

# **Phase I – Environmental Site Assessment**

540 Dealership Drive  
Ottawa, Ontario

Prepared for: Myers Automotive Group

Report: PE4104-1  
January 12, 2026

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## TABLE OF CONTENTS

EXECUTIVE SUMMARY.....	ii
1.0 INTRODUCTION.....	1
2.0 PHASE I PROPERTY INFORMATION.....	2
3.0 SCOPE OF INVESTIGATION .....	3
4.0 RECORDS REVIEW .....	4
4.1 General.....	4
4.2 Environmental Source Information .....	5
4.3 Physical Setting Sources .....	9
5.0 INTERVIEWS .....	11
6.0 SITE RECONNAISSANCE.....	11
6.1 General Requirements.....	11
6.2 Specific Observations at the Phase I Property .....	12
7.0 REVIEW AND EVALUATION OF INFORMATION .....	14
7.1 Land Use History .....	14
7.2 Conceptual Site Model.....	15
8.0 CONCLUSIONS .....	17
8.1 Assessment.....	17
9.0 STATEMENT OF LIMITATIONS .....	18
10.0 REFERENCES.....	19

### List of Figures

- Figure 1 – Key Plan
- Figure 2 – Topographic Map
- Drawing PE4104-1 – Site Plan
- Drawing PE4104-2 – Surrounding Land Use Plan

### List of Appendices

- Appendix 1 Aerial Photographs
  - Site Photographs
  - Topographic Plan of Survey
- Appendix 2 MECP Freedom of Information
  - TSSA Correspondence
  - City of Ottawa HLUI
  - City of Ottawa HLUI Correspondence
  - ERIS Database Report
- Appendix 3 Qualifications of Assessors

## EXECUTIVE SUMMARY

### Assessment

Paterson Group was retained by the Myers Automotive Group to carry out a Phase I – Environmental Site Assessment (Phase I ESA) for 540 Dealership Drive, in the City of Ottawa, Ontario. The objective of the Phase I ESA was to research the past and current use of the site (Phase I Property) and a 250m study area (Phase I Study Area) to identify any environmental concerns with the potential to have impacted the subject property.

Based on the historical research, the site has never been formally developed, but was used for agricultural purposes until circa 2015. The Phase I Property has remained functionally unchanged since 2019 when much of the lot was resurfaced with gravel. No potential environmental concerns were identified with respect to the historical use of the Phase I Property.

Based on the earliest available evidence, the surrounding properties within the Phase I study area were originally used for agricultural purposes and have since been converted to commercial use. No potential environmental concerns were identified with respect to the historical use of the neighbouring properties.

Following the historical research, a site visit was conducted. The Phase I ESA Property is currently undeveloped; however, a granular fill pad is present on the northern portion of the property and is utilized as a parking area. The southern property boundary consists of a landscaped area. No potential environmental concerns were identified with respect to the current use of the Phase I Property.

Neighbouring land use in the Phase I Study Area is primarily commercial with some vacant land. Six (6) PCAs were identified within the Phase I Study Area: four (4) new car dealerships and an autobody shop surrounding the Phase I Property, as well as a snow disposal facility located approximately 150 m to the south. Based on the recent construction of the dealerships and the autobody shop and the separation distances between the Phase I Property and the identified PCAs, none are considered to represent Areas of Potential Environmental Concern (APECs) to the Phase I Property.

Based on the findings of this assessment, it is our opinion that **a Phase II – Environmental Site Assessment will not be required for the Phase I Property.**

## 1.0 INTRODUCTION

At the request of Myers Automotive Group, Paterson Group (Paterson) carried out a Phase I - Environmental Site Assessment (ESA) for the parcel of land at 540 Dealership Drive, in Ottawa, Ontario. The purpose of the 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 an impact on the proposed reconstruction project.

Paterson was engaged to conduct this Phase I – ESA by Mr. Dave Johnson, with Myers Automotive Group. Mr. Johnson can be reached by telephone at 613-225-2277.

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 in general accordance with the requirements of Ontario Regulation (O.Reg.) 153/04 as amended under the Environmental Protection Act, and CSA Z768-01. The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I-ESA are based on a review of readily available geological, historical and regulatory information and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

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## 2.0 PHASE I PROPERTY INFORMATION

Address:	540 Dealership Drive, Ottawa, Ontario.
Location:	The Phase I property is located on the south side of Dealership Drive, approximately 400m west of the Dealership Drive and Strandherd Drive intersection. For the purposes of this report, Dealership Drive will be treated as running in an east-west orientation. Refer to Figure 1 – Key Plan for the site location.
Latitude and Longitude:	45° 15' 43.23" N, 75° 46' 54.68" W.
<b>Site Description:</b>	
Configuration:	Irregular
Area:	1.8ha (approximately).
Zoning:	IP – Business Park Industrial Zone.
Current Use:	The Phase I Property currently consists of a vacant lot characterized by a landscaped area located along the southern portion of the site and a gravel-covered area occupying the majority of the north end of the property.
Services:	The property is situated in a municipally serviced area.

### 3.0 SCOPE OF INVESTIGATION

The scope of work for this Phase I ESA is described as follows:

- Determine the historical activities occurring on the Phase I Property and in the Phase I Study Area by conducting a review of readily available records, reports, photographs, plans, mapping information, databases, and regulatory agencies;
- Investigate the existing conditions present on the Phase I Property and in the Phase I Study Area by conducting site reconnaissance;
- Conduct interviews with persons knowledgeable of current and historic operations on the Phase I Property and, if warranted, the neighbouring properties;
- Present the results of our findings in a comprehensive report in general accordance with the requirements O. Reg. 153/04, as amended under the Environmental Protection Act, and 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.

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## **4.0 RECORDS REVIEW**

### **4.1 General**

#### **Phase I ESA Study Area Determination**

A radius of approximately 250m was deemed appropriate for defining the study area for this assignment, herein referred to as the Phase I Study Area. Properties located outside of the Phase I Study Area are not considered to have had the potential to impact the Phase I Property, based on their significant separation distances.

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

Based on a review of historically available information, the Phase I Property has never been formally developed.

#### **Fire Insurance Plans**

Fire Insurance Plans (FIPs) are not available for the area of the Phase I Property.

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

City of Ottawa street directories are not available for the Phase I Property and Study Area.

#### **Plan of Survey**

A topographic plan of survey for the Phase I Property, prepared by Annis, O'Sullivan Vollebakk Ltd. was reviewed as part of the Phase I ESA. The plan shows the Phase I Property (identified as Lot 9) in its current configuration. A copy of the topographic plan of survey is provided in Appendix 1.

#### **Chain of Title**

A chain of title was not requested for the Phase I Property as part of this assessment, since it is our opinion that no new information would be ascertained.

## 4.2 Environmental Source Information

### National Pollutant Release Inventory

A search of the National Pollutant Release Inventory (NPRI) database was conducted as part of this assessment. This federally managed database provides various reports and tracking information relating to the release of solid, liquid, or gaseous pollutants from industrial facilities into the natural environment.

A search of this database did not identify any pollutant release records listed for the Phase I Property, or any properties situated within the Phase I Study Area.

### MECP Incident Reports

A request was submitted to the MECP Freedom of Information (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 Phase I Property or any of the neighbouring properties. The response from the MECP indicated that there were no incident reports relating to the Phase I Property that pertained to activities or occurrences that pose an environmental concern to the Phase I Property.

### MECP Instruments

A request was submitted to the MECP FOI office for information with respect to certificates of approval, permits to take water, certificates of property use, or any other similar MECP issued instruments for the Phase I Property. The response from the MECP indicated that no relevant records were identified pertaining to the Phase I Property.

### MECP Submissions

A request was submitted to the MECP FOI office for information with respect to reports related to environmental conditions for the Phase I Property. The response from the MECP indicated that no relevant records were identified pertaining to the Phase I Property.

## **MECP Waste Management Records**

A request was submitted to the MECP FOI office for information with respect to waste management records for the Phase I Property. The response from the MECP indicated that no relevant records were identified pertaining to the Phase I Property.

## **MECP Brownfields Environmental Site Registry**

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment. This database contains publicly available information on Records of Site Condition (RSCs) filed in the Province of Ontario between 2004 and 2025. No Records of Site Condition (RSCs) were filed for the Phase I Property or any properties in the Phase I Study Area.

## **MECP Waste Disposal Site Inventory**

The Ontario Ministry of Environment, Conservation and Parks document entitled, "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of this assessment. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants, and coal tar distillation plants situated in the Province of Ontario.

A review of this document did not identify any such sites on the Phase I Property or within the Phase I Study Area.

## **MECP Coal Gasification Plant Inventory**

The Ontario Ministry of Environment, Conservation and Parks document entitled, "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed as part of this assessment. This document provides a reference to the locations of former plants with respect to the Phase I Property.

A review of this document did not identify any former coal gasification plants located on the Phase I Property or within the Phase I Study Area.

## **Ontario PCB Waste Storage Site Inventory**

The Ontario Ministry of Environment, Conservation and Parks document entitled, "*Ontario Inventory of PCB Storage Sites, April 1995*" was reviewed as part of this assessment. This document identifies all recorded active and closed PCB waste storage sites situated in the Province of Ontario.

A review of this document did not identify any former PCB waste storage sites situated within the Phase I Study Area.

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

The TSSA Fuels Safety Branch in Toronto was contacted electronically on November 25, 2025, as part of this assessment, to inquire about current and former fuel storage tanks for the Phase I Property as well as the neighbouring properties within the Phase I Study Area. No records were found for the Phase I Property or neighbouring properties.

The TSSA correspondence is included in Appendix 2.

### **OMNRF Areas of Natural and Scientific Interest (ANSI)**

A search for ANSI sites situated within the Phase I Study Area was conducted electronically via the Ontario Ministry of Natural Resources and Forestry (OMNRF) website as part of this assessment.

A review of the available mapping information did not identify any ANSI sites situated on the Phase I Property or within the Phase I Study Area.

### **City of Ottawa Old Landfill Sites**

The City of Ottawa's Former Landfills online map was reviewed as part of this assessment. This map identifies 123 former landfills through the City of Ottawa's Old Landfill Management Strategy (OLMS 2004) and includes location, ownership, periods of operation and waste type for 82 sites identified as previously owned/operated either fully or in part by former municipalities and townships within the boundaries of the City of Ottawa, and is updated periodically.

A review of this map on December 18, 2025, did not identify any landfill sites situated on the Phase I Property or within 250 m of the Phase I Property.

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

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

The search results were provided to Paterson on December 17<sup>th</sup>, 2025. The search returned no records for Phase I Property. In addition, a response received from the

City of Ottawa via email indicated that no records were identified for any surrounding properties within the Phase I Study Area.

Copies of the HLUI response and the City of Ottawa email correspondence are appended to this report.

### **ERIS Database Report**

A database report, prepared by ERIS (Environmental Risk Information Services Ltd.), dated November 12, 2025, was acquired and reviewed as part of this assessment. This report provides a compilation of various provincial and federal environmental related records pertaining to any properties situated within the Phase I Study Area. The complete ERIS report has been included in Appendix 2.

The ERIS report identified no records pertaining to the Phase I Property.

The ERIS report identified a total of 16 records for properties within the 250m radius of the Phase I Property. One of these records pertains to a previous ERIS search which does not represent a potential concern to the Phase I Property.

The ERIS report identified 7 Waste Generator records for properties within 250m of the Phase I Property. All records pertain to wastes generated in excess of 225m from the Phase I Property. Based on the separation distance between these activities and the Phase I Property, the generation of these wastes is not considered to pose a potential environmental concern to the Phase I Property.

The ERIS report identified 4 Environmental Compliance Approvals and 1 Environmental Registry records for properties within 250m of the Phase I Property. Each of these nine records pertain to approvals for modifications to municipal sewage works. Based on the nature of the activities associated with these records they do not pose a potential environmental concern to the Phase I Property.

The ERIS report identified 3 Ontario Spill records for properties within 250m of the Phase I Property. All the spill records were in excess of 225m from the Phase I Property. Based on the minimal volumes and significant separation distances, none of these spills are considered to pose a potential risk to the Phase I Property.

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

### 4.3 Physical Setting Sources

Historical aerial photographs of the Phase I Study Area were obtained from the National Air Photo Library, City of Ottawa (geoOttawa), Google Earth, and reviewed in approximate ten-year intervals. Based on a review of these photographs, the following observations have been made:

- |      |  |
|------|--|
| 1946 | (National Air Photo Library) The Phase I Property consists of vacant agricultural land. The surrounding properties are largely vacant or used for agricultural purposes.   |
| 1963 | (National Air Photo Library) No significant changes are apparent with respect to the Phase I Property or the surrounding properties in the Phase I Study Area.   |
| 1976 | (geoOttawa) No significant changes are apparent with respect to the Phase I Property or the surrounding properties in the Phase I Study Area.  |
| 1991 | (geoOttawa) No significant changes are apparent with respect to the Phase I Property or the surrounding properties in the Phase I Study Area.  |
| 2002 | (geoOttawa) No significant changes are apparent with respect to the Phase I Property. Highway 416 and Strandherd Drive have been constructed further west and east of the Phase I Property respectively.   |
| 2011 | (geoOttawa) No significant changes are apparent with respect to the Phase I Property. The parcel of land located directly southeast of the Phase I Property has been resurfaced with granular fill and has been developed as a City of Ottawa snow disposal facility.  |
| 2022 | (geoOttawa) The majority of the Phase I Property has been resurfaced with granular fill. Dealership Drive and Citigate Drive have since been constructed to the north and northwest of the Property, respectively. In addition, several car dealerships have been developed on the surrounding properties, and a stormwater management pond has been constructed to the northeast of the Phase I Property. The Phase I property and neighbouring properties are depicted as they appear today. |

Copies of the aerial photographs selected for review are included in Appendix 1.

### **Geological Maps**

Geological mapping information for the Phase I Property was obtained from The Geological Survey of Canada – Urban Geology of the National Capital Area and reviewed as part of this assessment.

Based on the available mapping information, the bedrock beneath the Phase I Property generally consists of interbedded limestone and dolomite of the Gull River Formation. Overburden soils consist of offshore marine sediments. The drift thickness on the site is expected to range between 10 and 15m.

### **Water Bodies**

No water bodies are present on the Phase I Property.

The nearest named water body to the Phase I Property is the O’Keefe Municipal Drain, which runs north–south approximately 25 m south of the property’s southern boundary. The O’Keefe Municipal Drain is a small tributary of the Jock River, which it joins approximately 1.2 km south of the Phase I Property.

### **Topographic Maps**

A topographic map of the Phase I Property was obtained from the Natural Resources Canada – The Atlas of Canada website and reviewed as part of this assessment. The topographic map indicates that the general elevation of the Phase I Property is approximately 100m above sea level, while the regional topography within the greater area is depicted as sloping downwards to the southeast in the direction of 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 obtained from the Natural Resources Canada – The Atlas of Canada website and reviewed as a part of this assessment. According to the publication and available mapping information, the Phase I Property is situated within the St. Lawrence Lowlands. According to the description provided: “...*the lowlands are plain-like areas that were affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the*

*ice sheets.*” The Phase I Property is specifically located within the Central St. Lawrence Lowland area, which is rarely more than 150m above sea level.

### **MECP Water Well Records**

A search of the MECPs website for all drilled well records within a 250m radius of the Phase I Property was conducted as part of this assessment. The search identified 1 well record within the Phase I Study Area. The record refers to a well installed in 1989. Based on the driller’s location sketches, this well was incorrectly mapped within the Phase I Study Area. In reality, it is situated approximately three kilometers north of the Phase I property. Therefore, no wells are located within the Phase I Study Area.

## **5.0 INTERVIEWS**

### **Property Owner**

Mr. Dave Johnston, Director of Real Estate at Myers Automotive, was contacted via email to provide information regarding the environmental history of the Phase I Property. Mr. Johnston indicated that Zena Investment Corporation has owned the property since 2015 and that, to his knowledge, no structures have ever been constructed on the site. He also stated that he is not aware of any environmental concerns—including spills, contamination, or remedial activities—on the Phase I Property or on adjacent properties.

## **6.0 SITE RECONNAISSANCE**

### **6.1 General Requirements**

A site inspection was conducted for the Phase I Property on November 24, 2025, between 3:00PM and 4:00PM. Weather conditions were cloudy, with a temperature of approximately -5°C. Mr. Christopher Green, from the Environmental Department of Paterson Group, conducted the inspection.

In addition to the Phase I Property, 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 the Phase I Property

### Site Description

The Phase I Property is currently a vacant lot. The northern portion of the lot consists of granular fill, while a small portion of the south side of the property consists of a landscaped area.

The site topography is sloped slightly to the south. The regional topography slopes in the same direction towards the Jock River. The Phase I Property is considered to be at grade with respect to the neighbouring streets.

Water drainage on the Phase I Property occurs via both infiltration in landscaped areas and the crushed stone pad and sheeting over more impermeable surfaces in the crushed stone to roadside ditches or catch basins.

No ponded water, stressed vegetation, surficial staining, or any other indications of potential sub-surface contamination were observed on the Phase I Property at time of the site inspection. It should be noted that the site was snow covered during the inspection and a detailed surficial inspection could not be completed.

A depiction of the Phase I Property is illustrated on Drawing PE4104-1 – Site Plan, in the Figures section of this report.

### Buildings and Structures

At the time of the site inspection there were no buildings or structures located on the Phase I Property.

### Potential Environmental Concerns

#### Fuels and Chemical Storage

No chemical storage areas, signs of aboveground storage tanks (ASTs), or signs of underground storage tanks (USTs) were observed on the Phase I property at the time of the site inspection.

#### Hazardous Materials and Unidentified Substances

At the time of the site inspection, no hazardous materials, unidentified substances, spills, surficial staining, abnormal odours, stressed vegetation, or any other indications of potential sub-surface contamination were observed on the Phase I Property.

### **Polychlorinated Biphenyls (PCBs) and Transformer Oil**

At the time of the site inspection, two pad mounted transformers were observed to the north and west of the Phase I Property. The transformers were observed to be in good condition with no observable damage or staining in their vicinity. No other potential sources of transformer oil were identified on the exterior of the Phase I Property.

### **Waste Management**

The subject site is currently vacant. Therefore, no waste is being generated on the property at this time.

### **Current or Former Rail or Spur Lines**

No current or former rail or spur lines are present within the project area.

### **Neighbouring Properties**

At the time of the site inspection, a survey of the neighbouring properties was conducted from publicly accessible roadways.

Land use adjacent to the Phase I Property was observed as follows:

*North:* Dealership Drive followed by a storm water management pond and a Ford dealership.

*East:* A Honda Dealership followed by the O'Keefe municipal drain.

*South:* The O'Keefe Municipal Drain, followed by a snow disposal facility and vacant agricultural land.

*West:* An Autobody Shop followed by areas of vacant agricultural land.

Surrounding land use is shown on Drawing PE4104-2 – Surrounding Land Use Plan (SLUP). There are no PCAs considered to result in APECs on the Phase I Property.

## 7.0 REVIEW AND EVALUATION OF INFORMATION

### 7.1 Land Use History

The Phase I Property was vacant, undeveloped land, used for agricultural purposes until the northern portion was resurfaced with granular fill circa 2019. A small area along the southern boundary remains undeveloped.

Based on a review of available historical information, the land use history of the Phase I Property is summarized below in Table 1.

<b>Table 1: Land Use History 540 Dealership Drive, Ottawa, Ontario</b>			
<b>Time Period</b>	<b>Land Use</b>	<b>Description</b>	<b>Observations</b>
Prior to 2019	Agricultural or Other Use	Agricultural land	Aerial photographs from the 1940's confirm that the Phase I Property was used for agricultural purposes or unused during this time period.
2019 - Present	Commercial	Parking lot	A review of aerial photographs from 2019 through 2022 indicates that the Phase I Property was resurfaced with granular fill and is currently utilized as a parking area.

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

Six (6) PCAs were identified within the Phase I Study Area. These include four (4) recently constructed car dealerships, and an autobody shop surrounding the Phase I Property, as well as a snow disposal facility located approximately 150 m south of the Phase I Property. Based on the recent construction of the dealerships and the autobody shop, and their respective separation distances from the Phase I Property, none of the identified PCAs are considered to represent Areas of Potential Environmental Concern (APECs) to the Phase I Property, nor is the snow disposal facility.

Site features and surrounding land use can be seen on Drawing P4104-1 – Site Plan and Drawing PE4104-2 – Surrounding Land Use, respectively.

## **Contaminants of Potential Concern**

No Contaminants of Potential Concern (CPCs) were identified on the Phase I Property.

## **7.2 Conceptual Site Model**

### **Geological and Hydrogeological Setting**

Based on information from the Geological Survey of Canada and the available mapping information, the bedrock beneath the Phase I Property generally consists of interbedded limestone and dolomite of the Gull river Formation. Overburden soils consist of offshore marine sediments. The drift thickness on the site is expected to range between 10 and 15m. Hydrogeological conditions are considered to mimic the topographic setting; as a result, groundwater is expected to flow southeast in the direction of the Jock River.

### **Fill Placement**

Based on the review of historical aerial photographs, fill placement may have occurred on the subject property between 2015 and 2017. The material is interpreted to consist of stockpiled in-situ soils originating from surrounding properties undergoing construction during that period. In addition, engineered fill was placed and compacted on the northern portion of the Phase I Property in 2019.

### **Water Bodies and Areas of Natural and Scientific Interest**

No water bodies or areas of natural and scientific interest are present on the Phase I Property.

