016  
**Proposal Date:** August 19, 2016  
**Year:** 2016  
**Instrument Type:** (EPA Part II.1-sewage) - Environmental Compliance Approval (project type: sewage)  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** 9340831 Canada Inc.  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 955 Richmond Road, Ottawa Ontario, Canada K2B 6R1  
**Comment Period:**  
**URL:**

**Site Location Details:**

530 Dealership Drive Ottawa K2J 6H8 CITY OF OTTAWA

# Unplottable Summary

Total: **6** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	DCR Phoenix Development Corporation Limited		Ottawa ON	
CA	DCR Phoenix Development Corporation Limited		Ottawa ON	
CONV	Brandon James Amell	Highway 416	Ottawa ON	
EBR	Regional Group of Companies Inc.	Lots 18-20, Concession 4, Geographic Township of Nepean East side of Highway 416, south of Fallowfield Road, west of Strandherd Drive. CITY OF OTTAWA	ON	
LIMO		Lot 18 Concession 4 Ottawa	ON	
WWIS		lot 18 con 4	OTTAWA ON	

# Unplottable Report

**Site:** DCR Phoenix Development Corporation Limited  
Ottawa ON

**Database:**  
CA

**Certificate #:** 1405-7BQRFT  
**Application Year:** 2008  
**Issue Date:** 2/12/2008  
**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:** DCR Phoenix Development Corporation Limited  
Ottawa ON

**Database:**  
CA

**Certificate #:** 2387-7FJNVN  
**Application Year:** 2008  
**Issue Date:** 6/13/2008  
**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:** Brandon James Amell  
Highway 416 Ottawa ON

**Database:**  
CONV

<b>File No:</b>		<b>Location:</b>	
<b>Crown Brief No:</b>		<b>Region:</b>	
<b>Court Location:</b>	Ottawa	<b>Ministry District:</b>	
<b>Publication City:</b>			
<b>Publication Title:</b>	Diesel Truck Owner fined \$500 for an Environmental Protection Act Violation		
<b>Act:</b>	Environmental Protection Act		
<b>Act(s):</b>			
<b>First Matter:</b>			
<b>Second Matter:</b>			
<b>Investigation 1:</b>			
<b>Investigation 2:</b>			
<b>Penalty Imposed:</b>	Brandon Amell was convicted of one violation under the Environmental Protection Act and was fined \$500 plus a victim fine surcharge of \$110 and was given 3 months to pay.		
<b>Description:</b>	The conviction relates to hindering or obstructing a Provincial Officer in the lawful performance of his duties by evading the Provincial Officer.		
<b>Background:</b>	Drive Clean is an Ontario Environmental Protection Act program that is enforced by the Ministry of the Environment, Conservation and Parks and is designed to reduce smog-causing pollutants from motor vehicles. On April 11, 2018, ministry officers were monitoring traffic on Highway 416 in Ottawa for the purpose of performing roadside inspections to enforce the Drive Clean program. The ministry officers were wearing visual identification		

enforcement officer uniforms and were driving in a ministry patrol vehicle that was equipped with a red-light package.  
On this date, the ministry officer signalled a white GMC diesel pickup truck to stop for an inspection by activating the red-light package on the ministry vehicle.  
Brandon James Amell was driving the pickup and failed to immediately bring the vehicle to a safe stop, but instead accelerated away and took a highway off ramp.  
It is understood that Mr. Amell did this because he was concerned about being caught driving while under suspension.  
The ministry's Investigations and Enforcement Branch investigated and laid charges resulting in one conviction.  
**URL:** <https://news.ontario.ca/ene/en/2019/10/diesel-truck-owner-fined-500-for-an-environmental-protection-act-violation.html>

**Additional Details**

**Publication Date:** October 15, 2019 4:00 P.M.  
**Count:**  
**Act:**  
**Regulation:**  
**Section:**  
**Act/Regulation/Section:**  
**Date of Offence:** On or about April 11, 2018  
**Date of Conviction:** September 18, 2019  
**Date Charged:**  
**Charge Disposition:**  
**Fine:** \$500  
**Synopsis:**

