AllRock Consulting Ltd

Phase I Environemental Site Assessment

2500 Palladium Drive, Unit #4
Ottawa, Ontario

Prepared For:

Ken White Construction Limited
2405 March Road,
Carp, ON K0A 1L0

August 29, 2025
AllRock File: 25191

AllRock Consulting Ltd.
174 Colonnade Road South,
Unit #35 Ottawa, ON K2E 7J5

Version 1.0

Phase I Environmental Site Assessment

2500 Palladium Drive, Unit #4, Ottawa, Ontario

Project No.: 25191

August 29, 2025

Prepared by:

Erum Syed, B.Sc. Hons
Environmental Technician
416.432.6974
erum.syed@allrockconsulting.com

Reviewed by:

Nathan Martin, B.Eng.
Environmental Project Manager
613.371.3442
nathan.martin@allrockconsulting.com

Reviewed by:

Gene Lee, P.Eng., QP_{ESA}
Environmental Engineer
709.426.0528
gene.lee@allrockconsulting.com

EXECUTIVE SUMMARY

AllRock Consulting Limited (AllRock) was retained by Ken White Construction Limited (Client) to conduct a Phase I Environmental Site Assessment (ESA) of the property located at 2500 Palladium Drive, Unit #4, Ottawa, Ontario (hereinafter referred to as the 'Site'). The Site is currently vacant, with a proposed development of a commercial auto prep shop.

AllRock was advised by Client that the purpose of the Phase I ESA was to assess actual or potential issues of environmental concern at the Site. It is AllRock's understanding that this Phase I ESA is required as part of the due diligence requirements in relation to the proposed development of the Site.

The Phase I ESA carried out by AllRock was completed in general accordance with the Canadian Standards Association (CSA) document entitled "*Phase I Environmental Site Assessment, CSA Standard Z768-01*" dated November 2001 (reaffirmed 2016). The scope of work for the Phase I ESA consisted of a review of readily available historical information, an examination of regulatory records, a reconnaissance of the Site, interviews, a review of surrounding properties (within a 250-meter 'study area'), an evaluation of information and the preparation of a report outlining evidence of actual or potential issues of environmental concern at the Site. The Phase I ESA does not include physical sampling or testing and is based solely on visual observations and a review of available or supplied factual data.

Based on the findings of the Phase I ESA completed by AllRock, ten (10) potentially contaminated activities (PCAs) were identified. Four (4) of which were assessed as having a potential to result in subsurface impacts at the Site. A summary of the identified potential subsurface impacts and associated contaminants of potential concern (COPCs) is provided below:

PCA No.	PCA	Location of PCA	COPC	Media Potentially Impacted (Groundwater, soil and/or sediment)
30-1	Fill material was identified on-Site for preliminary Site works.	On-Site	PHCs, VOCs, PAHs, Metals and ORPs	Soil
40-1	It is inferred historical agricultural activities involved large-scale application of pesticides.	On-Site	Metals, ORP, OCs	Soil
N/S1-1	It is anticipated that seasonal de-icing salts would be used for pedestrian and/or vehicular safety along the adjacent Autopark Private Road	Adjacent north (Transgradient)	EC, SAR, Na, Cl	Soil and Groundwater

PCA No.	PCA	Location of PCA	COPC	Media Potentially Impacted (Groundwater, soil and/or sediment)
N/S1-2	It is anticipated that seasonal de-icing salts would be used for pedestrian and/or vehicular safety along the Palladium Drive	20 m southwest (Transgradient)	EC, SAR, Na, Cl	Soil and Groundwater

Legend:

PHCs – Petroleum Hydrocarbons in the F1-F4 fraction range
PAHs – Polycyclic aromatic Hydrocarbons
VOCs – Volatile organic compounds, including benzene, toluene, ethylbenzene, and xylenes (BTEX), bromomethane, and trihalomethanes (THMs);
Metals – O. Reg. 153/04 metals, including hydride forming metals
ORP – Other Regulated Parameters, including hot water-soluble boron (HWS-B), cyanide (CN-), electrical conductivity (EC), hexavalent chromium (CrVI), mercury (Hg), pH, and sodium adsorption ratio (SAR)
OCs – Organochlorine Pesticides
Na –Sodium in groundwater
Cl – Chloride in groundwater
PCA 30 – Importation of Fill Material of Unknown Quality
PCA 40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
N/S1– Not Specified PCA related to Salt Application

Based on the findings of this Phase I ESA, AllRock recommends completing a subsurface investigation (Phase II ESA) at the Site.