The nearest named water body with respect to the Phase I Property is the O’Keefe Municipal Drain, located approximately 25 m to the south. The Jock River is located approximately 1.2km to the south.

### **Drinking Water Wells**

The Phase I Property is located in an area that is municipally serviced with water. No drinking water wells are located within the Phase I Study Area.

### **Existing Buildings and Structures**

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

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## **Subsurface Structures and Utilities**

Underground services on the Phase I property include water services and storm sewers.

## **Neighbouring Land Use**

The surrounding lands within the Phase I Study Area consist of a mix of vacant and commercial use properties. Current land use is depicted on Drawing PE4104-2 – Surrounding Land Use Plan, in the Figures section of this report.

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

No potentially contaminating activities were identified on the Phase I Property. Six (6) PCAs were identified with respect to off-site properties none of which are considered to result in an area of potential environmental concern (APEC) on the subject property.

## **Contaminants of Potential Concern (CPCs)**

There are no contaminants of potential concern associated with the Phase I Property since there are no APEC's.

## **Current and Future Property Use**

The Phase I Property is currently used as a parking area.

It is our understanding that the Phase I Property will be developed with a new car dealership. Since the land use will not change to a more sensitive use, a record of site condition (RSC) will not be required to be filed with the MECP.

## **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 no PCAs have resulted in an APEC on the Phase I Property.

This was confirmed by a variety of independent sources, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

## 8.0 CONCLUSIONS

### 8.1 Assessment

Paterson Group was retained by the Myers Automotive Group to carry out a Phase I – Environmental Site Assessment (Phase I ESA) for 540 Dealership Drive, in the City of Ottawa, Ontario. The objective of the Phase I ESA was to research the past and current use of the site (Phase I Property) and a 250m study area (Phase I Study Area) to identify any environmental concerns with the potential to have impacted the subject property.

Based on the historical research, the site has never been formally developed, but was used for agricultural purposes until circa 2015. The Phase I Property has remained functionally unchanged since 2019 when much of the lot was resurfaced with gravel. No potential environmental concerns were identified with respect to the historical use of the Phase I Property.

Based on the earliest available evidence, the surrounding properties within the Phase I study area were originally used for agricultural purposes and have since been converted to commercial use. No potential environmental concerns were identified with respect to the historical use of the neighbouring properties.

Following the historical research, a site visit was conducted. The Phase I ESA Property is currently undeveloped; however, a granular fill pad is present on the northern portion of the property and is utilized as a parking area. The southern property boundary consists of a landscaped area. No potential environmental concerns were identified with respect to the current use of the Phase I Property.

Neighbouring land use in the Phase I Study Area is primarily commercial with some vacant land. Six (6) PCAs were identified within the Phase I Study Area: four (4) new car dealerships and an autobody shop surrounding the Phase I Property, as well as a snow disposal facility located approximately 150 m to the south. Based on the recent construction of the dealerships and the autobody shop and the separation distances between the Phase I Property and the identified PCAs, none are considered to represent Areas of Potential Environmental Concern (APECs) to the Phase I Property.

Based on the findings of this assessment, it is our opinion that **a Phase II – Environmental Site Assessment will not be required for the Phase I Property.**

## 9.0 STATEMENT OF LIMITATIONS

This Phase I – Environmental Site Assessment report has been prepared in general accordance with O.Reg. 153/04, as amended, and meets the requirements 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 as well as a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as local, provincial, and federal agencies and was limited within the scope-of-work, time, and budget of the project herein.

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

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

### **Paterson Group Inc.**



Christopher Green, B.A.



Mark D'Arcy, P.Eng., QPESA

### **Report Distribution:**

- Myers Automotive Group
- Paterson Group Inc.

## 10.0 REFERENCES

### Federal Records

- Natural Resources Canada: Air Photo Library.
- Natural Resources Canada: The Atlas of Canada.
- Geological Survey of Canada: Surficial and Subsurface Mapping.
- Environment Canada: National Pollutant Release Inventory.
- National Archives of Canada.

### Provincial Records

- MECP: Freedom of Information and Privacy Office.
- MECP: Municipal Coal Gasification Plant Site Inventory, 1991.
- MECP: Waste Disposal Site Inventory, 1991.
- MECP: Brownfields Environmental Site Registry.
- MECP: Water Well Inventory.
- MECP: Ontario PCB Waste Storage Site Inventory, 1995.
- Office of Technical Standards and Safety Authority, Fuels Safety Branch.
- Ministry of Natural Resources and Forestry Areas of Natural Significance.
- Chapman, L.J., and Putnam, D.F., 1984: 'The Physiography of Southern Ontario, Third Edition', Ontario Geological Survey Special Volume 2.

### Municipal Records

- City of Ottawa: GeoOttawa
- City of Ottawa: Historical Land Use Inventory Database
- City of Ottawa: document entitled, "Old Landfill Management Strategy, Phase I – Identification of Sites", prepared by Golder Associates, 2004.

### Local Information Sources

- Personal Interviews.

### Public Information Sources

- ERIS Database Report.
- Google Earth.
- Google Maps/Street View.

# **FIGURES**

**FIGURE 1 – KEY PLAN**

**FIGURE 2 – TOPOGRAPHIC MAP**

**DRAWING PE4104-1 – SITE PLAN**

**DRAWING PE4104-2 – SURROUNDING LAND USE PLAN**



FIGURE 1  
KEY PLAN

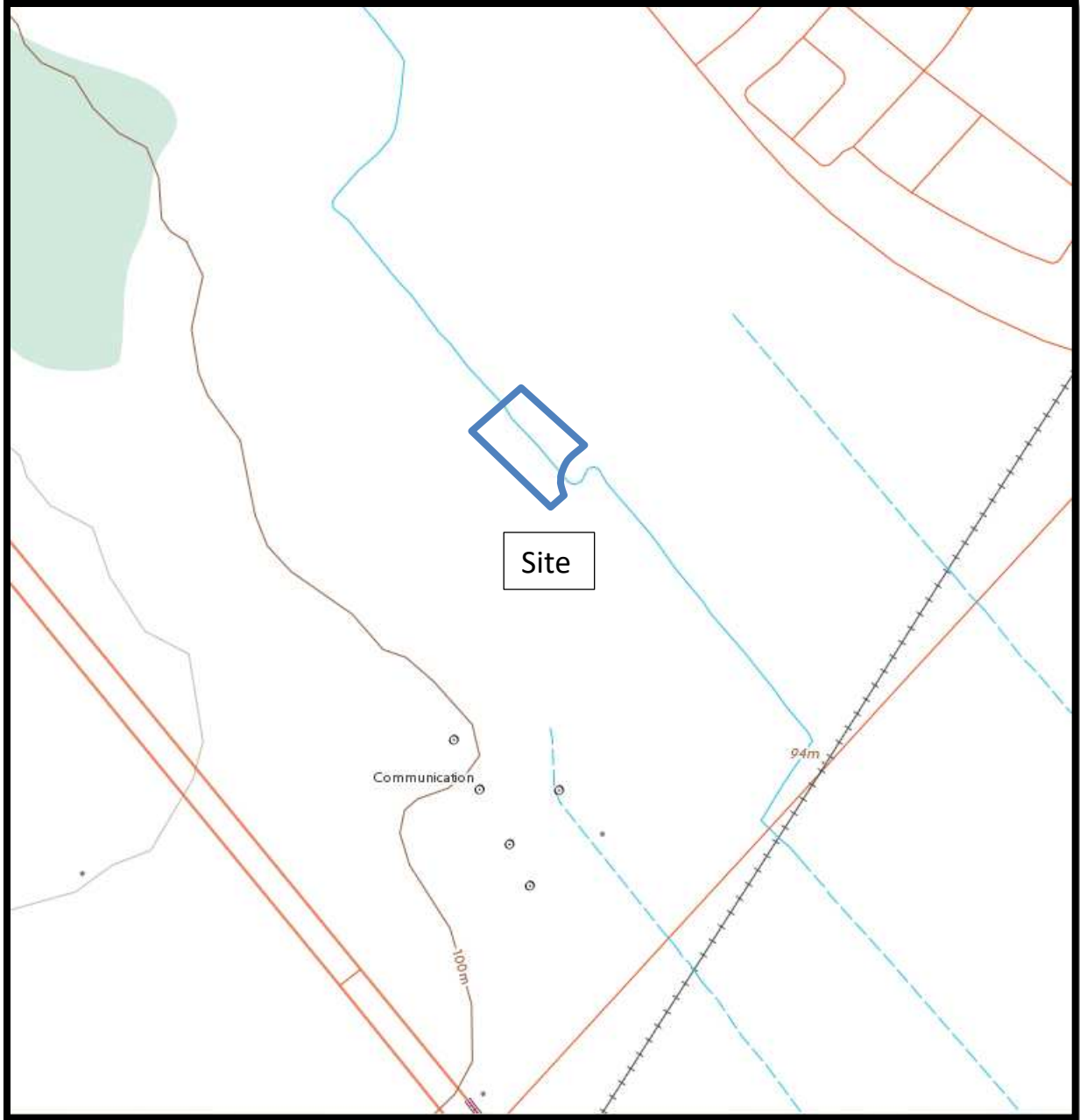
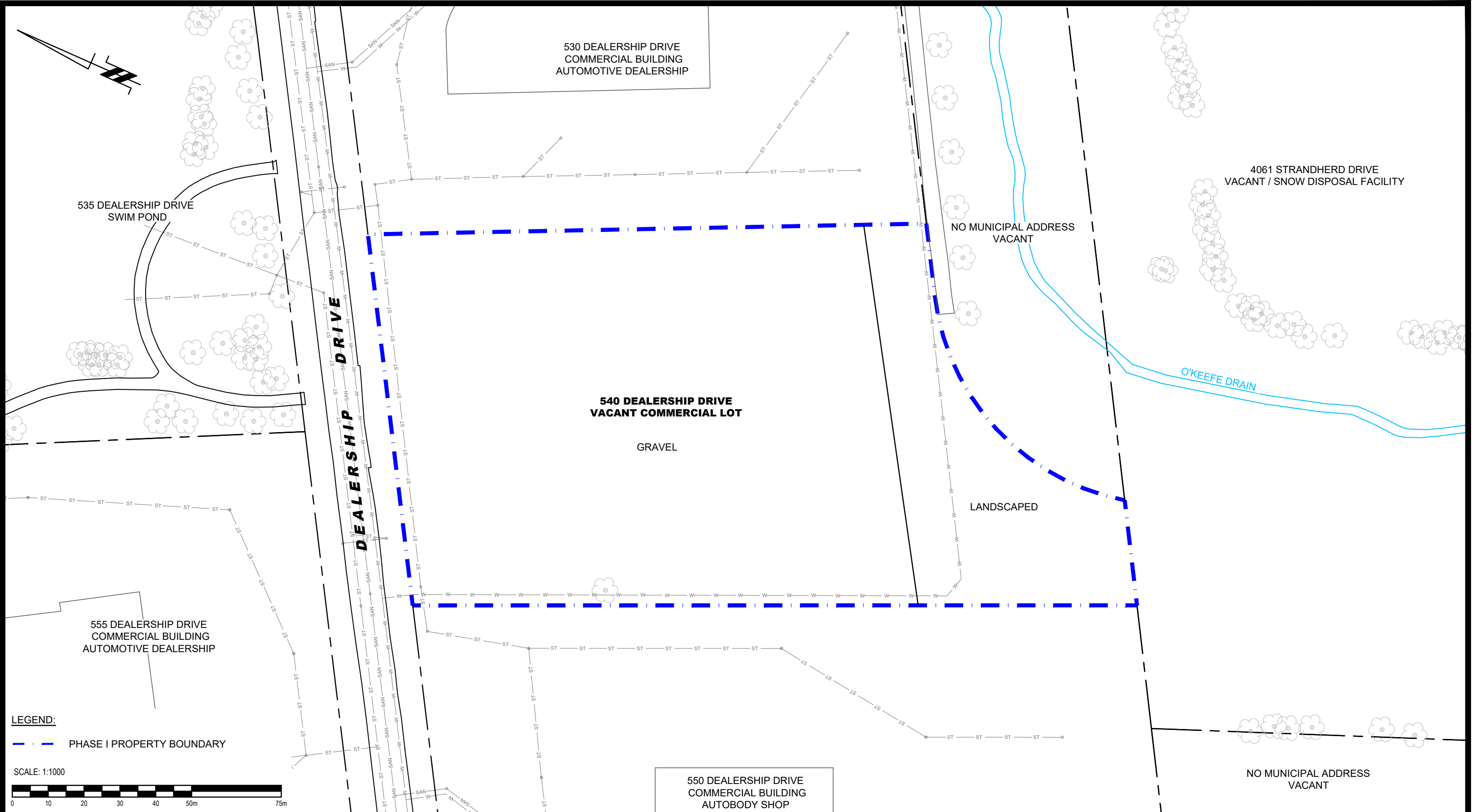
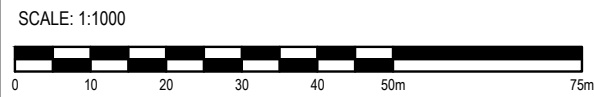


FIGURE 2  
TOPOGRAPHIC MAP



**LEGEND:**  
 - - - PHASE I PROPERTY BOUNDARY



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

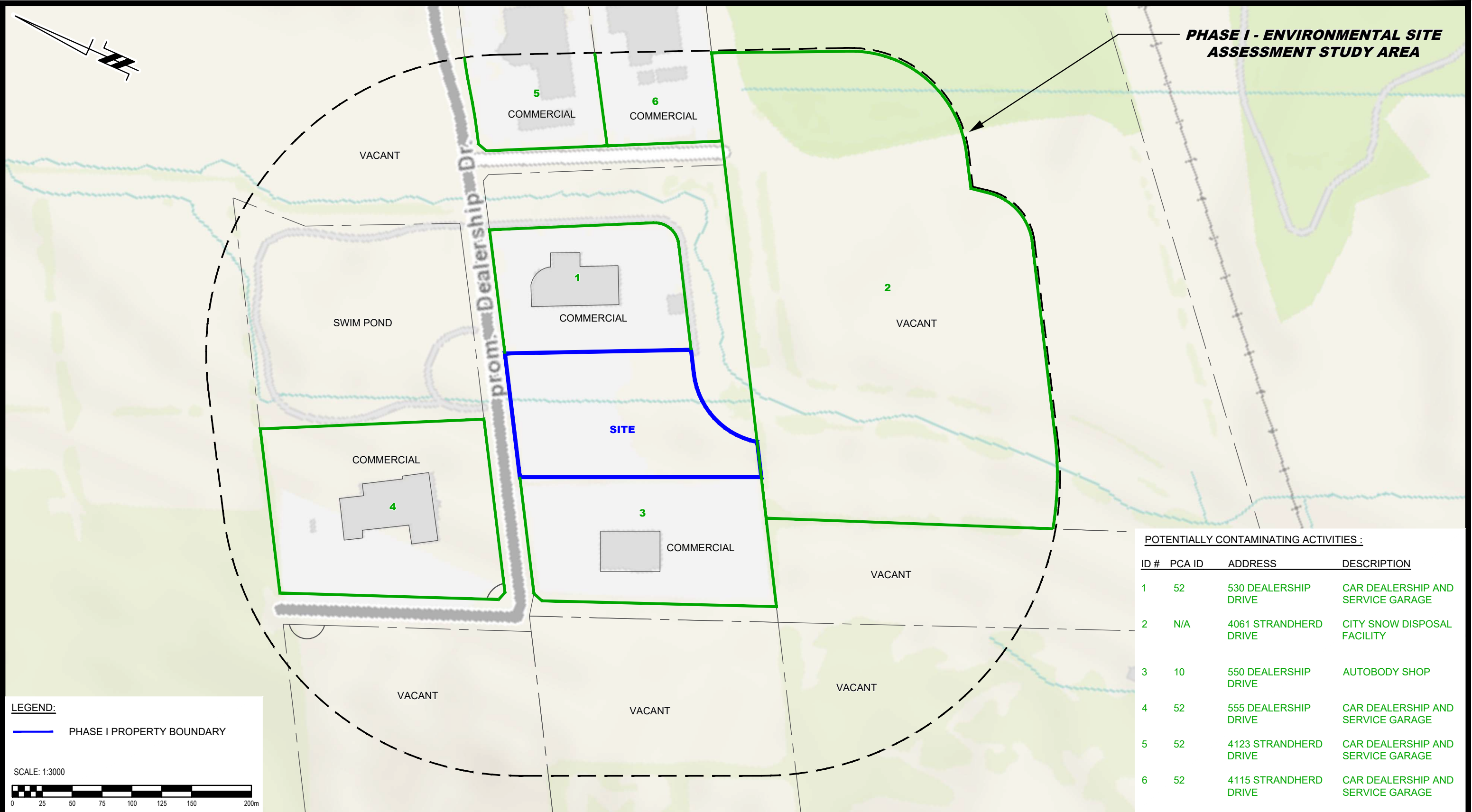
NO.	REVISIONS	DATE	INITIAL

**MYERS AUTOMOTIVE**  
**PHASE I - ENVIRONMENTAL SITE ASSESSMENT**  
**540 DEALERSHIP DRIVE**

**OTTAWA, ONTARIO**

**SITE PLAN**

Scale:	1:1000	Date:	11/2025
Drawn by:	GK	Report No.:	PE4104-1
Checked by:	CG	Dwg. No.:	<b>PE4104-1</b>
Approved by:	MSD	Revision No.:	



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

**POTENTIALLY CONTAMINATING ACTIVITIES :**

ID #	PCA ID	ADDRESS	DESCRIPTION
1	52	530 DEALERSHIP DRIVE	CAR DEALERSHIP AND SERVICE GARAGE
2	N/A	4061 STRANDHERD DRIVE	CITY SNOW DISPOSAL FACILITY
3	10	550 DEALERSHIP DRIVE	AUTOBODY SHOP
4	52	555 DEALERSHIP DRIVE	CAR DEALERSHIP AND SERVICE GARAGE
5	52	4123 STRANDHERD DRIVE	CAR DEALERSHIP AND SERVICE GARAGE
6	52	4115 STRANDHERD DRIVE	CAR DEALERSHIP AND SERVICE GARAGE

**LEGEND:**

— PHASE I PROPERTY BOUNDARY

SCALE: 1:3000

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

NO.	REVISIONS	DATE	INITIAL

**MYERS AUTOMOTIVE**  
**PHASE I - ENVIRONMENTAL SITE ASSESSMENT**  
**540 DEALERSHIP DRIVE**

**OTTAWA, ONTARIO**

**SURROUNDING LAND USE PLAN**

Scale:	1:3000	Date:	01/2026
Drawn by:	YA	Report No.:	PE4104-1
Checked by:	CG	Dwg. No.:	<b>PE4104-2</b>
Approved by:	MSD	Revision No.:	