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**Site:** **Regional Group of Companies Inc.**  
**Lots 18-20, Concession 4, Geographic Township of Nepean East side of Highway 416, south of Fallowfield Road, west of Strandherd Drive. CITY OF OTTAWA ON**

**Database:**  
**EBR**

**EBR Registry No:** 012-4505  
**Ministry Ref No:** MNRF INST 51/15  
**Notice Type:** Instrument Decision  
**Notice Stage:** 822919933  
**Notice Date:** December 13, 2016  
**Proposal Date:** July 02, 2015  
**Year:** 2015  
**Instrument Type:** (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species  
**Off Instrument Name:**  
**Posted By:**  
**Company Name:** Regional Group of Companies Inc.  
**Site Address:**  
**Location Other:**  
**Proponent Name:**  
**Proponent Address:** 1737 Woodward Drive, 2nd Floor, Ottawa Ontario, Canada K2C 0P9  
**Comment Period:**  
**URL:**

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

**Site Location Details:**

Lots 18-20, Concession 4, Geographic Township of Nepean East side of Highway 416, south of Fallowfield Road, west of Strandherd Drive. CITY OF OTTAWA

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**Site:** **Lot 18 Concession 4 Ottawa ON**

**Database:**  
**LIMO**

**ECA/Instrument No:** X9006  
**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:**

**Natural Attenuation:**  
**Liners:**  
**Cover Material:**  
**Leachate Off-Site:**  
**Leachate On Site:**  
**Req Coll Lndfl Gas:**  
**Lndfl Gas Coll:**  
**Total Waste Rec:**

**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 18 Concession 4  
 Ottawa  
**Service Area:**  
**Page URL:**

**TWR Methodology:**  
**TWR Unit:**  
**Tot Apprv Cap Unit:**  
**Financial Assurance:**  
**Last Report Year:**  
**MOE Region:**  
**MOE District:**  
**Site County:**  
**Lot:**  
**Concession:**  
**Latitude:**  
**Longitude:**  
**Easting:**  
**Northing:**  
**UTM Zone:**  
**Data Source:**

**Site:** lot 18 con 4 OTTAWA ON

**Database:**  
 WWIS

**Well ID:** 1535494  
**Construction Date:**  
**Primary Water Use:** Domestic  
**Sec. Water Use:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** Z22105  
**Tag:** A002663  
**Construction Method:**  
**Elevation (m):**  
**Elevation Reliability:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Flowing (Y/N):**  
**Flow Rate:**  
**Clear/Cloudy:**

**Data Entry Status:**  
**Data Src:**  
**Date Received:** 5/5/2005  
**Selected Flag:** Yes  
**Abandonment Rec:**  
**Contractor:** 6667  
**Form Version:** 3  
**Owner:**  
**Street Name:**  
**County:** OTTAWA  
**Municipality:** CUMBERLAND TOWNSHIP  
**Site Info:**  
**Lot:** 018  
**Concession:** 04  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 11316033  
**DP2BR:**  
**Spatial Status:**  
**Code OB:** x  
**Code OB Desc:** Unknown type in the lower layers(s)  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 11/22/2004  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**

**Elevation:**  
**Elevrc:**  
**Zone:**  
**East83:**  
**North83:**  
**Org CS:**  
**UTMRC:**  
**UTMRC Desc:**  
**Location Method:** na



**Supplier Comment:**

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932996485  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 11  
**Mat2 Desc:** GRAVEL  
**Mat3:** 02  
**Mat3 Desc:** TOPSOIL  
**Formation Top Depth:** 0  
**Formation End Depth:** .2  
**Formation End Depth UOM:** m

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932996488  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Mat1:**  
**Most Common Material:**  
**Mat2:**  
**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 2  
**Formation End Depth:** 3.75  
**Formation End Depth UOM:** m