TABLE OF CONTENTS

LIST OF TABLES

LIST OF APPENDICES

1 INTRODUCTION

AllRock Consulting Limited (AllRock) was retained by the Ken White Construction Limited (Client) to conduct a Phase I Environmental Site Assessment (ESA) of the property located at 2500 Palladium Drive, Unit #4, Ottawa, Ontario (hereinafter referred to as the 'Site').

The purpose of the Phase I ESA was to identify actual or potential environmental concerns at the Site, including potentially contaminating activities (PCAs) within the Site and surrounding properties. For the purpose of this Phase I ESA, the Study Area is the area within a 250 m radius of the Site boundaries.

It is AllRock's understanding that this Phase I ESA is required as part of the due diligence requirements in relation to the proposed development.

1.1 Scope of the Investigation

The Phase I ESA carried out by AllRock was completed in general accordance with the Canadian Standards Association (CSA) document entitled "*Phase I Environmental Site Assessment, CSA Standard Z768-01*" dated November 2001 (reaffirmed 2016). This report will not satisfy the requirements for the submission of a Record of Site Condition (RSC) in accordance with Ontario Regulation 153/04 (as amended).

The scope of work for the Phase I ESA included the following:

- Review readily available historical information and examine regulatory records;
- Contact government agencies regarding the status of the Site with respect to their files, to identify any tank registrations, incident reports, fuel oil spills or any other relevant information with respect to the Site;
- Review and evaluate documents provided from the Client or Site Representative;
- An environmental database review completed by Environmental Risk Information Services Ltd. (ERIS) covering the Site and the Phase I Study Area;
- Conduct a Site reconnaissance and interview person(s) knowledgeable of the Site; and
- Prepare a report based on the above, outlining evidence of actual or potential issues of environmental concern at the Site.

2 SITE SETTING

2.1 Location and Physical Description

The Site is an irregular shaped vacant parcel with an area of approximately 4.5 acres (19,000 square meters (m^2)) located at 2500 Palladium Drive, Unit #4 located in Ottawa, Ontario. The Site is currently vacant undeveloped land. The proposed scope of work involves the development of

commercial auto prep shop. The Site and surrounding area predominately consist of commercial land uses. Figures of the Site and surrounding area are included in ***Appendix A***.

2.2 Topographic, Geological and Hydrogeological Conditions

A summary of the topography of the Site and surrounding areas, as well as relevant geological and hydrogeological information are included in the following table:

Table 2-1: Topographic, Geological and Hydrogeological Condition Summary

Subject	Description
Topography of the Site and Surrounding Area	The ground surface elevation of the site is approximately 102.88 m above sea level (masl), based on information from the ERIS Physical Setting Report (PSR).
Fill Materials	The majority of the Site comprised of granular fill within the northeast and central portion of the Site. A berm of inferred reworked native soil and topsoil is present at the west boundary of the Site.
Subsurface Soils	According to the 2025 AllRock Geotechnical Report (as further discussed in section 3.4), the subsurface conditions generally consist of granular fill with a thickness of approximately 0.75 meters. Below the granular fill, a silty clay layer was encountered at all borehole locations and extended to the termination depth of the borehole at 7 meters below ground surface (mbgs).
Bedrock Type	Based on the Bedrock Geology of Ontario map, the bedrock at the Site is underlain by formations from the Upper Ordovician epoch of the Paleozoic Era, specifically including the Shadow Lake Formation, Ottawa Group, and Simcoe Group. The bedrock consists of Limestone, dolostone, shale, arkose, and sandstone
Inferred Depth to Bedrock	The approximate depth to bedrock is unknown at the Site; however, based on ERIS well records, grey to white granite or limestone bedrock was encountered in the surrounding area between approximately 4.0 to 11.0 mbgs.
Inferred Depth to Groundwater	Based on the 2025 AllRock Geotechnical Investigation Report, water levels were measured at a depth of approximately 1.9 mbgs.
Nearest Open Water Body	Carp River is located approximately 450 meters north-northeast from the Site.
Inferred Groundwater Flow Direction	North to northeast towards the Carp River.