# **APPENDIX 1**

**AERIAL PHOTOGRAPHS**

**SITE PHOTOGRAPHS**

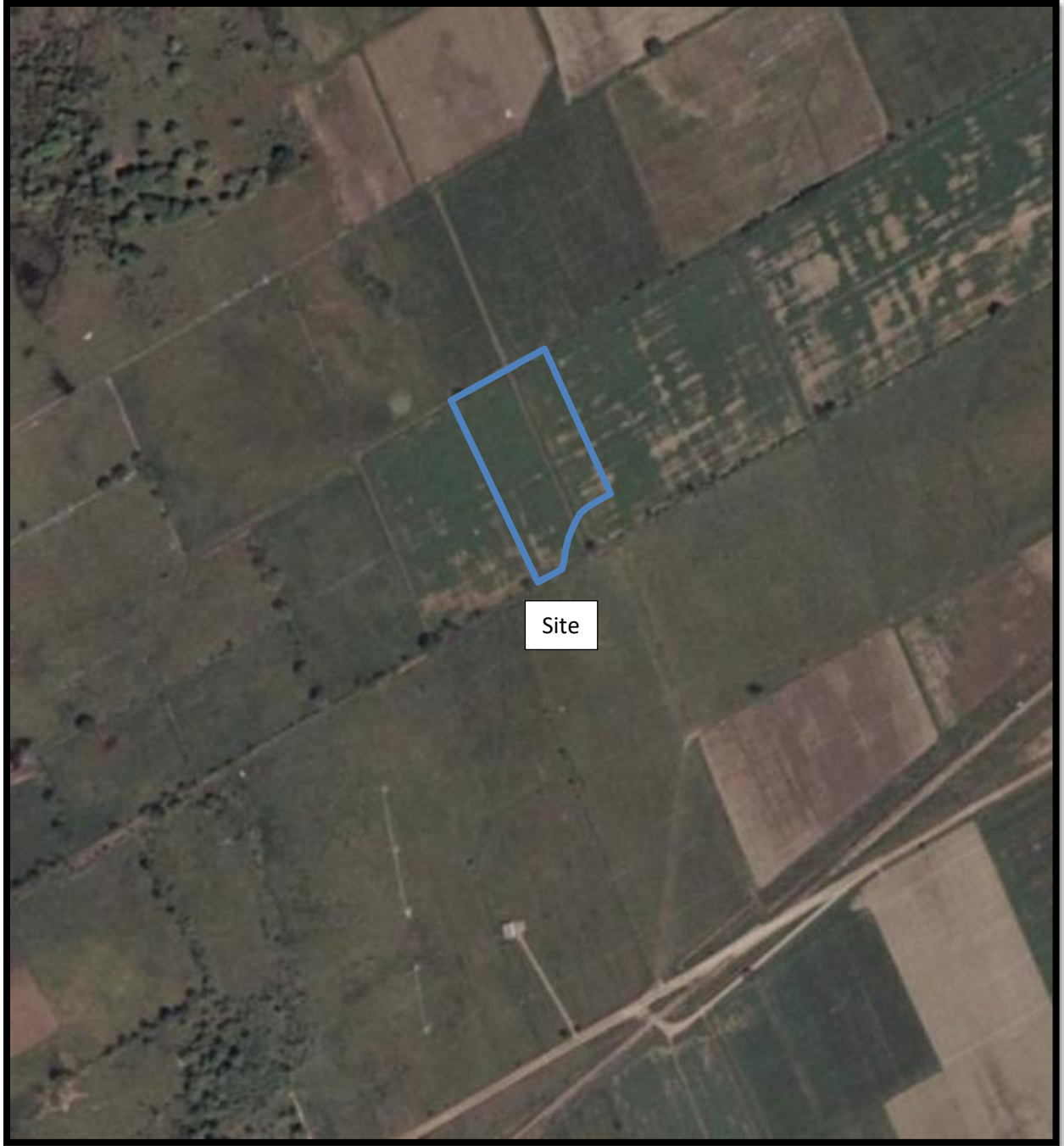
**TOPOGRAPHIC PLAN OF SURVEY**



AERIAL PHOTOGRAPH  
1946



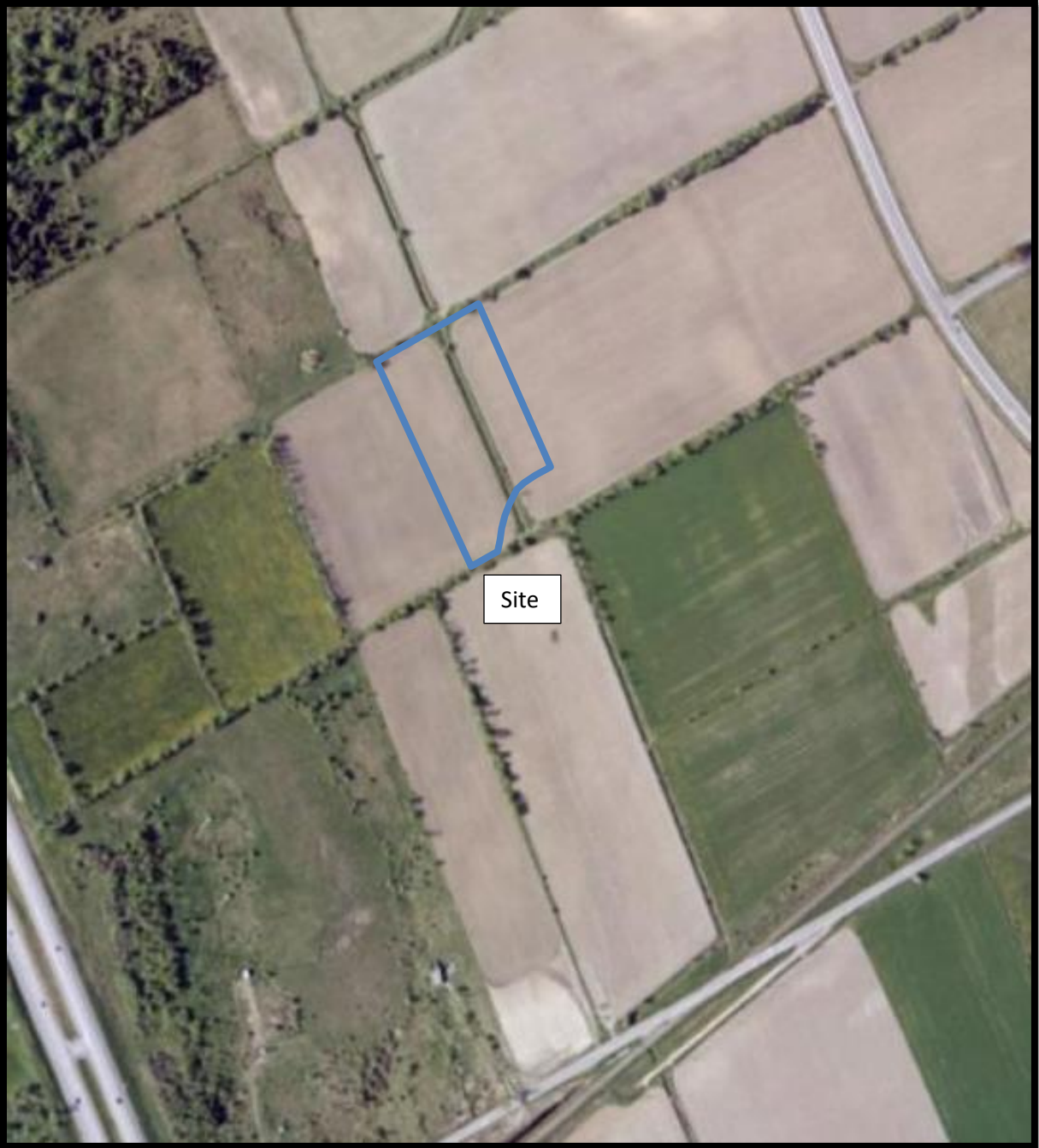
AERIAL PHOTOGRAPH  
1963



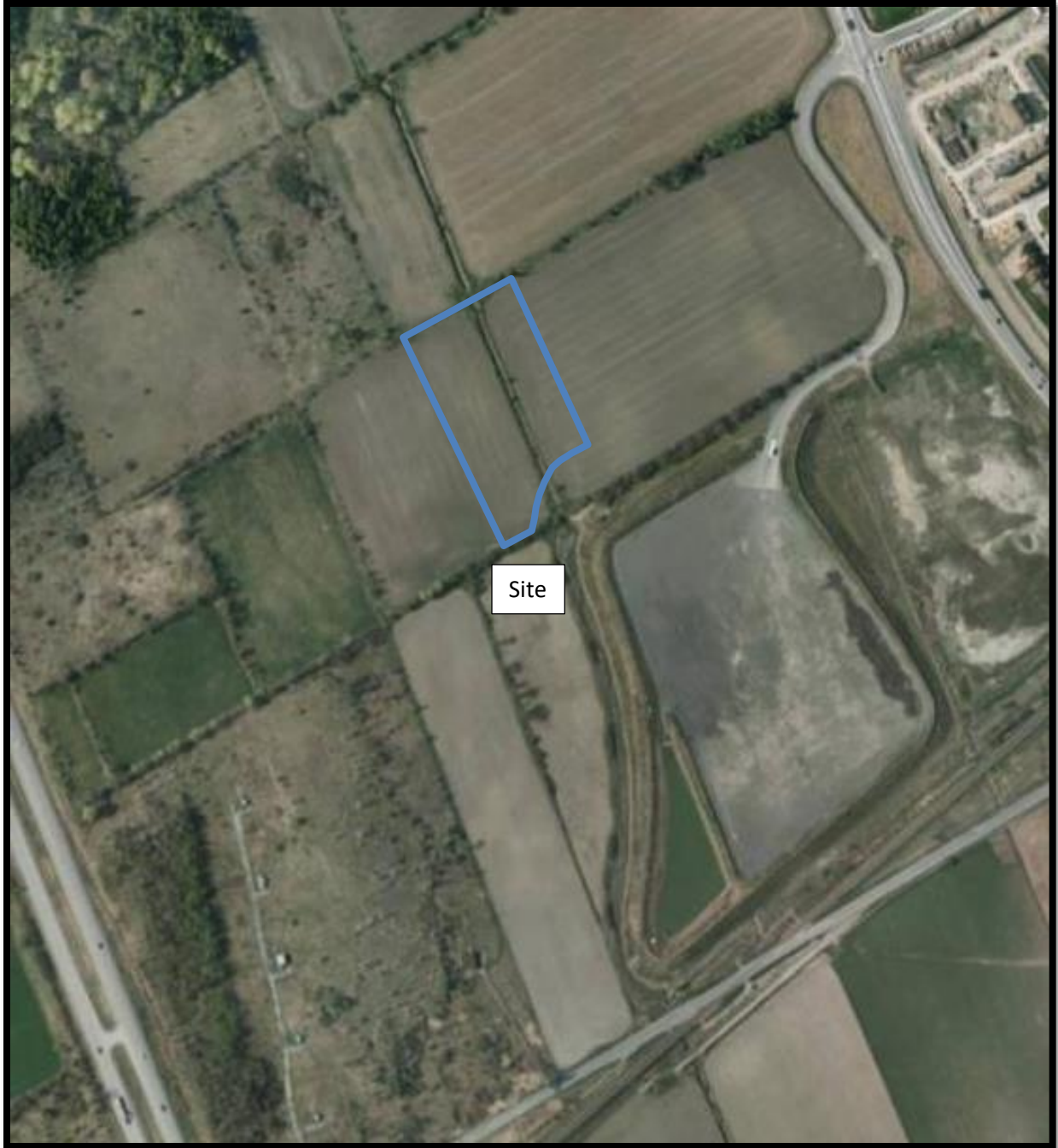
AERIAL PHOTOGRAPH  
1976



AERIAL PHOTOGRAPH  
1991



AERIAL PHOTOGRAPH  
2002



AERIAL PHOTOGRAPH  
2011



AERIAL PHOTOGRAPH  
2022

## Site Photographs

PE4104

540 Dealership Drive, Ottawa Ontario

November 24, 2025



Photograph 1: View of the north side of the Phase I Property looking east, Ottawa, Ontario.



Photograph 2: View of the south side of the Phase I Property looking west, Ottawa, Ontario.

## Site Photographs

PE4104

540 Dealership Drive, Ottawa Ontario

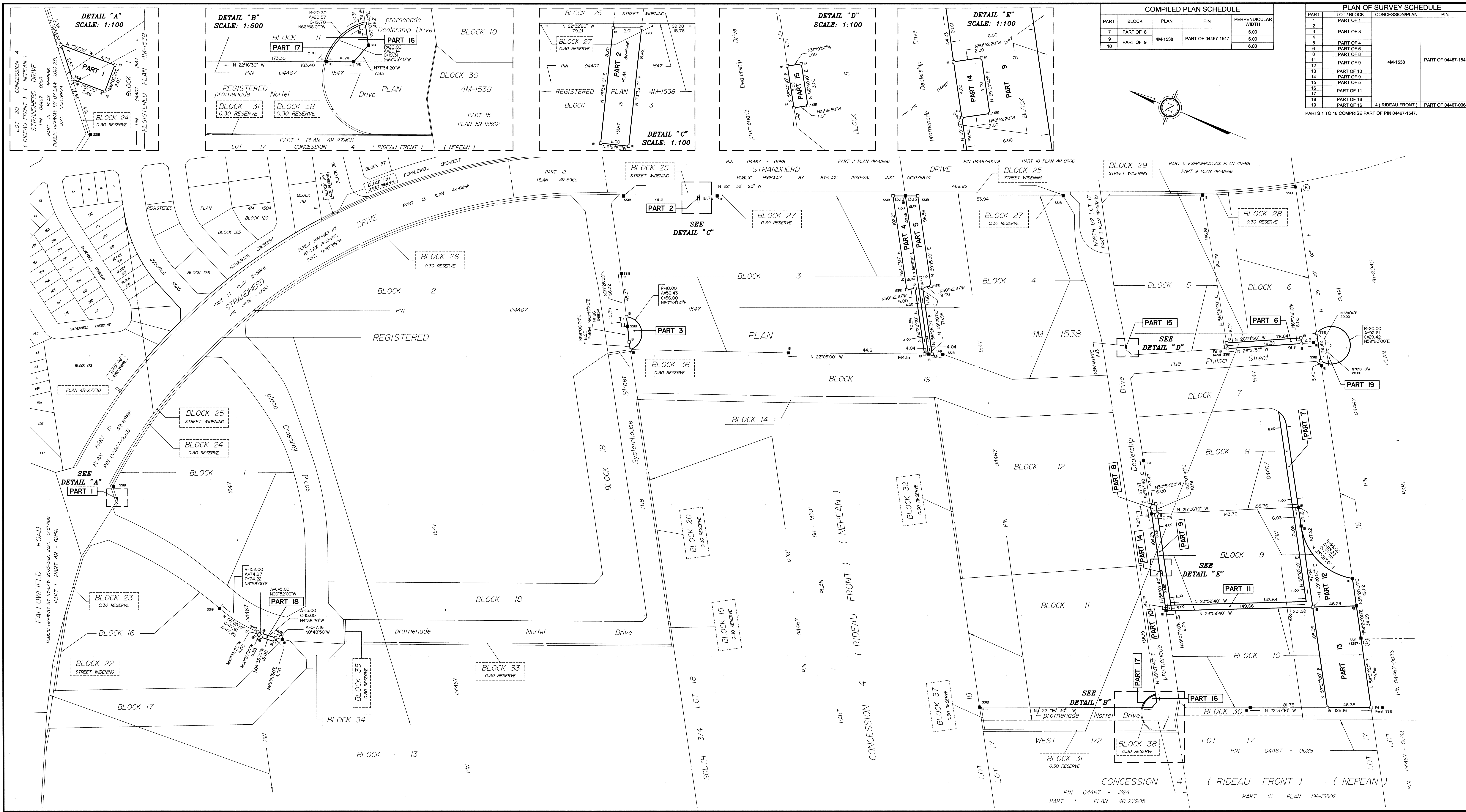
November 24, 2025



Photograph 3: View looking north at the Phase I Property, Ottawa, Ontario.



Photograph 4: View looking south at the Phase I Property, Ottawa, Ontario.



**COMPILED PLAN SCHEDULE**

PART	BLOCK	PLAN	PIN	PERPENDICULAR WIDTH
7	PART OF 8			6.00
9	PART OF 9	4M-1538	PART OF 04467-1547	6.00
10				6.00

**PLAN OF SURVEY SCHEDULE**

PART	LOT / BLOCK	CONCESSION/PLAN	PIN
1	PART OF 1		
2	PART OF 3		
3	PART OF 4		
4	PART OF 5		
5	PART OF 6		
6	PART OF 7		
7	PART OF 8		
8	PART OF 9		
9	PART OF 10		
10	PART OF 11		
11	PART OF 12		
12	PART OF 13		
13	PART OF 14		
14	PART OF 15		
15	PART OF 16		
16	PART OF 17		
17	PART OF 18		
18	PART OF 19		
19	PART OF 20	4 (RIDEAU FRONT)	PART OF 04467-0064

PARTS 1 TO 16 COMPRISE PART OF PIN 04467-1547.

I REQUIRE THIS PLAN TO BE DEPOSITED UNDER THE LAND TITLES ACT.  
 DATE: *May 14, 2015*

*Edward M. Lancaster*  
 Edward M. Lancaster  
 ONTARIO LAND SURVEYOR

**PLAN 4R-28737**  
 RECEIVED AND DEPOSITED  
 DATE: *May 14, 2015*

**'Flament'**  
 REPRESENTATIVE FOR THE  
 LAND TITLES DIVISION OF  
 OTTAWA-CARLETON NO. 4.

**PLAN OF SURVEY OF  
 PART OF LOT 16  
 CONCESSION 4 ( RIDEAU FRONT )  
 Geographic Township of Nepean  
 And  
 PART OF BLOCKS 1, 3, 4, 5, 6, 8,  
 9, 10, 11 And 16  
 REGISTERED PLAN 4M-1538  
 CITY OF OTTAWA**  
 Surveyed by Annis, O'Sullivan, Vollebek Ltd.

Scale 1:1500  
 0 5 10 15 20 30 40 50 60 Metres

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

**Surveyor's Certificate**  
 I CERTIFY THAT:  
 1. This survey and plan are correct and in accordance with the  
 Survey Act, the Surveyors Act and the Land Titles Act and the  
 regulations made under them.  
 2. The survey was completed on the 10th day of February, 2015.

*May 14, 2015* *Edward M. Lancaster*  
 Date Edward M. Lancaster  
 Ontario Land Surveyor

**Notes & Legend**

—□—	Denotes	Survey Monument Planted
—●—		Survey Monument Found
—SIB		Standard Iron Bar
—SSIB		Short Standard Iron Bar
—IB		Iron Bar
—(WIT)		Witness
—(AOG)		Annis, O'Sullivan, Vollebek Ltd.
—Meas.		Measured
—(P1)		Plan 4M-1538

Distances shown on this plan are ground distances and can be converted to  
 grid distances by multiplying by the combined scale factor of 0.99992.

Bearings are grid bearings, derived from the southerly limit of plan 4M-1538  
 shown, to be N 59° 20' 00" E thereon.

Coordinates are derived from Can-Net 3.0 Real Time Network GPS observations on  
 monument A and B, shown hereon, and are referred to the Central Meridian of MTM  
 Zone 9 ( 76°30' West Longitude ) NAD-83 (original).

Coordinate values are to urban accuracy in accordance with O. Reg. 216/10.

Point A Northing 5013643.93 Easting 361142.33  
 Point B Northing 5013881.88 Easting 361560.49

All found monuments are per (AOG) unless shown otherwise.

Caution: Coordinates cannot, in themselves, be used to  
 re-establish corners or boundaries shown on this plan.

**PARTIALLY COMPILED EASEMENT PLAN SHOWING  
 PART OF BLOCKS 8 And 9  
 REGISTERED PLAN 4M-1538  
 CITY OF OTTAWA**  
 Prepared by Annis, O'Sullivan, Vollebek Ltd.

**Surveyor's Certificate**  
 I certify:  
 That this plan is an accurate compilation based on data derived from  
 Registered Plan 4M-1538.

*May 14, 2015* *Edward M. Lancaster*  
 Date Edward M. Lancaster  
 Ontario Land Surveyor

**Notes**

- All parts lie wholly within the limits of Lots and Blocks.
- All previously undefined limits are parallel to existing Lot or Block limits as noted on  
 Registered Plan 4M-1538 and intersect at common points.
- All parts have perpendicular widths as noted hereon and are drawn to scale.

# **APPENDIX 2**

**MECP FREEDOM OF INFORMATION**

**TSSA CORRESPONDENCE**

**CITY OF OTTAWA HLUI**

**CITY OF OTTAWA HLUI CORRESPONDANCE**

**ERIS DATBASE REPORT**

Ministry of the Environment,  
Conservation and Parks

Corporate Services Branch  
40 St. Clair Avenue West  
Toronto ON M4V 1M2

Ministère de l'Environnement, de la  
Protection de la nature et des Parcs

Direction des services généraux  
40, avenue St. Clair Ouest  
Toronto ON M4V 1M2



December 12, 2025

Mr. Kuldeep Panchal  
Paterson Group  
9 Auriga Drive  
Ottawa, Ontario  
kpanchal@patersongroup.ca

Dear Kuldeep Panchal:

**RE: MECP FOI A-2025-07749, Your Reference PE4104 – Decision Letter**

This letter is in response to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to:

540 Dealership Drive, Ottawa

Timeframe: January 1, 1900 to November 11, 2025

After a thorough search through the ministry files, no records were located responsive to your request. The official responsible for making the access decision on your request is the undersigned. This file is now closed.

You may request a review of my decision within 30 days from the date of this letter by contacting the Information and Privacy Commissioner/Ontario at <http://www.ipc.on.ca>. Please note there may be a fee associated with submitting the appeal.

If you have any questions, please contact Alex Balduckie at [alex.balduckie@ontario.ca](mailto:alex.balduckie@ontario.ca).

Yours truly,

Alex Balduckie

for  
Josephine DeSouza  
Manager, Access and Privacy Office

---

**RE: Records Search Request - PE4104**

---

From Public Information Services <publicinformationsservices@tssa.org>

Date Tue 11/25/2025 3:16 PM

To Christopher Green <CGreen@patersongroup.ca>

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

Hello ,

**NO RECORDS FOUND IN CURRENT DATABASE:**

- We confirm that there are NO **fuels records** in our database at the subject address(es).

This is not a confirmation that there are no records in the archives. For a further search in our archives, please go to the [TSSA Client Portal](#) to complete an Application for Release of Public Information.

Please refer to [Training\\_\(tssa.org\)](#) for instructions on how to use the portal. Please refer to [How to Submit a Public Information Request \(tssa.org\)](#) for instructions.

The associated fee must be paid via credit card (Visa or MasterCard).

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

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

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

Kind regards,

**Slavka Zahrebelny | Public Information & Records Agent**

Public Information

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1 416-734-3585 | Fax: +1 416-734-6242 | E-Mail: [szahrebelny@tssa.org](mailto:szahrebelny@tssa.org)

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





**Winner of 2025 5-Star Safety Cultures Award**

**From:** Christopher Green  
<CGreen@patersongroup.ca>

**Sent:** November 25, 2025

2:25 PM

**To:** Public Information Services <publicinformationservices@tssa.org>

**Subject:** Records Search Request - PE4104

**[CAUTION]:** THIS EMAIL ORIGINATED OUTSIDE THE ORGANISATION.

PLEASE DO NOT CLICK LINKS OR OPEN ATTACHMENTS UNLESS YOU RECOGNISE THE SOURCE OF THIS EMAIL AND KNOW THE CONTENT IS SAFE.