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932996486  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 11  
**Mat2 Desc:** GRAVEL  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** .2  
**Formation End Depth:** 1  
**Formation End Depth UOM:** m

**Overburden and Bedrock**  
**Materials Interval**

**Formation ID:** 932996487  
**Layer:** 3  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 31  
**Mat2 Desc:** COARSE GRAVEL  
**Mat3:**

**Mat3 Desc:**  
**Formation Top Depth:** 1  
**Formation End Depth:** 2  
**Formation End Depth UOM:** m

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 932996489  
**Layer:** 5  
**Color:** 2  
**General Color:** GREY  
**Mat1:**  
**Most Common Material:**  
**Mat2:**  
**Mat3 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 3.75  
**Formation End Depth:** 4.25  
**Formation End Depth UOM:** m

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933268442  
**Layer:** 1  
**Plug From:** 0  
**Plug To:** 5  
**Plug Depth UOM:** m

**Method of Construction & Well  
Use**

**Method Construction ID:** 961535494  
**Method Construction Code:** A  
**Method Construction:** Digging  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 11330888  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930855306  
**Layer:** 1  
**Material:** 3  
**Open Hole or Material:** CONCRETE  
**Depth From:** 0  
**Depth To:** 5  
**Casing Diameter:** 1.22  
**Casing Diameter UOM:** cm  
**Casing Depth UOM:** m

**Results of Well Yield Testing**

**Pump Test ID:** 991535494  
**Pump Set At:**  
**Static Level:**  
**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:** 1  
**Water State After Test:** CLEAR  
**Pumping Test Method:**  
**Pumping Duration HR:**  
**Pumping Duration MIN:**  
**Flowing:** No

**Water Details**

**Water ID:** 934059764  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:**  
**Water Found Depth UOM:** m

**Hole Diameter**

**Hole ID:** 11533536  
**Diameter:** 6  
**Depth From:** 0  
**Depth To:**  
**Hole Depth UOM:** m  
**Hole Diameter UOM:** cm

# 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 Sep 2020**

## **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-Jun 30, 2020**

## **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.

Environment and Climate Change Canada cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

**Government Publication Date: Jan 2004-Dec 2017**

**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: Jul 31, 2020**

**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-Jun 30, 2020**

**Compressed Natural Gas Stations:**

Private CNG

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

**Government Publication Date: Dec 2012 - Sep 2020**

**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-Dec 2019**

**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-Sep 30, 2020**

**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 2019**

**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: Jul 31, 2020**

**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-Oct 31, 2020**

**Environmental Registry:**

Provincial [EBR](#)

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

**Government Publication Date: 1994-Sep 30, 2020**

**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-Oct 31, 2020**

**Environmental Effects Monitoring:**

Federal [EEM](#)

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

**Government Publication Date: 1992-2007\***

**ERIS Historical Searches:**

Private [EHS](#)

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

**Government Publication Date: 1999-Jul 31, 2020**

**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, 2019**

**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: Jul 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-Apr 2020**

**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: Jul 31, 2020**

**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-Jul 31, 2020**

**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 CO<sub>2</sub> eq).

**Government Publication Date: 2013-Dec 2018**

**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: Jul 31, 2020**

**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-Jan 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, 2018**

**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-Mar 31, 2020**

**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](http://www.nickles.com).

**Government Publication Date: 1988-Aug 31, 2020**

**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-Jun 2020**

**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-Sep 30, 2020**

**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-Oct 31, 2020**

**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.

The coronavirus pandemic is cited by the agency responsible for tank regulations and data as an explanation for delays in releasing data pursuant to requests.