3 HISTORICAL RECORDS REVIEW

3.1 Aerial Photographs

AllRock contacted Environmental Risk Information Services Ltd. (ERIS) to obtain aerial photographs for the Site and surrounding area. Copies of aerial photographs dated 1945, 1959,

1964, 1976, 1987, 1991, and 2023, were provided by ERIS and reviewed. In addition, AllRock reviewed copies of satellite imagery dated 2008, 2013 2017, and 2025 as obtained from Google Earth™. A summary of inferred information with respect to the Site is provided in the following table:

Table 3-1: Aerial Photographs Summary for the Site and Study Area

Year	Site	Study Area
1945	The Site appears to consist of vacant agricultural land, with a strip of trees extending across the property from the southwest to the northeast. Additionally, a wooded area is present at the eastern corner of the Site.	The Study Area comprises of primarily agricultural fields to the north, west, and east. Areas of denser vegetation and wooded cover are observed to the south and southwest of the Site.
1959	Similar to 1945.	Similar to 1945.
1964	Similar to 1959.	Similar to 1959.
1976	Similar to 1964. The wooded area at the eastern corner appears to have been cleared.	Similar to 1964, beyond the agricultural land, rectangular patches cleared of vegetations are observed to the southwest and northwest of the Site.
1987	Similar to 1976, the southwest portion of the Site appears to have been cleared of trees and vegetation.	Similar to 1976, to the northwest, area appears to be developed with roadway similar in location and orientation of present-day Trans-Canada Highway
1991	Similar to 1987.	The northern, western, and eastern portions of the Study Area have been cleared of trees and other vegetation.
2008	Similar to 1991, the Site remains largely cleared with grass cover; however, linear tree planting is evident along the southern boundary.	New commercial developments mostly associated with automotive dealerships are apparent. there are more visible infrastructure features such as driveways, outbuildings, and field drainage patterns. To the south, area appears to be developed with roadway similar in location and orientation of present-day Palladium Drive. Adjacent north is a roadway similar in location and orientation of present-day autopark private road is apparent, followed by a new commercial building similar to present-day Kanata Mazda. Adjacent east quadrant is developed with a parking lot associated present-day Capital Dodge commercial building. To the west is vacant land.

Table 3-1: Aerial Photographs Summary for the Site and Study Area

Year	Site	Study Area
2013	Similar to 2008.	Similar to 2008, the most significant change is development of new automotive dealership similar to present-day Myers Kanata Volkswagen is evident.
2017	Similar to 2013. However, a rectangular patch with visible signs of grading but no completed structures indicating it may still be designated for future development is apparent, starting from the northern and eastern boundaries of the site and extending towards the center, continuing in a southward direction.	Similar to 2013, to the north, new commercial development associated with present-day Nissan Ottawa West Service Centre is evident.
2023	Similar to 2017.	The west, north and northwest quadrants remain fully commercialized, with continued expansion of automotive dealerships. the south and adjacent west portion remains largely vacant, still consisting of cleared land with visible signs of grading but no completed structures, indicating it may still be designated for future development.
2025	Similar to 2023.	Similar to 2023.

3.2 Verisk Information Intelligence

AllRock contacted Verisk Information Intelligence (Verisk) to obtain copies of Fire Insurance Plans pertaining to the Site and surrounding area. Verisk provided a written response dated July 3, 2025, indicating there were no records on-file for the Site and Study Area.

A copy of Verisk's report is provided in ***Appendix D***.