Hello,

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

Dealership Drive: 530, 535, 540, 550, 555, 560, 575

Strandherd Drive: 4115, 4123, 4149

Best Regards,



**CHRISTOPHER GREEN,**  
Junior Environmental Scientist – Environmental Division

TEL: (613) 226-7381  
DIRECT: (613) 794-6774

9 AURIGA DRIVE  
OTTAWA ON K2E 7T9

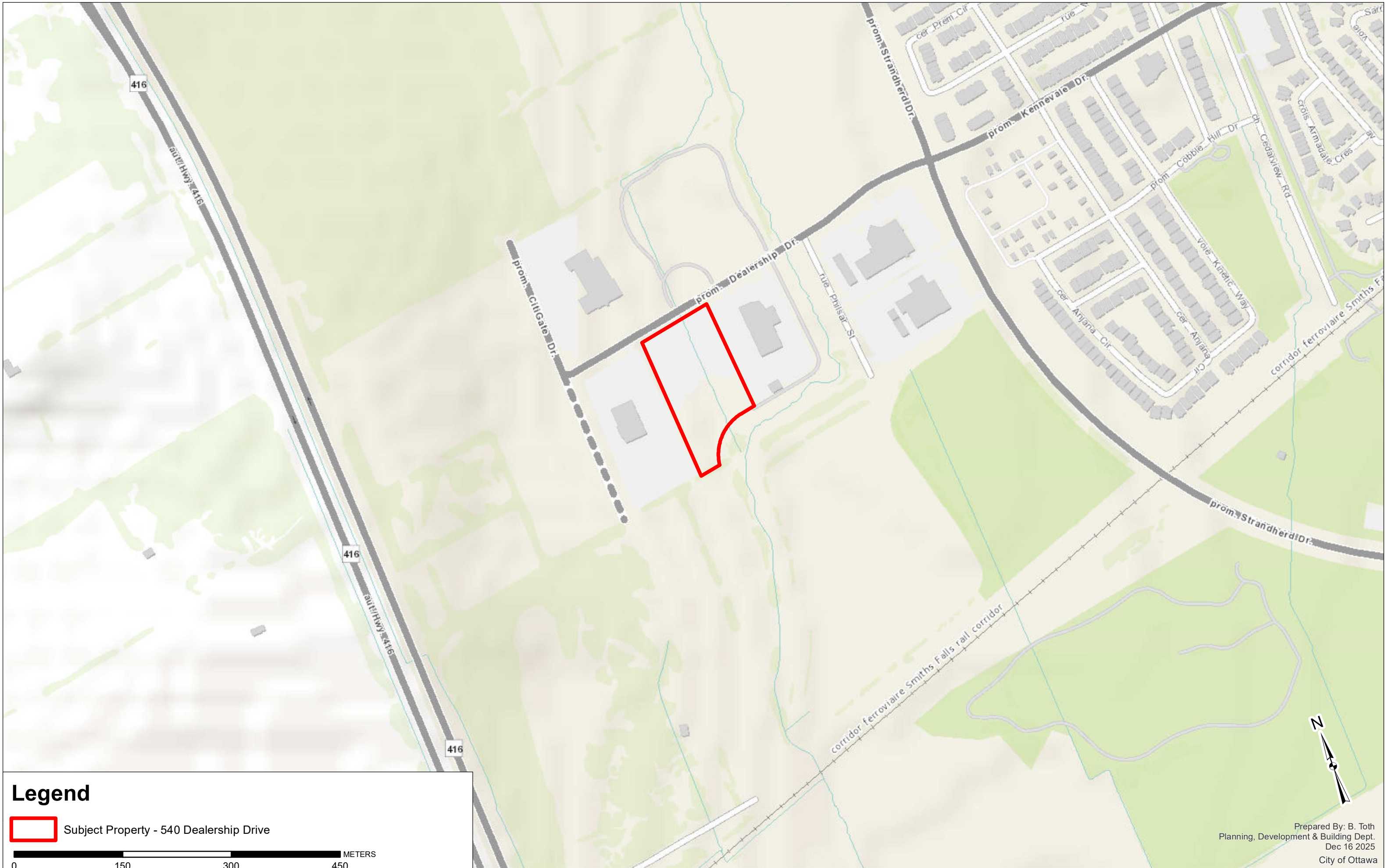
[patersongroup.ca](http://patersongroup.ca)

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

NEW OFFICE OPEN IN THE GREATER TORONTO AREA WITH OUR EXPANSIVE LIST OF SERVICES NOW AVAILABLE!

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

# NO HLUI FEATURES IDENTIFIED WITHIN 250m SEARCH RADIUS



## Legend

 Subject Property - 540 Dealership Drive

0 150 300 450 METERS



File Number: D06-03-25-0139

December 16, 2025

Chris Green  
Paterson Group Inc.

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

Dear Chris Green,

**Re: Information Request**  
540 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:

- **Environmental Remediation Unit:** The City’s Environmental Remediation Unit (ERU) does not have any environmental records for this property.
- **Sewer Use Program:** No information found pertaining to the subject property.
- **Solid Waste Services:** No information found pertaining to the subject property.
- **Ottawa Public Health - Environmental Health:** all public inspection results are publicly available on the Ottawa Public Health website:  
<https://www.ottawapublichealth.ca/en/public-health-services/public-health-inspections.aspx>

**Documents Provided:**

**HLUI Map**

No HLUI features found pertaining to the subject property, as indicated in the HLUI Map.

**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

### **Ottawa Public Health**

Ottawa Public Health inspects many different types of establishments. To view inspection results, please visit the Ottawa Public Health website: [Public Health Inspections - Ottawa Public Health](#)

Please note that Ottawa Public Health is not the lead agency on land use contamination in the City of Ottawa – contact the Ministry of Environment Conservation and Parks (MECP) for further information.

**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,

**Bator Toth**

Student Planner | Étudiant en Urbanism  
Development Review | Examen des projets d'aménagement  
City of Ottawa | Ville d'Ottawa

Enclosures: (1)

1. HLUI Map

cc: File no. D06-03-25-0139

---

**RE: Payment Reminder - HLUI No, D06-03-25-0139**

---

**From** hlui <hlui@ottawa.ca>  
**Date** Wed 12/17/2025 10:46 AM  
**To** Christopher Green <CGreen@patersongroup.ca>  
**Cc** hlui <hlui@ottawa.ca>

 2 attachments (4 MB)

Reference Map - 540 Dealership Drive.pdf; HLUI Response Letter - D06-03-25-0139.pdf;

You don't often get email from hlui@ottawa.ca. [Learn why this is important](#)

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

Hi Christopher,

Thank you for looking into this and getting back to me. I've asked around and it seems we made an error on our end with recording your payment, I apologize for that!

With that said, I've included the HLUI response letter and reference map to this email for 540 Dealership Drive. There were no HLUI features identified within our search radius, which is why I am not including a summary report. Please let me know if you have any questions.

Best regards,

**Bator Toth**

Planning Student

**Planning, Development and Building Services**

*Services de la planification, de l'aménagement et du bâtiment*

110 Laurier Avenue West I 110, avenue. Laurier ouest

Ottawa (Ontario) K1P 1J

Classified as City of Ottawa - Internal / Ville d'Ottawa - classé interne

---

**From:** Christopher Green <CGreen@patersongroup.ca>  
**Sent:** Tuesday, December 16, 2025 4:23 PM  
**To:** Toth, Bator <bator.toth@ottawa.ca>  
**Subject:** Re: Payment Reminder - HLUI No, D06-03-25-0139

**CAUTION: This email originated from an External Sender. Please do not click links or open attachments unless you recognize the source.**



---

# DATABASE REPORT

**Project Property:** *PE4104 - Phase I ESA  
540 Dealership Drive  
Ottawa ON K2J 6H8  
64445*

**Project No:** *64445*

**Report Type:** *Standard Report*

**Order No:** *25111200165*

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

**Date Completed:** *November 12, 2025*

# Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	7
Executive Summary: Site Report Summary - Surrounding Properties.....	8
Executive Summary: Summary By Data Source.....	10
Map.....	13
Aerial.....	14
Topographic Map.....	15
Detail Report.....	16
Unplottable Summary.....	39
Unplottable Report.....	40
Appendix: Database Descriptions.....	59
Definitions.....	69

## **Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY**

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

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# Executive Summary

## Property Information:

**Project Property:** PE4104 - Phase I ESA  
540 Dealership Drive Ottawa ON K2J 6H8

**Project No:** 64445

## **Coordinates:**

**Latitude:** 45.2618361  
**Longitude:** -75.7817045  
**UTM Northing:** 5,012,334.93  
**UTM Easting:** 438,671.00  
**UTM Zone:** 18T

**Elevation:** 311 FT  
94.88 M

## Order Information:

**Order No:** 25111200165  
**Date Requested:** November 12, 2025  
**Requested by:** Paterson Group Inc.  
**Report Type:** Standard Report

## Historical/Products:

## Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking &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	4	4
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	1	1
EIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EOR	<i>Environmental Offenders Registry</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
ESNR	<i>Excess Soil Registry</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	7	7
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0

<b>Database</b>	<b>Name</b>	<b>Searched</b>	<b>Project Property</b>	<b>Within 0.25 km</b>	<b>Total</b>
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
HIST RISK	<i>Historical Business Activity Risk</i>	Y	0	0	0
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
NPR2	<i>National Pollutant Release Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory - Historic</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PFAS	<i>Ontario PFAS Spills</i>	Y	0	0	0
PFCH	<i>NPRI Reporters - PFAS Substances</i>	Y	0	0	0
PFHA	<i>Potential PFAS Handlers from NPRI</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	0	0
PPHA	<i>Potential PFAS Handlers from EASR</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	3	3
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

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	0	0
<hr/>					
		<b>Total:</b>	0	16	16

## 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>	EHS		PE51xx - Part of 4378 McKenna Casey Dr ottawa ON K2J 4S8	WSW/74.6	0.91	<a href="#">16</a>
<a href="#">2</a>	ECA	Zena Investment Corporation	550 Dealership Drive Ottawa ON K2J 6H8	WSW/114.5	2.00	<a href="#">16</a>
<a href="#">3</a>	EBR	9340831 Canada Inc.	530 Dealership Drive Ottawa K2J 6H8 CITY OF OTTAWA ON	ENE/136.2	1.00	<a href="#">16</a>
<a href="#">3</a>	ECA	9340831 Canada Inc.	530 Dealership Dr Ottawa ON K2B 6R1	ENE/136.2	1.00	<a href="#">17</a>
<a href="#">4</a>	ECA	2472099 Ontario Inc.	555 Dealership Drive Ottawa ON K2E 1A3	WNW/184.1	1.93	<a href="#">17</a>
<a href="#">5</a>	GEN	City of Ottawa	4061 Strandherd Dr. Ottawa ON K2J 6H8	SE/244.2	-1.00	<a href="#">17</a>
<a href="#">5</a>	GEN	City of Ottawa	4061 Strandherd Dr. Ottawa ON K2J 6H8	SE/244.2	-1.00	<a href="#">19</a>
<a href="#">5</a>	GEN	City of Ottawa	4061 Strandherd Dr. Ottawa ON K2J 6H8	SE/244.2	-1.00	<a href="#">21</a>
<a href="#">5</a>	GEN	City of Ottawa HSP Events	4061 Strandherd Dr. Ottawa ON	SE/244.2	-1.00	<a href="#">22</a>
<a href="#">6</a>	SPL	Tomlinson Environmental Services Ltd.	Dealership Dr and Philsar street Ottawa ON	NE/244.9	1.00	<a href="#">34</a>
<a href="#">7</a>	ECA	Zena Investment Corporation	4115 and 4123 Strandherd Dr Ottawa ON K2J 6H8	ENE/245.5	1.00	<a href="#">35</a>
<a href="#">7</a>	SPL		4123 Strandherd Drive Ottawa ON	ENE/245.5	1.00	<a href="#">36</a>

<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>
<u>8</u>	GEN	Zena Investment Corporation	4115 Strandherd Drive Barhaven ON K2J 3T3	ENE/246.3	1.00	<u>36</u>
<u>8</u>	GEN	Zena Investment Corporation	4115 Strandherd Drive Barhaven ON K2J 3T3	ENE/246.3	1.00	<u>37</u>
<u>8</u>	GEN	Zena Investment Corporation	4115 Strandherd Drive Barhaven ON K2J 3T3	ENE/246.3	1.00	<u>37</u>
<u>8</u>	SPL		4115 Strandherd Dr, Nepean, Ottawa, ON K2J 3T3 ON	ENE/246.3	1.00	<u>37</u>

# Executive Summary: Summary By Data Source

## **EBR - Environmental Registry**

A search of the EBR database, dated 1994 - Sep 30, 2025 has found that there are 1 EBR site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</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	ENE	136.17	<a href="#"><u>3</u></a>

## **ECA - Environmental Compliance Approval**

A search of the ECA database, dated Oct 2011 - Sept 31, 2025 has found that there are 4 ECA site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Zena Investment Corporation	550 Dealership Drive Ottawa ON K2J 6H8	WSW	114.46	<a href="#"><u>2</u></a>
9340831 Canada Inc.	530 Dealership Dr Ottawa ON K2B 6R1	ENE	136.17	<a href="#"><u>3</u></a>
2472099 Ontario Inc.	555 Dealership Drive Ottawa ON K2E 1A3	WNW	184.08	<a href="#"><u>4</u></a>
Zena Investment Corporation	4115 and 4123 Strandherd Dr Ottawa ON K2J 6H8	ENE	245.54	<a href="#"><u>7</u></a>

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Apr 30, 2025 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	PE51xx - Part of 4378 McKenna Casey Dr ottawa ON K2J 4S8	WSW	74.55	<a href="#"><u>1</u></a>

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

A search of the GEN database, dated 1986-Mar 31, 2025 has found that there are 7 GEN site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Zena Investment Corporation	4115 Strandherd Drive Barhaven ON K2J 3T3	ENE	246.31	<a href="#"><u>8</u></a>
Zena Investment Corporation	4115 Strandherd Drive Barhaven ON K2J 3T3	ENE	246.31	<a href="#"><u>8</u></a>
Zena Investment Corporation	4115 Strandherd Drive Barhaven ON K2J 3T3	ENE	246.31	<a href="#"><u>8</u></a>

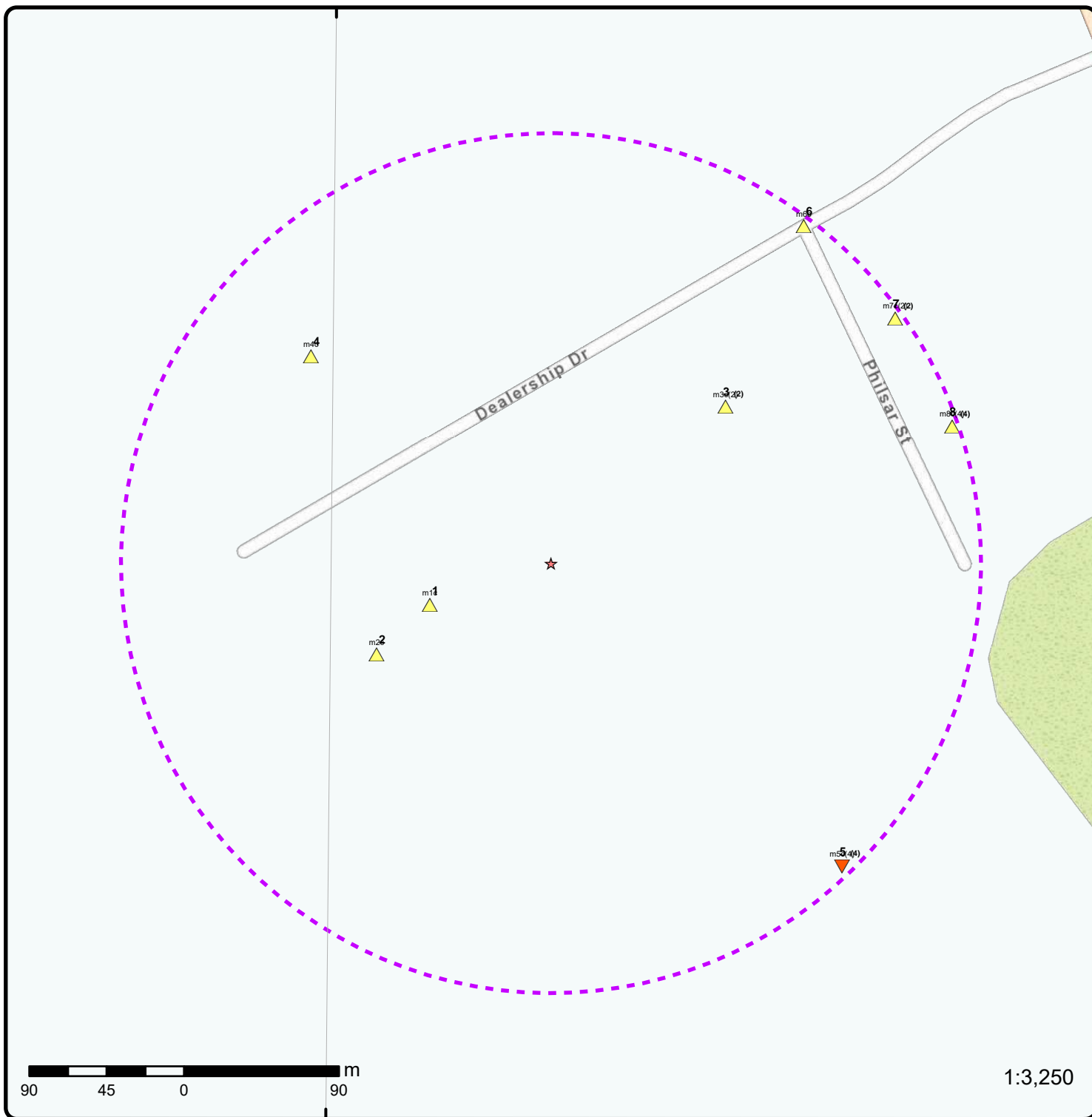
<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
City of Ottawa HSP Events	4061 Strandherd Dr. Ottawa ON	SE	244.24	<a href="#"><u>5</u></a>
City of Ottawa	4061 Strandherd Dr. Ottawa ON K2J 6H8	SE	244.24	<a href="#"><u>5</u></a>
City of Ottawa	4061 Strandherd Dr. Ottawa ON K2J 6H8	SE	244.24	<a href="#"><u>5</u></a>
City of Ottawa	4061 Strandherd Dr. Ottawa ON K2J 6H8	SE	244.24	<a href="#"><u>5</u></a>

## **SPL - Ontario Spills**

A search of the SPL database, dated 1988-Jun 2024; Aug 2024; Oct-May 2025 has found that there are 3 SPL site(s) within approximately 0.25 kilometers of the project property.