**Government Publication Date: Feb 28, 2017**

**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-Sep 30, 2020**

**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: 1986-2016**

**Record of Site Condition:**

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

**Government Publication Date: 1997-Sept 2001, Oct 2004-Sep 2020**

**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-Jun 30, 2020**

**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-Nov 2019**

**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, 2017**

**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-Aug 2018**

**Variances for Abandonment of Underground Storage Tanks:**

Provincial [VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

**Government Publication Date: Jul 31, 2020**

**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-Oct 31, 2020**

**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: Apr 30, 2020**

# 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**

## Joshua Dempsey, BSc Junior Environmental Technician

Joshua joined Paterson Group in 2019 as part of the Environmental Group. Joshua received his Bachelor of Science in Environmental Science from the University of Ottawa in 2018, as well as his Graduate Certificate in Environmental Management and Assessment from Algonquin College in 2019. In his time with Paterson, Joshua has been involved in primarily residential and commercial projects across Ontario, where he completed environmental and geotechnical sampling programs, Phase I and II environmental site assessments (CSA and MECP standards), supervision of environmental remediations, and excess soil testing. His scope of work consists of environmental investigation and reporting, field inspections, soil and groundwater sampling, remediation supervision, and ensuring compliance to applicable regulatory standards.

### EDUCATION

Bachelor of Science in  
Environmental Science, 2018  
University of Ottawa  
Ottawa, Ontario

Environmental Management and  
Assessment, Graduate Certificate,  
2019  
Algonquin College  
Ottawa, Ontario

### YEARS OF EXPERIENCE

With Paterson: 2

### OFFICE LOCATION

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

### SELECT LIST OF PROJECTS

- PCL - ESAP Project, Cliff Plant, Ottawa, ON – Excess Soil Quality Assessment.
- 1060 Cummings Avenue, Ottawa, ON, Large-Scale Remediation, Phase I and II ESA (Site Remediation Coordinator and Supervisor).
- Caivan Communities: The Ridge, Ottawa, ON, Environmental and Geotechnical Subsurface Investigations, Soil and Groundwater Sampling, Remediation Supervision.
- Taggart Residential Development, Gardiners Road, Kingston, ON, Phase II ESA Supervision, Groundwater Monitoring, Remediation Supervision.
- 36 Robinson Avenue, Ottawa, ON – Remediation Program, Phase I and II ESA (Site Remediation Coordinator & Supervisor).
- 245 Rideau Street, Ottawa, ON - Large-Scale Remediation, Phase I and II ESA (Site Remediation Coordinator & Supervisor).
- Excess Soil Sampling and Testing, Various Sites, Ottawa Area.
- Soil, Water, and Sediment Sampling, Various Sites.

**PROFESSIONAL EXPERIENCE**

2019 to present, **Junior Environmental Technician, Paterson Group, Ottawa, Ontario**

- Conduct Phase I and Phase II - Environmental Site Assessments (ESAs), Soil and Groundwater Remediation Programs and the preparation of Records of Site Condition
- Manage excavation contractors to ensure soil quality control; daily reporting to project manager
- Present analytical test results, interpretations, assessments, recommendation and/or conclusion in a final technical report
- Oversee geotechnical investigations for test pitting on numerous proposed utility installations, residential and commercial developments.
- Conduct laboratory testing program of soils and water for detail recommendations
- Problem solving to complete analysis required
- Adapt to unforeseen on-site challenges and provide first-hand insights to help collaborate toward a solution
- Oversee large-scale remediation projects and monitor material being excavated
- Monitor and sample multiple groundwater wells with a high degree of precision regarding the quality and parameters of the sample
- On-site settlement plate surveying of future residential developments



## Mark S. D'Arcy, P.Eng., QP<sup>ESA</sup> Senior Environmental/Geotechnical Engineer

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

### EDUCATION

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

### LICENCE/ PROFESSIONAL AFFILIATIONS

Professional Engineers of Ontario

ESA Qualified Person with MECF

Ottawa Geotechnical Group

Consulting Engineers of Ontario

### YEARS OF EXPERIENCE

With Paterson: 30

### OFFICE LOCATION

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

### SELECT LIST OF PROJECTS

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

## **PROFESSIONAL EXPERIENCE**

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

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

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

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