3.3 City Directories

AllRock obtained city directories from ERIS for the Site and surrounding area. AllRock notes that no city directories were available for the Site or surrounding area 1991 or subsequent to 2024. Based on AllRock's review of the provided information, no City Directories were available for the Site. A summary of the pertinent information within the Study Area are provided in *Table 3-2,* below:

Table 3-2: Summary of City Directory Findings

Address	Approximate Distance / Direction (m)	Operation	PCA Item #
2500 Palladium Drive, Unit #1200	Adjacent east	Capital Dodge/Capital Dodge Chrysler Jeep – Automotive Repair and Dealership from 2012 to 2024	10 – 1
2500 Palladium Drive, Unit #901	75 m north-northwest	Kanata Nissan – Automobile Dealership from 2023 to 2024	10 – 2
2500 Palladium Drive, Unit #501	165 m north	Assured - Myers Volkswagen – Automobile Body Repairing & painting from 2017 to 2024	10 – 3
2500 Palladium Drive, Unit #301	170 m north-northeast	Kanata Mazda – Automobile Dealership from 2017 to 2024	10 – 4
2500 Palladium Drive, Unit #800	160 m northwest	Kanata Honda – Automobile Dealership from 2017 to 2024	10 – 5

Note:
#10 – Commercial Autobody Shops

Additional commercial properties mostly operating as automotive dealership were identified in the CD's database, however, based on the distance between these properties and the Site, as well as the inferred groundwater flow direction, these properties are unlikely to result in potential subsurface impact at the Site.

3.4 Previous Reports

No previous environmental reports were provided for AllRock's review; however, AllRock prepared a report entitled "Geotechnical Investigation Report, 2500 Palladium Drive, Ontario" for PRITEC Management, and dated April 17, 2025 (2025 AllRock Geotech Report).

On February 27, 2025, three (3) boreholes, numbered BH1-25 to BH3-25, were advanced to a depth of 7 mbgs, one (1) of which, was installed with a monitoring well. The subsurface conditions generally consisted of a layer of granular fill with a thickness of approximately 0.75 meters. Below the granular fill, a silty clay layer was encountered at all borehole locations and extended to the termination depth of the borehole at 7 mbgs. A monitoring well was installed as part of this investigation. However, it had become flooded from surface water, so water levels were not obtained. During the drilling investigation, it was noted that the soil became saturated at a depth of approximately 4 mbgs. Groundwater levels may be higher during wet periods of the year such as the early spring or following periods of precipitation. It is noted that the flooding on site could be indicative of poor drainage, and this may lead to extra efforts for dewatering purposes.

4 REGULATORY RECORDS REVIEW

4.1 Site Regulatory Information

AllRock requested copies of permits, Certificates-of-Approvals and Environmental Compliance Approvals relating to the Site; however, the Site Representative reported that there is no regulatory information pertaining to the Site.

4.2 Technical Standards & Safety Authority

A request for information pertaining to the Site was submitted to the Technical Standards & Safety Authority (TSSA). The TSSA maintains a database containing incidents and occurrence reports, the presence, specifications and permitting of petroleum storage tanks and environmental reports. Based on the response from TSSA on June 17, 2025, no records were available for the Site.

A copy of AllRock's request to the TSSA is provided in ***Appendix C*** in this report.

4.3 Ministry of the Environment, Conservation and Parks

A Freedom of Information (FOI) Request was submitted to the MECP for information on file with respect to the Site. The MECP maintains a database containing environmental concerns, orders, chemical spills and/or leaks at the Site, Certificates of Approvals, Environmental Compliance Approvals (ECAs), and other environmental issues that may have impacts the Site's condition. The MECP has indicated that additional time is required to process the request, and a response is expected by *October 1, 2025*. When a response is received, the information will be reviewed by AllRock and, if any evidence of actual or potential issues of environmental concern are noted, a copy of the response will be forwarded to Client under a separate cover. Our conclusions and recommendations may be amended based on this information. A copy of AllRock's request to MECP is provided in ***Appendix C*** of this report.

4.4 Historic Land Use Inventory (HLUI)

A HLUI report was requested from the City of Ottawa to obtain information on past land use activities at the Site and in the surrounding area. The purpose of the HLUI is to identify types and locations of historical land uses that may have the potential to cause contamination of soil, groundwater, or surface water within the City of Ottawa.

At the time of writing this report, no response has been received by the City of Ottawa. When a response is received, the information will be reviewed by AllRock and, if any evidence of actual or potential issues of environmental concern are noted, a copy of the response will be forwarded to Client under a separate cover. Our conclusions and recommendations may be amended based on this information.