<b><u>Equal/Higher Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Tomlinson Environmental Services Ltd.	Dealership Dr and Philsar street Ottawa ON	NE	244.88	<a href="#"><u>6</u></a>
	4123 Strandherd Drive Ottawa ON	ENE	245.54	<a href="#"><u>7</u></a>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	4115 Strandherd Dr, Nepean, Ottawa, ON K2J 3T3 ON	ENE	246.31	<a href="#">8</a>



### Map: 0.25 Kilometer Radius

Order Number: 25111200165

Address: 540 Dealership Drive, Ottawa, ON



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

75°47'30"W

75°47'W

75°46'30"W

45°16'N

45°16'N

45°15'30"N

45°15'30"N



1:10,000

Vantor

**Aerial** Year: 2025

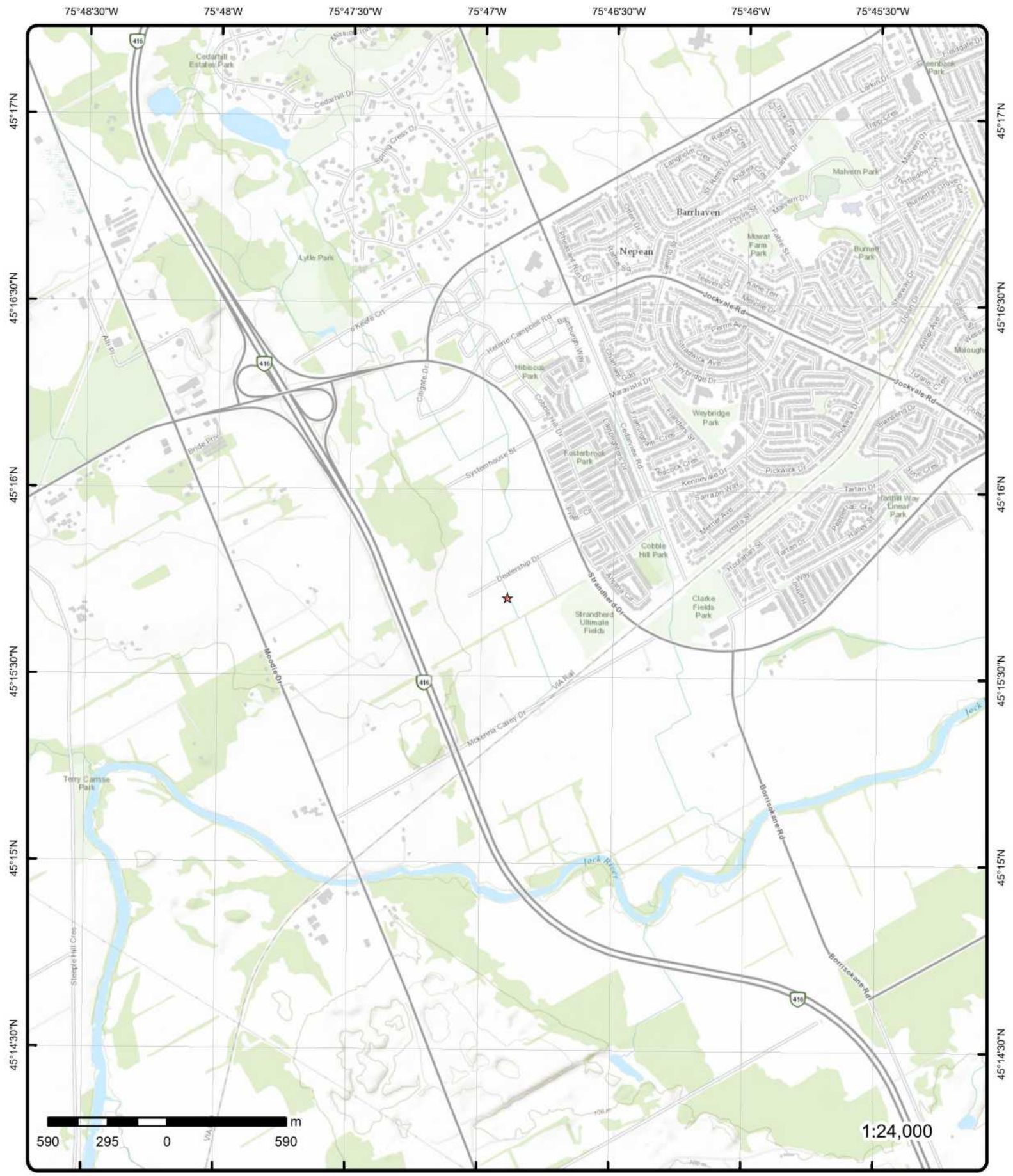
Order Number: 25111200165

**Address: 540 Dealership Drive, Ottawa, ON**



Source: ESRI World Imagery

© ERIS Information Limited Partnership



# Topographic Map

Address: 540 Dealership Drive, ON

Source: ESRI World Topographic Map

Order Number: 25111200165



© ERIS Information Limited Partnership

# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<p><u>1</u></p> <p><b>Order No:</b> 21012200026  <b>Status:</b> C  <b>Report Type:</b> Standard Report  <b>Report Date:</b> 27-JAN-21  <b>Date Received:</b> 22-JAN-21  <b>Previous Site Name:</b>  <b>Lot/Building Size:</b>  <b>Additional Info Ordered:</b></p>	1 of 1	WSW/74.6	95.8 / 0.91	<p>PE51xx - Part of 4378 McKenna Casey Dr ottawa ON K2J 4S8</p> <p><b>Nearest Intersection:</b>  <b>Municipality:</b>  <b>Client Prov/State:</b> ON  <b>Search Radius (km):</b> .25  <b>X:</b> -75.7825992  <b>Y:</b> 45.2616101</p>	EHS
<p><u>2</u></p> <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>Business Name:</b> Zena Investment Corporation  <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>  <b>PDF Site Location:</b></p>	1 of 1	WSW/114.5	96.9 / 2.00	<p>Zena Investment Corporation 550 Dealership Drive Ottawa ON K2J 6H8</p> <p><b>MOE District:</b>  <b>City:</b>  <b>Longitude:</b>  <b>Latitude:</b>  <b>Geometry X:</b>  <b>Geometry Y:</b></p>	ECA
<p><u>3</u></p> <p><b>EBR Registry No:</b> 012-8429  <b>Ministry Ref No:</b> 8202-ABVKF3  <b>Notice Type:</b> Instrument Decision  <b>Notice Stage:</b>  <b>Notice Date:</b> October 19, 2016  <b>Proposal Date:</b> August 19, 2016  <b>Year:</b> 2016  <b>Instrument Type:</b> (EPA Part II.1-sewage) - Environmental Compliance Approval (project type: sewage)  <b>Off Instrument Name:</b>  <b>Posted By:</b>  <b>Company Name:</b> 9340831 Canada Inc.  <b>Site Address:</b>  <b>Location Other:</b>  <b>Proponent Name:</b>  <b>Proponent Address:</b> 955 Richmond Road, Ottawa Ontario, Canada K2B 6R1  <b>Comment Period:</b>  <b>URL:</b>  <b>Summary:</b></p>	1 of 2	ENE/136.2	95.9 / 1.00	<p>9340831 Canada Inc. 530 Dealership Drive Ottawa K2J 6H8 CITY OF OTTAWA ON</p> <p><b>Decision Posted:</b>  <b>Exception Posted:</b>  <b>Section:</b>  <b>Act 1:</b>  <b>Act 2:</b>  <b>Site Location Map:</b></p>	EBR

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

530 Dealership Drive Ottawa K2J 6H8 CITY OF OTTAWA

<a href="#">3</a>	2 of 2	ENE/136.2	95.9 / 1.00	9340831 Canada Inc. 530 Dealership Dr Ottawa ON K2B 6R1	ECA
<b>Approval No:</b> 5252-ADRSKF <b>Approval Date:</b> 2016-10-13 <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>Business Name:</b> 9340831 Canada Inc. <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>PDF Site Location:</b>		<b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>			

<a href="#">4</a>	1 of 1	WNW/184.1	96.8 / 1.93	2472099 Ontario Inc. 555 Dealership Drive Ottawa ON K2E 1A3	ECA
<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>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>		<b>MOE District:</b> <b>City:</b> <b>Longitude:</b> <b>Latitude:</b> <b>Geometry X:</b> <b>Geometry Y:</b>			

<a href="#">5</a>	1 of 4	SE/244.2	93.9 / -1.00	City of Ottawa 4061 Strandherd Dr. Ottawa ON K2J 6H8	GEN
<b>Generator Info</b> <b>Generator No:</b> ON6305617 <b>Approval Years:</b> As of Dec 2018 <b>Status:</b> Registered <b>PO Box No:</b> <b>Country:</b> Canada <b>Co Admin:</b> <b>Phone No Admin:</b> <b>SIC Description:</b>		<b>Choice of Contact:</b> <b>Contaminated Fac:</b> <b>MHSW Facility:</b> <b>SIC Code:</b>			

**Waste Detail(s)**

<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>Waste Class:</b>			112 C		
<b>Waste Class Name:</b>			Acid solutions - containing heavy metals		
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>			121 C		
<b>Waste Class Name:</b>			Alkaline slutions - containing heavy metals		
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>			148 I		
<b>Waste Class Name:</b>			Misc. wastes and inorganic chemicals		
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>			147 I		
<b>Waste Class Name:</b>			Chemical fertilizer wastes		
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>			148 C		
<b>Waste Class Name:</b>			Misc. wastes and inorganic chemicals		
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>			212 L		
<b>Waste Class Name:</b>			Aliphatic solvents and residues		
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>			221 I		
<b>Waste Class Name:</b>			Light fuels		
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>			242 A		
<b>Waste Class Name:</b>			Halogenated pesticides and herbicides		
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>			252 L		
<b>Waste Class Name:</b>			Waste crankcase oils and lubricants		
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>			261 A		
<b>Waste Class Name:</b>			Pharmaceuticals		
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>			263 I		
<b>Waste Class Name:</b>			Misc. waste organic chemicals		
<b><u>Waste Detail(s)</u></b>					

<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>
<hr/>					
<b>Waste Class:</b>		312 P			
<b>Waste Class Name:</b>		Pathological wastes			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>		331 I			
<b>Waste Class Name:</b>		Waste compressed gases including cylinders			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>		331 R			
<b>Waste Class Name:</b>		Waste compressed gases including cylinders			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>		145 I			
<b>Waste Class Name:</b>		Wastes from the use of pigments, coatings and paints			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>		146 T			
<b>Waste Class Name:</b>		Other specified inorganic sludges, slurries or solids			
<hr/>					
<b>5</b>	<b>2 of 4</b>	<b>SE/244.2</b>	<b>93.9 / -1.00</b>	<b>City of Ottawa 4061 Strandherd Dr. Ottawa ON K2J 6H8</b>	<b>GEN</b>
<b><u>Generator Info</u></b>					
<b>Generator No:</b>	ON6305617			<b>Choice of Contact:</b>	
<b>Approval Years:</b>	As of Jul 2020			<b>Contaminated Fac:</b>	
<b>Status:</b>	Registered			<b>MHSW Facility:</b>	
<b>PO Box No:</b>				<b>SIC Code:</b>	
<b>Country:</b>	Canada				
<b>Co Admin:</b>					
<b>Phone No Admin:</b>					
<b>SIC Description:</b>					
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>		242 A			
<b>Waste Class Name:</b>		Halogenated pesticides and herbicides			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>		148 I			
<b>Waste Class Name:</b>		Misc. wastes and inorganic chemicals			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>		148 C			
<b>Waste Class Name:</b>		Misc. wastes and inorganic chemicals			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>		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 Name:</b>		Wastes from the use of pigments, coatings and paints			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>		331 I			
<b>Waste Class Name:</b>		Waste compressed gases including cylinders			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>		212 L			
<b>Waste Class Name:</b>		Aliphatic solvents and residues			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>		331 R			
<b>Waste Class Name:</b>		Waste compressed gases including cylinders			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>		146 T			
<b>Waste Class Name:</b>		Other specified inorganic sludges, slurries or solids			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>		121 C			
<b>Waste Class Name:</b>		Alkaline slutions - containing heavy metals			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>		221 I			
<b>Waste Class Name:</b>		Light fuels			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>		147 I			
<b>Waste Class Name:</b>		Chemical fertilizer wastes			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>		263 I			
<b>Waste Class Name:</b>		Misc. waste organic chemicals			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>		252 L			
<b>Waste Class Name:</b>		Waste crankcase oils and lubricants			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>		112 C			
<b>Waste Class Name:</b>		Acid solutions - containing heavy metals			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>		312 P			
<b>Waste Class Name:</b>		Pathological wastes			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>		261 A			
<b>Waste Class Name:</b>		Pharmaceuticals			
<b>5</b>	3 of 4	<b>SE/244.2</b>	<b>93.9 / -1.00</b>	<b>City of Ottawa 4061 Strandherd Dr. Ottawa ON K2J 6H8</b>	<b>GEN</b>

**Generator Info**

<b>Generator No:</b>	ON6305617	<b>Choice of Contact:</b>
<b>Approval Years:</b>	As of Nov 2021	<b>Contaminated Fac:</b>
<b>Status:</b>	Registered	<b>MHSW Facility:</b>
<b>PO Box No:</b>		<b>SIC Code:</b>
<b>Country:</b>	Canada	
<b>Co Admin:</b>		
<b>Phone No Admin:</b>		
<b>SIC Description:</b>		

**Waste Detail(s)**

**Waste Class:** 148 I  
**Waste Class Name:** Misc. wastes and inorganic chemicals

**Waste Detail(s)**

**Waste Class:** 331 R  
**Waste Class Name:** Waste compressed gases including cylinders

**Waste Detail(s)**

**Waste Class:** 121 C  
**Waste Class Name:** Alkaline slutions - containing heavy metals

**Waste Detail(s)**

**Waste Class:** 312 P  
**Waste Class Name:** Pathological wastes

**Waste Detail(s)**

**Waste Class:** 242 A  
**Waste Class Name:** Halogenated pesticides and herbicides

**Waste Detail(s)**

**Waste Class:** 261 A  
**Waste Class Name:** Pharmaceuticals

**Waste Detail(s)**

**Waste Class:** 147 I  
**Waste Class Name:** Chemical fertilizer wastes

<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>
<u>Waste Detail(s)</u>					
<b>Waste Class:</b>		212 L			
<b>Waste Class Name:</b>		Aliphatic solvents and residues			
<u>Waste Detail(s)</u>					
<b>Waste Class:</b>		112 C			
<b>Waste Class Name:</b>		Acid solutions - containing heavy metals			
<u>Waste Detail(s)</u>					
<b>Waste Class:</b>		146 T			
<b>Waste Class Name:</b>		Other specified inorganic sludges, slurries or solids			
<u>Waste Detail(s)</u>					
<b>Waste Class:</b>		263 I			
<b>Waste Class Name:</b>		Misc. waste organic chemicals			
<u>Waste Detail(s)</u>					
<b>Waste Class:</b>		148 C			
<b>Waste Class Name:</b>		Misc. wastes and inorganic chemicals			
<u>Waste Detail(s)</u>					
<b>Waste Class:</b>		145 I			
<b>Waste Class Name:</b>		Wastes from the use of pigments, coatings and paints			
<u>Waste Detail(s)</u>					
<b>Waste Class:</b>		221 I			
<b>Waste Class Name:</b>		Light fuels			
<u>Waste Detail(s)</u>					
<b>Waste Class:</b>		331 I			
<b>Waste Class Name:</b>		Waste compressed gases including cylinders			
<u>Waste Detail(s)</u>					
<b>Waste Class:</b>		252 L			
<b>Waste Class Name:</b>		Waste crankcase oils and lubricants			

5

4 of 4

SE/244.2

93.9 / -1.00

City of Ottawa HSP Events  
4061 Strandherd Dr.  
Ottawa ON

GEN

Generator Info

**Generator No:** ON6305617  
**Approval Years:** As of Oct 2022  
**Status:** Registered  
**PO Box No:**  
**Country:** Canada

**Choice of Contact:**  
**Contaminated Fac:**  
**MHSW Facility:**  
**SIC Code:**

<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>Co Admin:</b>					
<b>Phone No Admin:</b>					
<b>SIC Description:</b>					
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>			312 P		
<b>Waste Class Name:</b>			PATHOLOGICAL WASTES		
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>			148 C		
<b>Waste Class Name:</b>			INORGANIC LABORATORY CHEMICALS		
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>			212 L		
<b>Waste Class Name:</b>			ALIPHATIC SOLVENTS		
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>			121 C		
<b>Waste Class Name:</b>			ALKALINE WASTES - HEAVY METALS		
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>			145 I		
<b>Waste Class Name:</b>			PAINT/PIGMENT/COATING RESIDUES		
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>			252 L		
<b>Waste Class Name:</b>			WASTE OILS & LUBRICANTS		
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>			331 I		
<b>Waste Class Name:</b>			WASTE COMPRESSED GASES		
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>			263 I		
<b>Waste Class Name:</b>			ORGANIC LABORATORY CHEMICALS		
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>			112 C		
<b>Waste Class Name:</b>			ACID WASTE - HEAVY METALS		
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b>			147 I		
<b>Waste Class Name:</b>			CHEMICAL FERTILIZER WASTES		
<b><u>Waste Detail(s)</u></b>					

<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 Name:</b>		221 I LIGHT FUELS			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Name:</b>		148 I INORGANIC LABORATORY CHEMICALS			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Name:</b>		331 R WASTE COMPRESSED GASES			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Name:</b>		261 A PHARMACEUTICALS			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Name:</b>		146 T OTHER SPECIFIED INORGANICS			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b> <b>Waste Class Name:</b>		242 A HALOGENATED PESTICIDES			
<b><u>Generator Info (as of Dec 2024)</u></b>					
<b>Generator No:</b>		ON6305617			
<b>Generator Company Name:</b>		City of Ottawa HSP Events			
<b>Street:</b>		4061 Strandherd Dr.			
<b>City:</b>		Ottawa			
<b>Province State:</b>		Ontario			
<b>Country:</b>		Canada			
<b>Postal Code:</b>		K2J6H8			
<b>Waste Class:</b>		145 I,112 C,146 T,147 I,148 C,148 I,212 L,221 I,252 L,242 A,261 A,263 I,331 I,331 R,312 P,121 C			
<b>Waste Class Decoded:</b>					
145 - PAINT/PIGMENT/COATING RESIDUES; 112 - ACID WASTE - HEAVY METALS; 146 - OTHER SPECIFIED INORGANICS; 147 - CHEMICAL FERTILIZER WASTES; 148 - INORGANIC LABORATORY CHEMICALS; 148 - INORGANIC LABORATORY CHEMICALS; 212 - ALIPHATIC SOLVENTS; 221 - LIGHT FUELS; 252 - WASTE OILS & LUBRICANTS; 242 - HALOGENATED PESTICIDES; 261 - PHARMACEUTICALS; 263 - ORGANIC LABORATORY CHEMICALS; 331 - WASTE COMPRESSED GASES; 331 - WASTE COMPRESSED GASES; 312 - PATHOLOGICAL WASTES; 121 - ALKALINE WASTES - HEAVY METALS					
<b><u>Generator Info (as of Apr 2025)</u></b>					
<b>Generator Company Name:</b>		City of Ottawa HSP Events			
<b>Generator Site Address:</b>		4061 Strandherd Dr.			
<b>City:</b>		Ottawa			
<b>Province State:</b>		Ontario			
<b>Country:</b>		Canada			
<b>Postal Code:</b>		K2J6H8			
<b>Waste Class:</b>		145 I, 112 C, 146 T, 147 I, 148 C, 148 I, 212 L, 221 I, 252 L, 242 A, 261 A, 263 I, 331 I, 331 R, 312 P, 121 C			
<b>Waste Class Decoded:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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145 - PAINT/PIGMENT/COATING RESIDUES; 112 - ACID WASTE - HEAVY METALS; 146 - OTHER SPECIFIED INORGANICS; 147 - CHEMICAL FERTILIZER WASTES; 148 - INORGANIC LABORATORY CHEMICALS; 148 - INORGANIC LABORATORY CHEMICALS; 212 - ALIPHATIC SOLVENTS; 221 - LIGHT FUELS; 252 - WASTE OILS & LUBRICANTS; 242 - HALOGENATED PESTICIDES; 261 - PHARMACEUTICALS; 263 - ORGANIC LABORATORY CHEMICALS; 331 - WASTE COMPRESSED GASES; 331 - WASTE COMPRESSED GASES; 312 - PATHOLOGICAL WASTES; 121 - ALKALINE WASTES - HEAVY METALS

**Waste Characteristic Decoded:**

I - Ignitable; C - Corrosive; T - Leachate Toxic; I - Ignitable; C - Corrosive; I - Ignitable; L - Liquid Industrial Waste; I - Ignitable; L - Liquid Industrial Waste; A - Acutely Hazardous Waste Chem.; A - Acutely Hazardous Waste Chem.; I - Ignitable; I - Ignitable; R - Reactive; P - Pathological; C - Corrosive

**2017 Generator Info**

<b>Gen No:</b>	ON6305617	<b>Choice of Contact:</b>	CO_ADMIN
<b>ID:</b>	24818	<b>Phone No Official:</b>	613-580-2424 Ext.21528
<b>Contaminated Fac:</b>	N	<b>Phone No Admin:</b>	613-580-2424 Ext.25102
<b>MHSW Facility:</b>	Y	<b>County Ont:</b>	OTTAWA CARLTON (RM)
<b>NAICS Code1:</b>	913150	<b>County Out:</b>	
<b>NAICS Code2:</b>		<b>District:</b>	402
<b>NAICS Code3:</b>			
<b>Gen Name:</b>	City of Ottawa		
<b>Gen Div:</b>			
<b>Gen Op Name:</b>	City of Ottawa		
<b>Gen Op Div:</b>			
<b>Site Adrs1:</b>	4061 Strandherd Dr.		
<b>Site Bldg:</b>			
<b>Site Pobox:</b>			
<b>Province In:</b>	ONTARIO		
<b>Site Adrs2:</b>			
<b>Site City:</b>	Ottawa		
<b>Province Out:</b>			
<b>Site Postal Code:</b>	K2J 6H8		
<b>Site Country:</b>	Canada		
<b>Co Official:</b>	Marilyn Journeaux		
<b>Co Admin:</b>	Cameron Neal		

**2017 Generator Manifest**

<b>ID:</b>	50272	<b>Sum Received Qty:</b>	1125.0
<b>Generator No:</b>	ON6305617	<b>Waste Class Name:</b>	CHEMICAL FERTILIZER WASTES
<b>Receiver Type:</b>	035	<b>Count Manifests:</b>	1
<b>Waste Char:</b>	I	<b>District:</b>	402
<b>Waste Code:</b>	147		

**2017 Generator Manifest**

<b>ID:</b>	50277	<b>Sum Received Qty:</b>	2977.0
<b>Generator No:</b>	ON6305617	<b>Waste Class Name:</b>	HALOGENATED PESTICIDES
<b>Receiver Type:</b>	035	<b>Count Manifests:</b>	1
<b>Waste Char:</b>	A	<b>District:</b>	402
<b>Waste Code:</b>	242		

**2017 Generator Manifest**

<b>ID:</b>	50280	<b>Sum Received Qty:</b>	17042.0
<b>Generator No:</b>	ON6305617	<b>Waste Class Name:</b>	ORGANIC LABORATORY CHEMICALS
<b>Receiver Type:</b>	035	<b>Count Manifests:</b>	1
<b>Waste Char:</b>	I	<b>District:</b>	402
<b>Waste Code:</b>	263		

<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>2017 Generator Manifest</u></b>					
<i>ID:</i>	50274			<i>Sum Received Qty:</i>	496.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	INORGANIC LABORATORY CHEMICALS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	I			<i>District:</i>	402
<i>Waste Code:</i>	148				
<b><u>2017 Generator Manifest</u></b>					
<i>ID:</i>	50283			<i>Sum Received Qty:</i>	623.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	WASTE COMPRESSED GASES
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	R			<i>District:</i>	402
<i>Waste Code:</i>	331				
<b><u>2017 Generator Manifest</u></b>					
<i>ID:</i>	50275			<i>Sum Received Qty:</i>	1136.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	ALIPHATIC SOLVENTS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	L			<i>District:</i>	402
<i>Waste Code:</i>	212				
<b><u>2017 Generator Manifest</u></b>					
<i>ID:</i>	50276			<i>Sum Received Qty:</i>	935.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	LIGHT FUELS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	I			<i>District:</i>	402
<i>Waste Code:</i>	221				
<b><u>2017 Generator Manifest</u></b>					
<i>ID:</i>	50278			<i>Sum Received Qty:</i>	5281.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	WASTE OILS & LUBRICANTS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	3
<i>Waste Char:</i>	L			<i>District:</i>	402
<i>Waste Code:</i>	252				
<b><u>2017 Generator Manifest</u></b>					
<i>ID:</i>	50281			<i>Sum Received Qty:</i>	73.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	PATHOLOGICAL WASTES
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	P			<i>District:</i>	402
<i>Waste Code:</i>	312				
<b><u>2017 Generator Manifest</u></b>					
<i>ID:</i>	50273			<i>Sum Received Qty:</i>	7892.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	INORGANIC LABORATORY CHEMICALS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	4
<i>Waste Char:</i>	C			<i>District:</i>	402
<i>Waste Code:</i>	148				
<b><u>2017 Generator Manifest</u></b>					
<i>ID:</i>	50279			<i>Sum Received Qty:</i>	109.0

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	PHARMACEUTICALS
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	1
<b>Waste Char:</b>	A			<b>District:</b>	402
<b>Waste Code:</b>	261				
<b><u>2017 Generator Manifest</u></b>					
<b>ID:</b>	50282			<b>Sum Received Qty:</b>	3369.0
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	WASTE COMPRESSED GASES
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	2
<b>Waste Char:</b>	I			<b>District:</b>	402
<b>Waste Code:</b>	331				
<b><u>2018 Generator Info</u></b>					
<b>Gen No:</b>	ON6305617			<b>Choice of Contact:</b>	CO_ADMIN
<b>ID:</b>	25117			<b>Phone No Official:</b>	613-580-2424 Ext.21528
<b>Contaminated Fac:</b>	N			<b>Phone No Admin:</b>	613-580-2424 Ext.25102
<b>MHSW Facility:</b>	Y			<b>County Ont:</b>	OTTAWA CARLTON (RM)
<b>NAICS Code1:</b>	913150			<b>County Out:</b>	
<b>NAICS Code2:</b>				<b>District:</b>	402
<b>NAICS Code3:</b>					
<b>Gen Name:</b>	City of Ottawa				
<b>Gen Div:</b>					
<b>Gen Op Name:</b>	City of Ottawa				
<b>Gen Op Div:</b>					
<b>Site Adrs1:</b>	4061 Strandherd Dr.				
<b>Site Bldg:</b>					
<b>Site Pobox:</b>					
<b>Province In:</b>	ONTARIO				
<b>Site Adrs2:</b>					
<b>Site City:</b>	Ottawa				
<b>Province Out:</b>					
<b>Site Postal Code:</b>	K2J 6H8				
<b>Site Country:</b>	Canada				
<b>Co Official:</b>	Marilyn Journeaux				
<b>Co Admin:</b>	Cameron Neal				
<b><u>2018 Generator Manifest</u></b>					
<b>ID:</b>	50177			<b>Sum Received Qty:</b>	8327.0
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	INORGANIC LABORATORY CHEMICALS
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	4
<b>Waste Char:</b>	C			<b>District:</b>	402
<b>Waste Code:</b>	148				
<b><u>2018 Generator Manifest</u></b>					
<b>ID:</b>	50180			<b>Sum Received Qty:</b>	1280.0
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	LIGHT FUELS
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	1
<b>Waste Char:</b>	I			<b>District:</b>	402
<b>Waste Code:</b>	221				
<b><u>2018 Generator Manifest</u></b>					
<b>ID:</b>	50183			<b>Sum Received Qty:</b>	88.0
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	PHARMACEUTICALS
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	1
<b>Waste Char:</b>	A			<b>District:</b>	402
<b>Waste Code:</b>	261				

<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>2018 Generator Manifest</u></b>					
<i>ID:</i>	50184			<i>Sum Received Qty:</i>	16117.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	ORGANIC LABORATORY CHEMICALS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	I			<i>District:</i>	402
<i>Waste Code:</i>	263				
<b><u>2018 Generator Manifest</u></b>					
<i>ID:</i>	50179			<i>Sum Received Qty:</i>	1142.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	ALIPHATIC SOLVENTS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	L			<i>District:</i>	402
<i>Waste Code:</i>	212				
<b><u>2018 Generator Manifest</u></b>					
<i>ID:</i>	50182			<i>Sum Received Qty:</i>	5061.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	WASTE OILS & LUBRICANTS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	3
<i>Waste Char:</i>	L			<i>District:</i>	402
<i>Waste Code:</i>	252				
<b><u>2018 Generator Manifest</u></b>					
<i>ID:</i>	50187			<i>Sum Received Qty:</i>	656.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	WASTE COMPRESSED GASES
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	R			<i>District:</i>	402
<i>Waste Code:</i>	331				
<b><u>2018 Generator Manifest</u></b>					
<i>ID:</i>	50176			<i>Sum Received Qty:</i>	1045.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	CHEMICAL FERTILIZER WASTES
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	I			<i>District:</i>	402
<i>Waste Code:</i>	147				
<b><u>2018 Generator Manifest</u></b>					
<i>ID:</i>	50178			<i>Sum Received Qty:</i>	468.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	INORGANIC LABORATORY CHEMICALS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	I			<i>District:</i>	402
<i>Waste Code:</i>	148				
<b><u>2018 Generator Manifest</u></b>					
<i>ID:</i>	50181			<i>Sum Received Qty:</i>	3247.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	HALOGENATED PESTICIDES
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	A			<i>District:</i>	402
<i>Waste Code:</i>	242				
<b><u>2018 Generator Manifest</u></b>					
<i>ID:</i>	50185			<i>Sum Received Qty:</i>	30.0

<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>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	PATHOLOGICAL WASTES
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	1
<b>Waste Char:</b>	P			<b>District:</b>	402
<b>Waste Code:</b>	312				
<b><u>2018 Generator Manifest</u></b>					
<b>ID:</b>	50186			<b>Sum Received Qty:</b>	3842.0
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	WASTE COMPRESSED GASES
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	2
<b>Waste Char:</b>	I			<b>District:</b>	402
<b>Waste Code:</b>	331				
<b><u>2019 Generator Info</u></b>					
<b>Gen No:</b>	ON6305617			<b>Choice of Contact:</b>	CO_ADMIN
<b>ID:</b>	25287			<b>Phone No Official:</b>	613-580-2424 Ext.21528
<b>Contaminated Fac:</b>	N			<b>Phone No Admin:</b>	613-580-2424 Ext.25102
<b>MHSW Facility:</b>	Y			<b>County Ont:</b>	OTTAWA CARLTON (RM)
<b>NAICS Code1:</b>	913150			<b>County Out:</b>	
<b>NAICS Code2:</b>				<b>District:</b>	402
<b>NAICS Code3:</b>					
<b>Gen Name:</b>	City of Ottawa				
<b>Gen Div:</b>					
<b>Gen Op Name:</b>	City of Ottawa				
<b>Gen Op Div:</b>					
<b>Site Adrs1:</b>	4061 Strandherd Dr.				
<b>Site Bldg:</b>					
<b>Site Pobox:</b>					
<b>Province In:</b>	ONTARIO				
<b>Site Adrs2:</b>					
<b>Site City:</b>	Ottawa				
<b>Province Out:</b>					
<b>Site Postal Code:</b>	K2J 6H8				
<b>Site Country:</b>	Canada				
<b>Co Official:</b>	Marilyn Journeaux				
<b>Co Admin:</b>	Cameron Neal				
<b><u>2019 Generator Manifest</u></b>					
<b>ID:</b>	50010			<b>Sum Received Qty:</b>	73.0
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	PHARMACEUTICALS
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	1
<b>Waste Char:</b>	A			<b>District:</b>	402
<b>Waste Code:</b>	261				
<b><u>2019 Generator Manifest</u></b>					
<b>ID:</b>	50013			<b>Sum Received Qty:</b>	4382.0
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	WASTE COMPRESSED GASES
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	3
<b>Waste Char:</b>	I			<b>District:</b>	402
<b>Waste Code:</b>	331				
<b><u>2019 Generator Manifest</u></b>					
<b>ID:</b>	50005			<b>Sum Received Qty:</b>	6605.0
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	INORGANIC LABORATORY CHEMICALS
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	5
<b>Waste Char:</b>	C			<b>District:</b>	402
<b>Waste Code:</b>	148				

<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>2019 Generator Manifest</u></b>					
<i>ID:</i>	50007			<i>Sum Received Qty:</i>	1385.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	LIGHT FUELS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	I			<i>District:</i>	402
<i>Waste Code:</i>	221				
<b><u>2019 Generator Manifest</u></b>					
<i>ID:</i>	50011			<i>Sum Received Qty:</i>	14599.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	ORGANIC LABORATORY CHEMICALS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	2
<i>Waste Char:</i>	I			<i>District:</i>	402
<i>Waste Code:</i>	263				
<b><u>2019 Generator Manifest</u></b>					
<i>ID:</i>	50014			<i>Sum Received Qty:</i>	592.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	WASTE COMPRESSED GASES
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	R			<i>District:</i>	402
<i>Waste Code:</i>	331				
<b><u>2019 Generator Manifest</u></b>					
<i>ID:</i>	50012			<i>Sum Received Qty:</i>	53.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	PATHOLOGICAL WASTES
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	P			<i>District:</i>	402
<i>Waste Code:</i>	312				
<b><u>2019 Generator Manifest</u></b>					
<i>ID:</i>	50003			<i>Sum Received Qty:</i>	437.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	OTHER SPECIFIED INORGANICS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	I			<i>District:</i>	402
<i>Waste Code:</i>	146				
<b><u>2019 Generator Manifest</u></b>					
<i>ID:</i>	50004			<i>Sum Received Qty:</i>	1282.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	CHEMICAL FERTILIZER WASTES
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	I			<i>District:</i>	402
<i>Waste Code:</i>	147				
<b><u>2019 Generator Manifest</u></b>					
<i>ID:</i>	50006			<i>Sum Received Qty:</i>	1182.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	ALIPHATIC SOLVENTS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	L			<i>District:</i>	402
<i>Waste Code:</i>	212				
<b><u>2019 Generator Manifest</u></b>					
<i>ID:</i>	50008			<i>Sum Received Qty:</i>	3194.0

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	HALOGENATED PESTICIDES
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	2
<b>Waste Char:</b>	A			<b>District:</b>	402
<b>Waste Code:</b>	242				
<b><u>2019 Generator Manifest</u></b>					
<b>ID:</b>	50009			<b>Sum Received Qty:</b>	7061.0
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	WASTE OILS & LUBRICANTS
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	2
<b>Waste Char:</b>	L			<b>District:</b>	402
<b>Waste Code:</b>	252				
<b><u>2020 Generator Info</u></b>					
<b>Gen No:</b>	ON6305617			<b>Choice of Contact:</b>	CO_ADMIN
<b>ID:</b>	25008			<b>Phone No Official:</b>	613-580-2424 Ext.21528
<b>Contaminated Fac:</b>	N			<b>Phone No Admin:</b>	613-580-2424 Ext.25102
<b>MHSW Facility:</b>	Y			<b>County Ont:</b>	OTTAWA CARLTON (RM)
<b>NAICS Code1:</b>	913150			<b>County Out:</b>	
<b>NAICS Code2:</b>				<b>District:</b>	402
<b>NAICS Code3:</b>					
<b>Gen Name:</b>	City of Ottawa				
<b>Gen Div:</b>					
<b>Gen Op Name:</b>	City of Ottawa				
<b>Gen Op Div:</b>					
<b>Site Adrs1:</b>	4061 Strandherd Dr.				
<b>Site Bldg:</b>					
<b>Site Pobox:</b>					
<b>Province In:</b>	ONTARIO				
<b>Site Adrs2:</b>					
<b>Site City:</b>	Ottawa				
<b>Province Out:</b>					
<b>Site Postal Code:</b>	K2J 6H8				
<b>Site Country:</b>	Canada				
<b>Co Official:</b>	Marilyn Journeaux				
<b>Co Admin:</b>	Cameron Neal				
<b><u>2020 Generator Manifest</u></b>					
<b>ID:</b>	46525			<b>Sum Received Qty:</b>	898.0
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	PHARMACEUTICALS
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	4
<b>Waste Char:</b>	A			<b>District:</b>	402
<b>Waste Code:</b>	261				
<b><u>2020 Generator Manifest</u></b>					
<b>ID:</b>	46511			<b>Sum Received Qty:</b>	353.0
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	INORGANIC LABORATORY CHEMICALS
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	1
<b>Waste Char:</b>	I			<b>District:</b>	401
<b>Waste Code:</b>	148				
<b><u>2020 Generator Manifest</u></b>					
<b>ID:</b>	46517			<b>Sum Received Qty:</b>	451.0
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	WASTE COMPRESSED GASES
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	1
<b>Waste Char:</b>	R			<b>District:</b>	401
<b>Waste Code:</b>	331				

<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>2020 Generator Manifest</u></b>					
<i>ID:</i>	46526			<i>Sum Received Qty:</i>	49973.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	ORGANIC LABORATORY CHEMICALS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	7
<i>Waste Char:</i>	I			<i>District:</i>	402
<i>Waste Code:</i>	263				
<b><u>2020 Generator Manifest</u></b>					
<i>ID:</i>	46510			<i>Sum Received Qty:</i>	4600.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	INORGANIC LABORATORY CHEMICALS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	2
<i>Waste Char:</i>	C			<i>District:</i>	401
<i>Waste Code:</i>	148				
<b><u>2020 Generator Manifest</u></b>					
<i>ID:</i>	46519			<i>Sum Received Qty:</i>	10500.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	INORGANIC LABORATORY CHEMICALS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	8
<i>Waste Char:</i>	C			<i>District:</i>	402
<i>Waste Code:</i>	148				
<b><u>2020 Generator Manifest</u></b>					
<i>ID:</i>	46513			<i>Sum Received Qty:</i>	93.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	WASTE OILS & LUBRICANTS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	1
<i>Waste Char:</i>	L			<i>District:</i>	401
<i>Waste Code:</i>	252				
<b><u>2020 Generator Manifest</u></b>					
<i>ID:</i>	46520			<i>Sum Received Qty:</i>	1450.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	INORGANIC LABORATORY CHEMICALS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	4
<i>Waste Char:</i>	I			<i>District:</i>	402
<i>Waste Code:</i>	148				
<b><u>2020 Generator Manifest</u></b>					
<i>ID:</i>	46522			<i>Sum Received Qty:</i>	3740.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	LIGHT FUELS
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	5
<i>Waste Char:</i>	I			<i>District:</i>	402
<i>Waste Code:</i>	221				
<b><u>2020 Generator Manifest</u></b>					
<i>ID:</i>	46528			<i>Sum Received Qty:</i>	21452.0
<i>Generator No:</i>	ON6305617			<i>Waste Class Name:</i>	WASTE COMPRESSED GASES
<i>Receiver Type:</i>	035			<i>Count Manifests:</i>	16
<i>Waste Char:</i>	I			<i>District:</i>	402
<i>Waste Code:</i>	331				
<b><u>2020 Generator Manifest</u></b>					
<i>ID:</i>	46509			<i>Sum Received Qty:</i>	750.0

<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>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	CHEMICAL FERTILIZER WASTES
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	1
<b>Waste Char:</b>	I			<b>District:</b>	401
<b>Waste Code:</b>	147				
<b><u>2020 Generator Manifest</u></b>					
<b>ID:</b>	46512			<b>Sum Received Qty:</b>	1607.0
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	HALOGENATED PESTICIDES
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	1
<b>Waste Char:</b>	A			<b>District:</b>	401
<b>Waste Code:</b>	242				
<b><u>2020 Generator Manifest</u></b>					
<b>ID:</b>	46514			<b>Sum Received Qty:</b>	208.0
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	PHARMACEUTICALS
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	1
<b>Waste Char:</b>	A			<b>District:</b>	401
<b>Waste Code:</b>	261				
<b><u>2020 Generator Manifest</u></b>					
<b>ID:</b>	46515			<b>Sum Received Qty:</b>	53.0
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	PATHOLOGICAL WASTES
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	1
<b>Waste Char:</b>	P			<b>District:</b>	401
<b>Waste Code:</b>	312				
<b><u>2020 Generator Manifest</u></b>					
<b>ID:</b>	46516			<b>Sum Received Qty:</b>	968.0
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	WASTE COMPRESSED GASES
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	1
<b>Waste Char:</b>	I			<b>District:</b>	401
<b>Waste Code:</b>	331				
<b><u>2020 Generator Manifest</u></b>					
<b>ID:</b>	46527			<b>Sum Received Qty:</b>	233.0
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	PATHOLOGICAL WASTES
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	4
<b>Waste Char:</b>	P			<b>District:</b>	402
<b>Waste Code:</b>	312				
<b><u>2020 Generator Manifest</u></b>					
<b>ID:</b>	46523			<b>Sum Received Qty:</b>	6890.0
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	HALOGENATED PESTICIDES
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	4
<b>Waste Char:</b>	A			<b>District:</b>	402
<b>Waste Code:</b>	242				
<b><u>2020 Generator Manifest</u></b>					
<b>ID:</b>	46518			<b>Sum Received Qty:</b>	2546.0
<b>Generator No:</b>	ON6305617			<b>Waste Class Name:</b>	CHEMICAL FERTILIZER WASTES
<b>Receiver Type:</b>	035			<b>Count Manifests:</b>	4
<b>Waste Char:</b>	I			<b>District:</b>	402
<b>Waste Code:</b>	147				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**2020 Generator Manifest**

<b>ID:</b>	46521	<b>Sum Received Qty:</b>	3733.0
<b>Generator No:</b>	ON6305617	<b>Waste Class Name:</b>	ALIPHATIC SOLVENTS
<b>Receiver Type:</b>	035	<b>Count Manifests:</b>	5
<b>Waste Char:</b>	L	<b>District:</b>	402
<b>Waste Code:</b>	212		

**2020 Generator Manifest**

<b>ID:</b>	46524	<b>Sum Received Qty:</b>	16543.0
<b>Generator No:</b>	ON6305617	<b>Waste Class Name:</b>	WASTE OILS & LUBRICANTS
<b>Receiver Type:</b>	035	<b>Count Manifests:</b>	11
<b>Waste Char:</b>	L	<b>District:</b>	402
<b>Waste Code:</b>	252		

**2020 Generator Manifest**

<b>ID:</b>	46529	<b>Sum Received Qty:</b>	1736.0
<b>Generator No:</b>	ON6305617	<b>Waste Class Name:</b>	WASTE COMPRESSED GASES
<b>Receiver Type:</b>	035	<b>Count Manifests:</b>	4
<b>Waste Char:</b>	R	<b>District:</b>	402
<b>Waste Code:</b>	331		

**2021 Generator Info**

<b>Gen No:</b>	ON6305617	<b>Choice of Contact:</b>	CO_ADMIN
<b>ID:</b>	25439	<b>Phone No Official:</b>	613-580-2424 Ext.21528
<b>Contaminated Fac:</b>	N	<b>Phone No Admin:</b>	613-580-2424 Ext.25102
<b>MHSW Facility:</b>	Y	<b>County Ont:</b>	OTTAWA CARLTON (RM)
<b>NAICS Code1:</b>	913150	<b>County Out:</b>	
<b>NAICS Code2:</b>		<b>District:</b>	402
<b>NAICS Code3:</b>			
<b>Gen Name:</b>	City of Ottawa		
<b>Gen Div:</b>			
<b>Gen Op Name:</b>	City of Ottawa		
<b>Gen Op Div:</b>			
<b>Site Adrs1:</b>	4061 Strandherd Dr.		
<b>Site Bldg:</b>			
<b>Site Pobox:</b>			
<b>Province In:</b>	ONTARIO		
<b>Site Adrs2:</b>			
<b>Site City:</b>	Ottawa		
<b>Province Out:</b>			
<b>Site Postal Code:</b>	K2J 6H8		
<b>Site Country:</b>	Canada		
<b>Co Official:</b>	Marilyn Journeaux		
<b>Co Admin:</b>	Cameron Neal		