4.5 Environmental Risk Information Service Ltd.

AllRock submitted a request to ERIS for a review of all federal, provincial, and private source databases relating to the Site and Study Area. A copy of the ERIS report is provided in ***Appendix E*** of this report.

Based on AllRock's review of the ERIS report, no records were identified for the Site, and thirty-four (34) were identified for the Study Area.

A summary of the notable findings within the Study Area are provided below in *Table 4-1*:

Table 4-1: ERIS Summary of Study Area Findings

Database	Location	Municipal Address	Summary
N/S2-1	2500 Palladium Drive, Unit #200	70 m north-northeast	One (1) record of motor oil spill was recorded in 2016 for Myers Chevrolet Kanata. The source of the release was an equipment failure, resulting in an approximately 10-20 litres spill that impacted land. The exact quantity of the contaminant is not listed.

Note:
N/S2 – Not Specified PCA related to fuel spill

AllRock notes that the majority of records identified for neighbouring properties were related to environmental compliance approvals for automotive dealership operations. Additional records were noted in the ERIS database. However, based on the nature of these records, the distance between the properties and the Site, and the inferred groundwater flow direction, these properties are either downgradient or trans-gradient from the Site. As such, they are unlikely to pose a subsurface impact to the Site.

4.6 Well Records

The Water Well Information System (WWIS) database provided by ERIS, along with records from the MECP Well Records, were reviewed. Based on the information obtained a no wells were identified on-Site, and three (3) wells were located within the Study Area. A summary of the inferred information related to the identified wells within 150 meters of the Site is provided below in Table 4-2:

Table 4-2: ERIS Summary of Monitoring Wells within the Study Area

Well ID (year)	Distance to Site (m)	Intended Well Use	Depth to Bedrock	Depth to Groundwater (mbgs)	Status
1519823 (1985)	41.0	Domestic Water Supply	4.0	19.0	Water Supply
1534471 (2004)	43.0	Domestic Water Supply	11.5	58.0	Water Supply

Table 4-2: ERIS Summary of Monitoring Wells within the Study Area

Well ID (year)	Distance to Site (m)	Intended Well Use	Depth to Bedrock	Depth to Groundwater (mbgs)	Status
1529723 (1997)	143.0	Not Used	Not Provided	Not Provided	Abandoned - Supply

Based on AllRock's review of the provided well records, Well IDs 1519823 and 1534471 appear to be misidentified within the Study Area, as both are located more than 250 m outside the Project Area.

5 SITE RECONNISANCE

5.1 Background

AllRock conducted a Site reconnaissance on July 9, 2025, to visually inspect the Site for the presence of environmental concerns, surface soil staining, hazardous materials, chemicals and waste storage, operations and adjacent properties. The Site reconnaissance was completed by a member of AllRock Nathan Martin under the direction of AllRock's QP overseeing this project. The Site reconnaissance was completed between the hours of 9:00 AM and 12:00 PM under sunny weather conditions (25°C). The reconnaissance was completed on foot and consisted of a walk-through of the Site and Study Area.

At the time of the site reconnaissance, the Site was predominantly vacant and undeveloped, with the exception of an electrical utility cabinet, located in the central portion of the Site.

The Site reconnaissance was documented with field notes and photographs, with selected photographs included in **Appendix B** of this report.

5.2 Site Interviews

AllRock completed a Site reconnaissance on July 9, 2025. As the Site is vacant undeveloped land, a Site Representative interview was not conducted. Historical information was obtained from the records review.

5.3 Site Operations

Based on available records, the Site is not developed and therefore, the Site is not considered an Enhanced Investigation Property. As such operating records were not reviewed as part of this Phase I ESA.

5.4 Chemical Inventory and Hazardous Materials

A summary of chemicals, hazardous materials and compressed gases observed at the time of the Site reconnaissance and as reported by the Site Representative are presented in the following table:

Table 5-1: Chemical and Hazardous Materials Summary

Subject	Observations
Chemicals	None observed.
Hazardous Materials and Waste	None observed.
Compressed Gases	None observed.

5.5 Staining and Stressed Vegetation

No areas of stained soil, or vegetation was observed at the Site.

5.6 Water and Wastewater

A summary of surface water features, wastewater or other liquid discharges observed at the time of the Site reconnaissance are presented in the following table:

Table 5-2: Water and Wastewater Summary

Subject	Observations
Water Source	Not applicable since the Site is undeveloped.
Water Use	Not applicable since the Site is undeveloped. .
Wastewater	Not applicable since the Site is undeveloped.
Subsurface Features	None observed.
Oil/Water Separator	None observed.
Watercourses, Ditches or Standing Water	None observed.
Storm Water	None observed.
Current/Former wells	The former monitoring well, installed during the Geotechnical Investigation, appeared to be in good condition during the site reconnaissance.

5.7 Storage Tanks

No tanks were observed within the Site at the time of the Site Reconnaissance.

5.8 Surrounding Properties

The Site and surrounding area predominately consisted of commercial land uses at the time of the Site reconnaissance. A summary of the adjacent properties and details obtained from publicly accessible areas, are described in the following table:

Table 5-3: Surrounding Properties Summary

Direction	Description	Inferred Groundwater Gradient Relative to the Site	Observable Chemicals or Hazardous Wastes
North	Autopark Private Roadway, followed by a parking lot associated with automotive dealership (Nissan Ottawa West Service center).	Downgradient	None observed.
East	Parking lot associated with an automotive dealership and maintenance garage (Capital Dodge).	Transgradient	None observed.
South	Palladium Drive, followed by vacant land.	Upgradient	None observed.
West	Vacant land, followed by a parking lot associated with automotive dealership (Kanata Honda Ottawa Service center).	Transgradient	None observed.

6 REVIEW AND EVALUATION OF INFORMATION

6.1 Potentially Contaminating Activity

The details and locations of all PCAs that were identified by AllRock at the Site and within the Study Area are summarized in *Table 6-1* below:

Table 6-1: Potentially Contaminating Activities

PCA Designation	Location	Approximate Distance from Site	PCA Description	Potential for Subsurface Impact?
30-1	On-site	-	Fill material may have been used during the development of the Site	Yes
40-1	On-Site	-	It is inferred historical agricultural activities involved large-scale application of pesticides.	Yes
N/S1-1	Autopark Private Roadway	Adjacent north (Transgradient)	It is anticipated that seasonal de-icing salts would be used for pedestrian and/or vehicular safety along the adjacent Autopark Private Road	Yes
N/S1-2	Palladium Drive Roadway	20 m southwest (Transgradient)	It is anticipated that seasonal de-icing salts would be used for pedestrian and/or vehicular safety along the Palladium Drive	Yes
N/S2-1	2500 Palladium Drive, Unit #200	70 m north-northeast (Downgradient)	Eris records indicate approximately 10-20 litres of motor spill that impacted land.	No – based on distance and downgradient position relative to Site
10-1	2500 Palladium Drive, Unit #1200	Adjacent east (Transgradient)	Aerial Photographs, CD records and site reconnaissance indicating presence of Automotive Service Garage since 2008.	No – based on location/distance of service garage from Site (approximately 145 m northeast), downgradient position relative to Site

Table 6-1: Potentially Contaminating Activities

PCA Designation	Location	Approximate Distance from Site	PCA Description	Potential for Subsurface Impact?
10-2	2500 Palladium Drive, Unit #901	75 m north-northwest (Downgradient)	Aerial Photographs, CD records and site reconnaissance indicating presence of Automotive Service Garage since 2017.	No – based on distance and downgradient position relative to Site
10-3	2500 Palladium Drive, Unit #501	165 m North (Downgradient)	Aerial Photographs, CD records and site reconnaissance indicating presence of Automotive Service Garage since 2013.	No – based on distance and downgradient position relative to Site
10-4	2500 Palladium Drive, Unit #301	170 m north-northeast (Transgradient)	Aerial Photographs, CD records and site reconnaissance indicating presence of Automotive Service Garage since 2008.	No – based on distance relative to Site
10-5	2500 Palladium Drive, Unit #800	160 m northwest (Transgradient)	Aerial Photographs, CD records and site reconnaissance indicating presence of Automotive Service Garage since 2008.	No – based on distance relative to Site