<b><u>6</u></b>	1 of 1	<b>NE/244.9</b>	<b>95.9 / 1.00</b>	<b>Tomlinson Environmental Services Ltd. Dealership Dr and Philsar street Ottawa ON</b>	<b>SPL</b>
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<b>Ref No:</b>	6548-AA9N6P	<b>Municipality No:</b>	
<b>Year:</b>		<b>Nature of Damage:</b>	
<b>Incident Dt:</b>	2016/05/24	<b>Discharger Report:</b>	
<b>Dt MOE Arvl on Scn:</b>		<b>Material Group:</b>	
<b>MOE Reported Dt:</b>	2016/05/24	<b>Impact to Health:</b>	
<b>Dt Document Closed:</b>		<b>Agency Involved:</b>	
<b>Site No:</b>	NA		
<b>MOE Response:</b>	No		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Site County/District:</b> <b>Site Geo Ref Meth:</b> <b>Site District Office:</b> <b>Nearest Watercourse:</b> <b>Site Name:</b> spill<UNOFFICIAL> <b>Site Address:</b> Dealership Dr and Philsar street <b>Site Region:</b> <b>Site Municipality:</b> Ottawa <b>Site Lot:</b> <b>Site Conc:</b> <b>Site Geo Ref Accu:</b> <b>Site Map Datum:</b> <b>Northing:</b> 5012534 <b>Easting:</b> 438823 <b>Entity Operating Name:</b> <b>Client Name:</b> Tomlinson Environmental Services Ltd. <b>Client Type:</b> <b>Source Type:</b> <b>Incident Cause:</b> <b>Incident Preceding Spill:</b> Leak/Break <b>Incident Reason:</b> Unknown / N/A <b>Incident Summary:</b> D&G Landscaping - ~2-20L diesel to road and CB <b>Environment Impact:</b> <b>Health Env Consequence:</b> <b>Nature of Impact:</b> <b>Contaminant Qty:</b> 20 L <b>Contaminant Qty 1:</b> 20 <b>Contaminant Unit:</b> L <b>Contaminant Code:</b> 13 <b>Contaminant Name:</b> DIESEL FUEL <b>Contaminant Limit 1:</b> <b>Contam Limit Freq 1:</b> <b>Contaminant UN No 1:</b> <b>Receiving Medium:</b> Land <b>Activity Preceding Spill:</b> <b>Property 2nd Watershed:</b> <b>Property Tertiary Watershed:</b> <b>Sector Type:</b> Other <b>SAC Action Class:</b> Land Spills <b>Call Report Locatn Geodata:</b> <b>Time Reported:</b> <b>System Facility Address:</b>					
<u>7</u>	1 of 2	ENE/245.5	95.9 / 1.00	Zena Investment Corporation 4115 and 4123 Strandherd Dr Ottawa ON K2J 6H8	ECA
<b>Approval No:</b> 5216-AN4HN5 <b>Approval Date:</b> 2017-06-07 <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>Business Name:</b> Zena Investment Corporation <b>Address:</b> 4115 and 4123 Strandherd Dr <b>Full Address:</b> <b>Full PDF Link:</b> <a href="https://www.accessenvironment.ene.gov.on.ca/instruments/5064-AEGHRB-14.pdf">https://www.accessenvironment.ene.gov.on.ca/instruments/5064-AEGHRB-14.pdf</a> <b>PDF Site Location:</b>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>7</u>	2 of 2	ENE/245.5	95.9 / 1.00	4123 Strandherd Drive Ottawa ON	SPL
<b>Ref No:</b>		1125-A4VH32		<b>Municipality No:</b>	
<b>Year:</b>				<b>Nature of Damage:</b>	
<b>Incident Dt:</b>		12/4/2015		<b>Discharger Report:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Material Group:</b>	
<b>MOE Reported Dt:</b>		12/4/2015		<b>Impact to Health:</b>	
<b>Dt Document Closed:</b>				<b>Agency Involved:</b>	
<b>Site No:</b>		NA			
<b>MOE Response:</b>		No			
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Site District Office:</b>					
<b>Nearest Watercourse:</b>					
<b>Site Name:</b>		New Toyota Dealership<UNOFFICIAL>			
<b>Site Address:</b>		4123 Strandherd Drive			
<b>Site Region:</b>					
<b>Site Municipality:</b>		Ottawa			
<b>Site Lot:</b>					
<b>Site Conc:</b>					
<b>Site Geo Ref Accu:</b>					
<b>Site Map Datum:</b>					
<b>Northing:</b>		5012192			
<b>Easting:</b>		439321			
<b>Entity Operating Name:</b>					
<b>Client Name:</b>					
<b>Client Type:</b>					
<b>Source Type:</b>					
<b>Incident Cause:</b>					
<b>Incident Preceding Spill:</b>					
<b>Incident Reason:</b>		Equipment Failure			
<b>Incident Summary:</b>		BBS Construction: 2 L hydraulic oil to cb			
<b>Environment Impact:</b>					
<b>Health Env Consequence:</b>					
<b>Nature of Impact:</b>					
<b>Contaminant Qty:</b>		2 L			
<b>Contaminant Qty 1:</b>		2			
<b>Contaminant Unit:</b>		L			
<b>Contaminant Code:</b>		15			
<b>Contaminant Name:</b>		HYDRAULIC OIL			
<b>Contaminant Limit 1:</b>					
<b>Contam Limit Freq 1:</b>					
<b>Contaminant UN No 1:</b>					
<b>Receiving Medium:</b>					
<b>Activity Preceding Spill:</b>					
<b>Property 2nd Watershed:</b>					
<b>Property Tertiary Watershed:</b>					
<b>Sector Type:</b>		Miscellaneous Industrial			
<b>SAC Action Class:</b>		Land Spills			
<b>Call Report Locatn Geodata:</b>					
<b>Time Reported:</b>					
<b>System Facility Address:</b>					

<u>8</u>	1 of 4	ENE/246.3	95.9 / 1.00	Zena Investment Corporation 4115 Strandherd Drive Barhaven ON K2J 3T3	GEN
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**Generator Info**

<b>Generator No:</b>	ON5065439	<b>Choice of Contact:</b>	
<b>Approval Years:</b>	As of Dec 2018	<b>Contaminated Fac:</b>	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<b>Status:</b> Registered <b>PO Box No:</b> <b>Country:</b> Canada <b>Co Admin:</b> <b>Phone No Admin:</b> <b>SIC Description:</b>				<b>MHSW Facility:</b> <b>SIC Code:</b>	
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b> 251 L <b>Waste Class Name:</b> Waste oils/sludges (petroleum based)					
<a href="#">8</a>	2 of 4	ENE/246.3	95.9 / 1.00	Zena Investment Corporation 4115 Strandherd Drive Barhaven ON K2J 3T3	GEN
<b><u>Generator Info</u></b>					
<b>Generator No:</b> ON5065439 <b>Approval Years:</b> As of Jul 2020 <b>Status:</b> Registered <b>PO Box No:</b> <b>Country:</b> Canada <b>Co Admin:</b> <b>Phone No Admin:</b> <b>SIC Description:</b>		<b>Choice of Contact:</b> <b>Contaminated Fac:</b> <b>MHSW Facility:</b> <b>SIC Code:</b>			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b> 251 L <b>Waste Class Name:</b> Waste oils/sludges (petroleum based)					
<a href="#">8</a>	3 of 4	ENE/246.3	95.9 / 1.00	Zena Investment Corporation 4115 Strandherd Drive Barhaven ON K2J 3T3	GEN
<b><u>Generator Info</u></b>					
<b>Generator No:</b> ON5065439 <b>Approval Years:</b> As of Nov 2021 <b>Status:</b> Registered <b>PO Box No:</b> <b>Country:</b> Canada <b>Co Admin:</b> <b>Phone No Admin:</b> <b>SIC Description:</b>		<b>Choice of Contact:</b> <b>Contaminated Fac:</b> <b>MHSW Facility:</b> <b>SIC Code:</b>			
<b><u>Waste Detail(s)</u></b>					
<b>Waste Class:</b> 251 L <b>Waste Class Name:</b> Waste oils/sludges (petroleum based)					
<a href="#">8</a>	4 of 4	ENE/246.3	95.9 / 1.00	4115 Strandherd Dr, Nepean, Ottawa, ON K2J 3T3 ON	SPL
<b>Ref No:</b>	1-1DVVWP	<b>Municipality No:</b>			

<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>Year:</b>				<b>Nature of Damage:</b>	
<b>Incident Dt:</b>				<b>Discharger Report:</b>	
<b>Dt MOE Arvl on Scn:</b>				<b>Material Group:</b>	
<b>MOE Reported Dt:</b>	11/9/2021 10:17:20 AM			<b>Impact to Health:</b>	0 No Impact
<b>Dt Document Closed:</b>	11/23/2021 6:53:59 AM			<b>Agency Involved:</b>	
<b>Site No:</b>					
<b>MOE Response:</b>		Desktop Response			
<b>Site County/District:</b>					
<b>Site Geo Ref Meth:</b>					
<b>Site District Office:</b>		Ottawa District Office			
<b>Nearest Watercourse:</b>					
<b>Site Name:</b>					
<b>Site Address:</b>		4115 Strandherd Dr, Nepean, Ottawa, ON K2J 3T3			
<b>Site Region:</b>					
<b>Site Municipality:</b>		OTTAWA			
<b>Site Lot:</b>					
<b>Site Conc:</b>					
<b>Site Geo Ref Accu:</b>					
<b>Site Map Datum:</b>					
<b>Northing:</b>					
<b>Easting:</b>					
<b>Entity Operating Name:</b>					
<b>Client Name:</b>					
<b>Client Type:</b>					
<b>Source Type:</b>					
<b>Incident Cause:</b>					
<b>Incident Preceding Spill:</b>		Leak/Break			
<b>Incident Reason:</b>					
<b>Incident Summary:</b>		Cavanagh Const. 50L diesel to gravel roadway, cleaning			
<b>Environment Impact:</b>		1 Minor Impact			
<b>Health Env Consequence:</b>					
<b>Nature of Impact:</b>					
<b>Contaminant Qty:</b>		50 litre (L)			
<b>Contaminant Qty 1:</b>					
<b>Contaminant Unit:</b>					
<b>Contaminant Code:</b>					
<b>Contaminant Name:</b>		DIESEL FUEL			
<b>Contaminant Limit 1:</b>					
<b>Contam Limit Freq 1:</b>					
<b>Contaminant UN No 1:</b>					
<b>Receiving Medium:</b>		Land			
<b>Activity Preceding Spill:</b>		Construction or repair			
<b>Property 2nd Watershed:</b>		Lower Ottawa			
<b>Property Tertiary Watershed:</b>		02LA-Rideau			
<b>Sector Type:</b>		HIGHWAY, STREET AND BRIDGE CONSTRUCTION			
<b>SAC Action Class:</b>					
<b>Call Report Locatn Geodata:</b>		{ "integration_ids": ["PR00004320291"], "wkts": ["POINT (-75.7766959353 45.2631264128)], "creation_date": "2021-11-09" }			
<b>Time Reported:</b>					
<b>System Facility Address:</b>					

# Unplottable Summary

Total: 15 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	City of Ottawa	Strandherd Drive	Ottawa ON	
CA	City of Ottawa	Strandherd Drive	Ottawa ON	
CA	DCR/PHOENIX DEVELOPMENMT CORP.	STRANDHERD DRIVE	NEPEAN CITY ON	
EBR	Tomlinson Environmental Services Ltd.	Mobile Facility Ottawa CITY OF OTTAWA	ON	
ECA	City of Ottawa	Strandherd Drive	Ottawa ON	K2G 6J8
ECA	Tomlinson Environmental Services Ltd.	Mobile Facility	Ottawa ON	K2R 6K7
ECA	Tomlinson Environmental Services Ltd.	Mobile Facility	Ottawa ON	K1G 3N4
EHS		Strandherd Dr	Nepean ON	
GEN	Tomlinson Environmental Services	All Catch Basins in the City of Ottawa Serviced by TES-Industrial Waste Division	Ottawa ON	K1N 1J1
SPL	Tomlinson Environmental Services Ltd.		Ottawa ON	
WWIS		lot 16	ON	
WWIS		lot 17	ON	
WWIS		lot 16	ON	
WWIS		lot 16	ON	
WWIS		lot 17	ON	

# Unplottable Report

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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:** 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 DEVELOPMENMT 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:**

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

**Database:**  
EBR

**EBR Registry No:** 011-5279  
**Ministry Ref No:** 7519-8P2K34

**Decision Posted:**  
**Exception Posted:**

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

**Section:**  
**Act 1:**  
**Act 2:**  
**Site Location Map:**

**Site Location Details:**

Mobile Facility Ottawa CITY OF OTTAWA

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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  
**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:**

**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:**

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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:**

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

**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:**

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**Site:** **Strandherd Dr Nepean ON** **Database:** **EHS**

**Order No:** 20000612004 **Nearest Intersection:** Hwy 416  
**Status:** C **Municipality:**  
**Report Type:** Site Report **Client Prov/State:** ON  
**Report Date:** 6/13/00 **Search Radius (km):** 0.85  
**Date Received:** 6/12/00 **X:** -75.786444  
**Previous Site Name:** **Y:** 45.267925  
**Lot/Building Size:** lots 17-20 Con. 4 (200 acres)  
**Additional Info Ordered:**

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**Site:** **Tomlinson Environmental Services** **Database:** **GEN**  
**All Catch Basins in the City of Ottawa Serviced by TES-Industrial Waste Division Ottawa ON K1N 1J1**

**Generator Info**

**Generator No:** ON6691940 **Choice of Contact:** CO\_OFFICIAL  
**Approval Years:** 2015 **Contaminated Fac:** No  
**Status:** **MHSW Facility:** No  
**PO Box No:** **SIC Code:** 562110, 562990  
**Country:** Canada  
**Co Admin:**  
**Phone No Admin:**  
**SIC Description:** WASTE COLLECTION, ALL OTHER WASTE MANAGEMENT SERVICES

**Waste Detail(s)**

**Waste Class:** 251  
**Waste Class Name:** OIL SKIMMINGS & SLUDGES

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

**Ref No:** 0701-9KKJ43 **Municipality No:**  
**Year:** **Nature of Damage:**  
**Incident Dt:** 2014/05/29 **Discharger Report:**  
**Dt MOE Arvl on Scn:** **Material Group:**  
**MOE Reported Dt:** 2014/05/29 **Impact to Health:**  
**Dt Document Closed:** 2014/11/07 **Agency Involved:**  
**Site No:** NA  
**MOE Response:** No Field Response  
**Site County/District:**  
**Site Geo Ref Meth:**  
**Site District Office:**  
**Nearest Watercourse:**  
**Site Name:** 5555 power Road<UNOFFICIAL>  
**Site Address:**  
**Site Region:**  
**Site Municipality:** Ottawa  
**Site Lot:**  
**Site Conc:**  
**Site Geo Ref Accu:**  
**Site Map Datum:**  
**Northing:**

**Easting:****Entity Operating Name:****Client Name:** Tomlinson Environmental Services Ltd.**Client Type:****Source Type:****Incident Cause:** Unknown / N/A**Incident Preceding Spill:****Incident Reason:** Unknown / N/A**Incident Summary:** Tomlinson Env: 100L oily water to lot, clnd**Environment Impact:** Not Anticipated**Health Env Consequence:****Nature of Impact:** Other Impact(s); Soil Contamination**Contaminant Qty:** 100 L**Contaminant Qty 1:** 100**Contaminant Unit:** L**Contaminant Code:** 15**Contaminant Name:** OIL (PETROLEUM BASED, NOT SPECIFIED)**Contaminant Limit 1:****Contam Limit Freq 1:****Contaminant UN No 1:****Receiving Medium:****Activity Preceding Spill:****Property 2nd Watershed:****Property Tertiary Watershed:****Sector Type:** Unknown / N/A**SAC Action Class:** Land Spills**Call Report Locatn Geodata:****Time Reported:****System Facility Address:****Site:**

lot 16 ON

**Database:**  
WWIS**Well ID:** 1529409**Construction Date:****Use 1st:** Domestic**Use 2nd:****Final Well Status:** Water Supply**Water Type:****Casing Material:****Audit No:** 120031**Tag:****Constructn Method:****Elevation (m):****Elevatn Reliabilty:****Depth to Bedrock:****Well Depth:****Overburden/Bedrock:****Pump Rate:****Static Water Level:****Clear/Cloudy:****Municipality:** NEPEAN TOWNSHIP**Site Info:****Flowing (Y/N):****Flow Rate:****Data Entry Status:****Data Src:** 1**Date Received:** 05/23/1997**Selected Flag:** TRUE**Abandonment Rec:****Contractor:** 6629**Form Version:** 1**Owner:****County:** OTTAWA-CARLETON**Lot:** 016**Concession:****Concession Name:****Easting NAD83:****Northing NAD83:****Zone:****UTM Reliability:****Bore Hole Information****Bore Hole ID:** 10050945**DP2BR:****Spatial Status:****Code OB:****Code OB Desc:****Open Hole:****Cluster Kind:****Date Completed:** 04/05/1997**Remarks:****Location Method Desc:** Not Applicable i.e. no UTM**Elevrc Desc:****Elevation:****Elevrc:****Zone:** 18**East83:****North83:****Org CS:****UTMRC:** 9**UTMRC Desc:** unknown UTM**Location Method:** na

*Location Source Date:*  
*Improvement Location Source:*  
*Improvement Location Method:*  
*Source Revision Comment:*  
*Supplier Comment:*

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

**Formation ID:** 931072647  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Material 1:** 28  
**Material 1 Desc:** SAND  
**Material 2:** 12  
**Material 2 Desc:** STONES  
**Material 3:** 85  
**Material 3 Desc:** SOFT  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 2.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931072649  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 15  
**Material 1 Desc:** LIMESTONE  
**Material 2:** 18  
**Material 2 Desc:** SANDSTONE  
**Material 3:** 74  
**Material 3 Desc:** LAYERED  
**Formation Top Depth:** 10.0  
**Formation End Depth:** 102.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931072648  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:** 12  
**Material 2 Desc:** STONES  
**Material 3:** 66  
**Material 3 Desc:** DENSE  
**Formation Top Depth:** 2.0  
**Formation End Depth:** 10.0  
**Formation End Depth UOM:** ft

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

**Plug ID:** 933114422  
**Layer:** 1  
**Plug From:** 0.0  
**Plug To:** 20.0  
**Plug Depth UOM:** ft

**Method of Construction & Well Use**

**Method Construction ID:** 961529409  
**Method Construction Code:** 4  
**Method Construction:** Rotary (Air)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10599515  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930088912  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 20.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930088913  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 103.0  
**Casing Diameter:**  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:**  
**Pump Test ID:** 991529409  
**Pump Set At:**  
**Static Level:** 4.0  
**Final Level After Pumping:** 100.0  
**Recommended Pump Depth:** 100.0  
**Pumping Rate:** 10.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 10.0  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 2  
**Water State After Test:** CLOUDY  
**Pumping Test Method:**  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934115606  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 40.0  
**Test Level UOM:** ft

Draw Down & Recovery

Pump Test Detail ID: 934659185  
Test Type:  
Test Duration: 45  
Test Level: 4.0  
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390575  
Test Type:  
Test Duration: 30  
Test Level: 10.0  
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908695  
Test Type:  
Test Duration: 60  
Test Level: 4.0  
Test Level UOM: ft

Water Details

Water ID: 933489368  
Layer: 2  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 90.0  
Water Found Depth UOM: ft

Water Details

Water ID: 933489367  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 60.0  
Water Found Depth UOM: ft

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Site: lot 17 ON

Database:  
WWIS

Well ID: 1525050  
Construction Date:  
Use 1st: Domestic  
Use 2nd: Cooling And A/C  
Final Well Status: Water Supply  
Water Type:  
Casing Material:  
Audit No: 74627  
Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliabilty:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:  
Municipality: NEPEAN TOWNSHIP

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 10/29/1990  
Selected Flag: TRUE  
Abandonment Rec:  
Contractor: 3749  
Form Version: 1  
Owner:  
County: OTTAWA-CARLETON  
Lot: 017  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Site Info:**

**Bore Hole Information**

<b>Bore Hole ID:</b>	10046792	<b>Elevation:</b>	
<b>DP2BR:</b>		<b>Elevrc:</b>	
<b>Spatial Status:</b>		<b>Zone:</b>	18
<b>Code OB:</b>		<b>East83:</b>	
<b>Code OB Desc:</b>		<b>North83:</b>	
<b>Open Hole:</b>		<b>Org CS:</b>	
<b>Cluster Kind:</b>		<b>UTMRC:</b>	9
<b>Date Completed:</b>	08/24/1990	<b>UTMRC Desc:</b>	unknown UTM
<b>Remarks:</b>		<b>Location Method:</b>	na
<b>Location Method Desc:</b>	Not Applicable i.e. no UTM		
<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>	931059902
<b>Layer:</b>	3
<b>Color:</b>	3
<b>General Color:</b>	BLUE
<b>Material 1:</b>	05
<b>Material 1 Desc:</b>	CLAY
<b>Material 2:</b>	77
<b>Material 2 Desc:</b>	LOOSE
<b>Material 3:</b>	
<b>Material 3 Desc:</b>	
<b>Formation Top Depth:</b>	43.0
<b>Formation End Depth:</b>	62.0
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	931059901
<b>Layer:</b>	2
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Material 1:</b>	05
<b>Material 1 Desc:</b>	CLAY
<b>Material 2:</b>	79
<b>Material 2 Desc:</b>	PACKED
<b>Material 3:</b>	
<b>Material 3 Desc:</b>	
<b>Formation Top Depth:</b>	1.0
<b>Formation End Depth:</b>	43.0
<b>Formation End Depth UOM:</b>	ft

**Overburden and Bedrock**

**Materials Interval**

<b>Formation ID:</b>	931059904
<b>Layer:</b>	5
<b>Color:</b>	2
<b>General Color:</b>	GREY
<b>Material 1:</b>	15
<b>Material 1 Desc:</b>	LIMESTONE
<b>Material 2:</b>	85
<b>Material 2 Desc:</b>	SOFT

**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 72.0  
**Formation End Depth:** 130.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931059900  
**Layer:** 1  
**Color:** 8  
**General Color:** BLACK  
**Material 1:** 02  
**Material 1 Desc:** TOPSOIL  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 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  
**Material 1:** 11  
**Material 1 Desc:** GRAVEL  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 62.0  
**Formation End Depth:** 72.0  
**Formation End Depth UOM:** ft

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

**Plug ID:** 933111011  
**Layer:** 1  
**Plug From:** 6.0  
**Plug To:** 30.0  
**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:** 74.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**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:** 934655826  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 60.0  
**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:** 934111059  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 34.0  
**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

---

**Site:** lot 16 ON

**Database:**  
WWIS

**Well ID:** 1523918  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 68224  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 10/10/1989  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 3749  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 016  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10045690  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 09/08/1989  
**Remarks:**  
**Location Method Desc:** Not Applicable i.e. no UTM  
**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:** 931056208  
**Layer:** 3  
**Color:** 3  
**General Color:** BLUE  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:** 91  
**Material 2 Desc:** WATER-BEARING  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 89.0  
**Formation End Depth:** 116.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931056209  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 11  
**Material 1 Desc:** GRAVEL

**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 116.0  
**Formation End Depth:** 121.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931056206  
**Layer:** 1  
**Color:** 8  
**General Color:** BLACK  
**Material 1:** 02  
**Material 1 Desc:** TOPSOIL  
**Material 2:** 77  
**Material 2 Desc:** LOOSE  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 1.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931056210  
**Layer:** 5  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 15  
**Material 1 Desc:** LIMESTONE  
**Material 2:** 71  
**Material 2 Desc:** FRACTURED  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 121.0  
**Formation End Depth:** 126.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931056207  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:** 77  
**Material 2 Desc:** LOOSE  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 1.0  
**Formation End Depth:** 89.0  
**Formation End Depth UOM:** ft

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

**Method Construction ID:** 961523918  
**Method Construction Code:** 4  
**Method Construction:** Rotary (Air)  
**Other Method Construction:**

**Pipe Information**

Pipe ID: 10594260  
Casing No: 1  
Comment:  
Alt Name:

**Construction Record - Casing**

Casing ID: 930079964  
Layer: 1  
Material: 1  
Open Hole or Material: STEEL  
Depth From:  
Depth To: 121.0  
Casing Diameter: 6.0  
Casing Diameter UOM: inch  
Casing Depth UOM: ft

**Results of Well Yield Testing**

Pumping Test Method Desc: PUMP  
Pump Test ID: 991523918  
Pump Set At:  
Static Level: 13.0  
Final Level After Pumping: 29.0  
Recommended Pump Depth: 100.0  
Pumping Rate: 15.0  
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: 1  
Pumping Duration HR: 1  
Pumping Duration MIN: 0  
Flowing: No

**Draw Down & Recovery**

Pump Test Detail ID: 934106674  
Test Type: Draw Down  
Test Duration: 15  
Test Level: 29.0  
Test Level UOM: ft

**Water Details**

Water ID: 933482361  
Layer: 1  
Kind Code: 1  
Kind: FRESH  
Water Found Depth: 124.0  
Water Found Depth UOM: ft

**Site:** lot 16 ON

**Database:**  
WWIS

Well ID: 1523692  
Construction Date:  
Use 1st: Domestic  
Use 2nd:  
Final Well Status: Water Supply

Flowing (Y/N):  
Flow Rate:  
Data Entry Status:  
Data Src: 1  
Date Received: 08/03/1989

**Water Type:**  
**Casing Material:**  
**Audit No:** 49876  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** NEPEAN TOWNSHIP  
**Site Info:**

**Selected Flag:** TRUE  
**Abandonment Rec:** 3644  
**Contractor:** 1  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA-CARLETON  
**Lot:** 016  
**Concession:**  
**Concession Name:**  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

**Bore Hole Information**

**Bore Hole ID:** 10045466  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 05/29/1989  
**Remarks:**  
**Location Method Desc:** Not Applicable i.e. no UTM  
**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:** 931055454  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 26  
**Material 1 Desc:** ROCK  
**Material 2:** 71  
**Material 2 Desc:** FRACTURED  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 78.0  
**Formation End Depth:** 90.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931055453  
**Layer:** 2  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 14  
**Material 1 Desc:** HARDPAN  
**Material 2:** 11  
**Material 2 Desc:** GRAVEL  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 65.0  
**Formation End Depth:** 78.0

**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931055452  
**Layer:** 1  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 65.0  
**Formation End Depth UOM:** ft

**Method of Construction & Well  
Use**

**Method Construction ID:** 961523692  
**Method Construction Code:** 5  
**Method Construction:** Air Percussion  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10594036  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930079559  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:** 90.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930079558  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:** 80.0  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**Pump Test ID:** 991523692  
**Pump Set At:**  
**Static Level:** 0.0  
**Final Level After Pumping:** 30.0

**Recommended Pump Depth:** 30.0  
**Pumping Rate:** 50.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 10.0  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 2  
**Water State After Test:** CLOUDY  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:** 0  
**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934908461  
**Test Type:**  
**Test Duration:** 60  
**Test Level:** 30.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934390277  
**Test Type:**  
**Test Duration:** 30  
**Test Level:** 30.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934106050  
**Test Type:**  
**Test Duration:** 15  
**Test Level:** 30.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934651255  
**Test Type:**  
**Test Duration:** 45  
**Test Level:** 30.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933482052  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 86.0  
**Water Found Depth UOM:** ft

**Site:** lot 17 ON

**Database:**  
**WWIS**

**Well ID:** 1525217  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:** Cooling And A/C  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 91530  
**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 12/10/1990  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 3749

Tag:  
Constructn Method:  
Elevation (m):  
Elevatn Reliabilty:  
Depth to Bedrock:  
Well Depth:  
Overburden/Bedrock:  
Pump Rate:  
Static Water Level:  
Clear/Cloudy:  
Municipality: NEPEAN TOWNSHIP  
Site Info:

Form Version: 1  
Owner:  
County: OTTAWA-CARLETON  
Lot: 017  
Concession:  
Concession Name:  
Easting NAD83:  
Northing NAD83:  
Zone:  
UTM Reliability:

**Bore Hole Information**

Bore Hole ID: 10046958  
DP2BR:  
Spatial Status:  
Code OB:  
Code OB Desc:  
Open Hole:  
Cluster Kind:  
Date Completed: 10/26/1990  
Remarks:  
Location Method Desc: Not Applicable i.e. no UTM  
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: 931060482  
Layer: 3  
Color: 2  
General Color: GREY  
Material 1: 11  
Material 1 Desc: GRAVEL  
Material 2:  
Material 2 Desc:  
Material 3:  
Material 3 Desc:  
Formation Top Depth: 61.0  
Formation End Depth: 68.0  
Formation End Depth UOM: ft

**Overburden and Bedrock**

**Materials Interval**

Formation ID: 931060480  
Layer: 1  
Color: 2  
General Color: GREY  
Material 1: 05  
Material 1 Desc: CLAY  
Material 2: 01  
Material 2 Desc: FILL  
Material 3:  
Material 3 Desc:  
Formation Top Depth: 0.0  
Formation End Depth: 40.0  
Formation End Depth UOM: ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931060481  
**Layer:** 2  
**Color:** 3  
**General Color:** BLUE  
**Material 1:** 05  
**Material 1 Desc:** CLAY  
**Material 2:** 77  
**Material 2 Desc:** LOOSE  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 40.0  
**Formation End Depth:** 61.0  
**Formation End Depth UOM:** ft

**Overburden and Bedrock  
Materials Interval**

**Formation ID:** 931060483  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Material 1:** 15  
**Material 1 Desc:** LIMESTONE  
**Material 2:**  
**Material 2 Desc:**  
**Material 3:**  
**Material 3 Desc:**  
**Formation Top Depth:** 68.0  
**Formation End Depth:** 130.0  
**Formation End Depth UOM:** ft

**Annular Space/Abandonment  
Sealing Record**

**Plug ID:** 933111130  
**Layer:** 1  
**Plug From:** 8.0  
**Plug To:** 26.0  
**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:** 71.0

**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pumping Test Method Desc:** PUMP  
**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:** 933484125  
**Layer:** 2  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 124.0  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933484124  
**Layer:** 1  
**Kind Code:** 1  
**Kind:** FRESH  
**Water Found Depth:** 86.0  
**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](#)

This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNR), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active.

**Government Publication Date: Up to Nov 2024**

### **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-May 2025**

### **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-Apr 30, 2025**

### **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 2023**

**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: Oct 2023**

**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-Apr 30, 2025**

**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 -Jul 2025**

**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-Aug 2025**

**Certificates of Property Use:**

Provincial CPU

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

**Government Publication Date: 1994 - Sep 30, 2025**

**Drill Hole Database:**

Provincial [DRL](#)

The Ontario Drill Hole Database (ODHD) is offered by the Province of Ontario's Ministry of Mines. The dataset contains information for over 164,000 percussion, overburden, sonic and diamond-drill holes. The presence of assay results with cutoff values for gold, silver, copper, zinc, lead, nickel and platinum group elements is noted. Drill hole data are compiled from assessment files that have been submitted to the ministry in accordance with the Ontario Mining Act (OMA). Source assessment file numbers are captured for cross reference with the Ontario Assessment File Database (OAFD). 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. 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 - Jul 2025**

**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: Oct 2023**

**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 - Sept 31, 2025**

**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, 2025**

**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 - Sept 31, 2025**

**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-Apr 30, 2025**

**Environmental Issues Inventory System:**

Federal [EIIS](#)

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

**Government Publication Date: 1992-2001\***

**Emergency Management Historical Event:**

Provincial **EMHE**

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

**Government Publication Date: Apr 30, 2022**

**Environmental Offenders Registry:**

Federal **EOR**

The Environmental Offenders Registry, enforced by Environment and Climate Change Canada and Parks Canada, tracks corporations convicted under specific federal environmental laws. The registry includes corporate convictions resulting from court proceedings. Court prosecutions are one of several enforcement measures used when violations or potential violations are detected. Other measures like tickets, warning letters, or compliance orders may also be employed to restore compliance. Although not affected by the Environmental Enforcement Act, convictions obtained by Environment and Climate Change Canada under the Species at Risk Act and the Pollution Prevention Provisions of the Fisheries Act are also included.

**Government Publication Date: Mar 31, 2025**

**Environmental Penalty Annual Report:**

Provincial **EPAR**

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment, Conservation and Parks (MECP). These reports provide information on environmental penalties for land or 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, 2024**

**Excess Soil Registry:**

Provincial **ESNR**

The Excess Soil Registry is made available by the Resource Productivity and Recovery Authority (RPPRA). Excess soil is soil dug up mainly during construction and excavation activities that must be removed from the development site because it cannot or will not be reused. The Minister of the Environment, Conservation and Parks directed the RPPRA to establish and maintain the Excess Soil Registry, enabling regulated parties to comply with registration and filing notice requirements, the ministry to access data, and the public to view information from those filings. From January 1, 2023, construction and development project leaders, as well as operators and owners of soil Reuse Sites, and Residential Development Soil Depot sites, must file notices detailing how excess soil is reused and disposed of in compliance with Ontario's Excess Soil Regulation.

**Government Publication Date: Aug 31, 2025**

**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: Oct 2023**

**Federal Convictions:**

Federal **FCON**

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

**Government Publication Date: 1988-Jun 2007\***

**Contaminated Sites on Federal Land:**

Federal **FCS**

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

**Government Publication Date: Jun 2000-Sep 2025**

**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: Oct 31, 2021**

**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: Oct 2023**

**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. As of January 1, 2023, businesses and institutions subject to the amended Reg. 347: General – Waste Management are required to report their activities and pay fees through Resource Productivity & Recovery Authority (RPRA) online Hazardous Waste Program Registry (HWPR) rather than the Hazardous Waste Information Network (HWIN) system previously operated by the Ministry of the Environment, Conservation and Parks (MECP). 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-Mar 31, 2025**

**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-Feb 2025**

**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\***

**Historical Business Activity Risk:**

Federal

HIST RISK

Proprietary list of sites identified as potentially having engaged in business activity that poses a higher-than-normal risk of contamination. Records originate from historical city directories, and are included in this list based on broad business categories Potentially Hazardous Chemical Users and Fuel and Automotive, including but not limited to Dry Cleaners and Fuel Stations, Garages, etc. Inclusion in this list does not indicate that there is or ever has been contamination; rather, sites are included in this list due to their potential for having engaged in a business activity presenting an elevated risk of contamination. The list was compiled from various city directories including BC Directories, Hendersons, Mights, Sun Directories, Vernons, and Wrights; spanning roughly 1920s through 1960 depending on information available by city.

This list is currently limited to sites as reported in the following provinces: Alberta, British Columbia, Saskatchewan.

**Government Publication Date: 1920s - 1960**

**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: 31 Oct, 2023**

**Landfill Inventory Management Ontario:**

Provincial

LIMO

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

**Government Publication Date: Mar 31, 2022**

**Canadian Mine Locations:**

Private

MINE

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

**Government Publication Date: 1998-2009\***

**Mineral Occurrences:**

Provincial

MNR

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

**Government Publication Date: 1846-Feb 2025**

**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 Conservation and Parks (MECP) 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. MECP publicly releases the Environmental Compliance Report (ECR) on the Ontario Data Catalogue. In Ontario, all facilities with regulated wastewater discharges or air emissions under the Ontario Water Resources Act and the Environmental Protection Act must monitor and report any cases where approved operating limits have been exceeded.

**Government Publication Date: Dec 31, 2023**

**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-Nov 2023**

**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-Jul 31, 2025**

**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

NPR2

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

**Government Publication Date: Feb 2024**

**National Pollutant Release Inventory - Historic:**

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. This data holds historic records; current records are found in NPR2.

**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, 2025**

**Ontario Oil and Gas Wells:**

Provincial OOGW

In 1998, the Ministry of Natural Resources (MNR) handed over to the Ontario Oil, Gas and Salt Resources (OGSR) 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 includes well owner/operator, location, permit issue date, and well cap date, license number, 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 provided for each well record.

**Government Publication Date: 1800-May 2025**

**Inventory of PCB Storage Sites:**

Provincial OPCB

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

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

**Orders:**

Provincial ORD

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

**Government Publication Date: 1994 - Sep 30, 2025**

**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 - Sept 31, 2025**

**Ontario PFAS Spills:**

Provincial PFAS

This specific list of spills includes those incidents where one or more of the listed contaminants are identified in the PFAS Structure List and/or PFAS Chemicals Without Explicit Structure List made available by the United States Environmental Protection Agency (US EPA), is originally sourced from the Ministry of the Environment, Conservation and Parks spills related data. 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.

**Government Publication Date: 1988-Jun 2024; Aug 2024; Oct-Nov 2024**

**NPRI Reporters - PFAS Substances:**

Federal PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

**Government Publication Date: Feb 2024**

**Potential PFAS Handlers from NPRI:**

Federal PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

**Government Publication Date: Feb 2024**

**Pipeline Incidents:**

Provincial [PINC](#)

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

**Government Publication Date: Feb 28, 2021**

**Potential PFAS Handlers from EASR:**

Provincial [PPHA](#)

The Ontario Environmental Activity and Sector Registry (EASR), described in Ontario Regulation 245/11, allows businesses with less complex operations - and hence not requiring an Environmental Compliance Approval - to register their activities with the Ontario Ministry of the Environment, Conservation and Parks (MECP). This list of potential PFAS handlers includes those EASR facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used.

**Government Publication Date: Jun 30, 2024**

**Private and Retail Fuel Storage Tanks:**

Provincial [PRT](#)

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

**Government Publication Date: 1989-1996\***

**Permit to Take Water:**

Provincial [PTTW](#)

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

**Government Publication Date: 1994 - Sep 30, 2025**

**Ontario Regulation 347 Waste Receivers Summary:**

Provincial [REC](#)

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

**Government Publication Date: 1986-1990, 1992-2021**

**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 clean-up 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). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

**Government Publication Date: 1997-Sept 2001, Oct 2004 - 31 Oct, 2025**

**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-Apr 30, 2025**

**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 by 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.

**Government Publication Date: 1988-Jun 2024; Aug 2024; Oct-May 2025**

**Wastewater Discharger Registration Database:**

Provincial

[SRDS](#)

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of 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.

**Government Publication Date: 1990-Dec 31, 2023**

**Anderson's Storage Tanks:**

Private

[TANK](#)

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

**Government Publication Date: 1915-1953\***

**Transport Canada Fuel Storage Tanks:**

Federal

[TCFT](#)

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

**Government Publication Date: 1970 - Apr 2024**

**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: Feb 28, 2022**

**Waste Disposal Sites - MOE CA Inventory:**

Provincial

[WDS](#)

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

**Government Publication Date: Oct 2011 - Sept 31, 2025**

**Waste Disposal Sites - MOE 1991 Historical Approval Inventory:**

Provincial

[WDSH](#)

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

**Government Publication Date: Up to Oct 1990\***

**Water Well Information System:**

Provincial

[WWIS](#)

This database consists of information submitted by well contractors detailing 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. The database is provided by the Ontario Ministry of Environment, Conservation and Parks.

**Government Publication Date: Jul 31, 2025**

# 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**



# PATERSON GROUP

solution oriented engineering

## Christopher Green

### Junior Environmental Inspector

Christopher Green joined Paterson Group in May 2021 as a Field Technician in the Materials Testing Division. Chris received his Bachelor of Geography with a Major in Economics in 2016 from The University of Ottawa. He earned an Environmental Management and Assessment Diploma in 2021 from Algonquin College. Chris has over 5 years of experience in the areas of asphalt, concrete, and soils, and has provided testing inspections and consultations to many contractors, developers and homeowners in Ottawa and surrounding areas. Christopher joined the Environmental Division within Paterson Group in November 2024. In his time in the environmental department, Chris has been involved primarily in residential and commercial development projects within the National Capital Region. His scope of work consists of conducting Phase I Environmental Site Assessments (ESAs) to CSA standards, soil testing and supervision of excess soils programs, conducted various environmental and geotechnical subsurface field investigations, contaminated soil and groundwater field sampling, supervising the remediation of contaminated sites, and ensuring compliance to applicable regulatory standards, memorandum and letter reporting.

#### EDUCATION

Environmental Management and Assessment,  
Diploma, 2022 Algonquin College, Ottawa, ON  
Algonquin College, Ottawa, ON

Bachelor of Geography, with a Major in Economics,  
2016 University of Ottawa, Ottawa, ON

#### YEARS OF EXPERIENCE

With Paterson: 3+

#### OFFICE LOCATION

9 Auriga Drive, Ottawa, Ontario, K2E 7T9

#### SELECT LIST OF PROJECTS

- Halfmoon Bay Subdivision – Ottawa, ON
- The Ridge Subdivision – Ottawa, ON
- Riverside South Subdivision – Ottawa, ON
- Mahogany Subdivision – Manotick, ON
- Hard Rock Ottawa – Casino Expansion – Ottawa, ON
- PCL/ ED Joint Venture: 930 Carling Avenue, Ottawa, ON - The Ottawa Hospital: Environmental Subsurface Investigations, Excess Soils Testing, Excess Soil Supervision, & Collections and testing of Hazardous Building Materials
- Uniform Developments: 335 Roosevelt Avenue, Ottawa, ON. – Environmental and Geotechnical Subsurface Investigation, Soil and Groundwater Sampling
- CLV Group: 333 Metcalfe Street, Ottawa, On, Collection and testing of Hazardous Building Materials
- CSA Phase I Environmental Site Assessments (ESAs) – Various Sites, Eastern Ontario

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## **PROFESSIONAL EXPERIENCE**

### **2024 to present, Junior Environmental Inspector, Paterson Group, Ottawa, Ontario**

- Conducting Phase I Environmental Site Assessments in accordance with CSA standards and O.Reg. 153/04.
- Responsible for the application of environmental, hydrogeological, and/or geotechnical principles and practices in the identification and delineation of soil and groundwater contamination plumes while ensuring compliance with federal, provincial, and/or municipal legal and regulatory requirements.
- Presenting analytical test results, interpretations, assessments, recommendations and/or conclusions in a final technical report.
- Field experience in the supervision of drilling and excavation contractors, soil and rock classification, soil and groundwater field sampling, as well as the collection of hazardous building materials and designated substances.
- Coordination and on-site supervision of soil remediation activities for contaminated sites.
- Liaising with clients, and contractors.
- Coordination of contractors while directly reporting to intermediate and senior management to ensure completion of project on schedule and within budget;

### **2021 to November 2024, Field Technologist, Materials Testing, Paterson Group, Ottawa, Ontario**

- Geotechnical investigations include test pitting programs for various types of subsurface soils investigations.
- Prepares geotechnical investigation reports and slope stability analysis with accompanying recommendations.
- Field inspections and material testing include but not limited to compaction, proof rolling, concrete testing, mortar/grout testing, subgrade reviews, bearing medium evaluations, bearing surface inspections, rebar inspections, both footings and walls, and asphalt sampling.
- Specialty testing such as, excavation reviews, thermocouple installation and readings, Schmidt hammer testing, granular sampling, light weight fill, and crack monitoring.



# PATERSON GROUP

solution oriented engineering



## **Mark S. D'Arcy, P.Eng., QP<sub>ESA</sub>** **Director – Environmental Division**

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 MECP

Ontario Society of Professional Engineers

Consulting Engineers of Ontario

### **YEARS OF EXPERIENCE**

With Paterson: 33

### **OFFICE LOCATION**

9 Auriga Drive, Ottawa, Ontario, K2E 7T9

### **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)
- Monitoring Landfills for River Valley, Kipling and Lavigne (Senior Project Manager)
- Block D Lands – Brownfields Project - Kingston

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## PROFESSIONAL EXPERIENCE

### 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.