Note:
PCA 30 – Importation of Fill Material of Unknown Quality
PCA 40 - Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications
PCA 10 – Commercial Autobody Shops
N/S1– Not Specified PCA related to Salt Application
N/S2 – Not Specified PCA related to fuel spill
CD – City Directory

6.2 Potential Subsurface Impacts

The Potential Subsurface Impacts, as well as their respective PCAs, location, and contaminants of potential concern (COPCs) is summarized in *Table 6-2* below:

Table 6-2: Areas of Potential Subsurface Impacts

PCA No.	PCA	Rationale	Location of PCA	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, soil and/or sediment)
30-1	Importation of Fill Material of Unknown Quality	Fill material may have been used during the development of the Site.	On-Site	PHCs, VOCs, PAHs, Metals and ORPs	Soil
40-1	Pesticides (including Herbicides, Fungicides and Anti-Fouling Agents) Manufacturing, Processing, Bulk Storage and Large-Scale Applications	It is inferred historical agricultural activities involved large-scale application of pesticides	On-Site	Metals, ORP, OCs	Soil
N/S1-1	Application of salt for the purpose of de-icing and public safety	It is anticipated that seasonal de-icing salts would be used for pedestrian and/or vehicular safety along the adjacent Autopark Private Road	On-Site	EC, SAR, Na, Cl	Soil and Groundwater
N/S1-2	Application of salt for the purpose of de-icing and public safety	It is anticipated that seasonal de-icing salts would be used for pedestrian and/or vehicular safety along the Palladium Drive	Southwest Adjacent Property (Upgradient)	EC, SAR, Na, Cl	Soil and Groundwater

Legend:

PHCs – Petroleum Hydrocarbons in the F1-F4 (F1-F4) fraction range
PAHs – Polycyclic aromatic Hydrocarbons
VOCs – Volatile organic compounds
Metals – *O. Reg. 153/04 metals, including hydride forming metals*
OCs – Organochlorine Pesticides
ORP – Other Regulated Parameters, including hot water-soluble boron (HWS-B), cyanide (CN-), electrical conductivity (EC), hexavalent chromium (CrVI), mercury (Hg), Na – Sodium in groundwater, Cl – Chloride in groundwater and sodium adsorption ratio (SAR)

6.3 Special Attention Items

6.3.1 PCBs

Polychlorinated biphenyls (PCBs) were commonly used in transformers, light ballasts, circuit breakers, capacitors, and switch gears as synthetic insulating materials until Canada banned their manufacture and importation in 1977. The ban did not include PCBs that were already in-use for electrical applications and consequently some products manufactured prior to 1977 may contain PCBs. PCB Regulations (SOR/2008-273) came into force on September 5, 2009 (amended 2015) and consists of prohibitions, permitted activities, end-of-use dates, as well as storage, labelling, reports and record requirements. These regulations required the decommissioning of equipment containing PCBs in a concentration greater than 500 milligram/kilogram (mg/kg) in December 2009 and equipment containing PCBs in a concentration of at least 50 mg/kg will be decommissioned by December 31, 2025. Light ballasts, pole top electrical transformers and their pole-top auxiliary electrical equipment containing PCBs with a concentration of 50 mg/kg or more will also be decommissioned by December 31, 2025. Exemptions to the regulation include cables, pipelines, electrical capacitors, and other equipment used in pipelines that transport natural gas, petroleum, or petroleum products. Fusion sealed capacitors in communication or electronic control equipment are also exempt.

Given that the Site is undeveloped, it is unlikely that PCBs are associated with onsite electrical equipment.

6.3.2 UFFI

Urea formaldehyde foam insulation (UFFI) is a low-density foam insulation that was widely used to insulation and retrofitting industrial, commercial, and residential buildings. UFFI was generally injected into wall cavities of existing buildings and was approved for use in Canada from 1977 until 1980. When UFFI is injected into the building envelop it releases an excess of formaldehyde gas which can cause overexposure to building occupants resulting in adverse health effects. Buildings constructed subsequent to 1980 have a low potential to contain UFFI.

Given that the Site is undeveloped and there are no permanent structures onsite, UFFI is not considered an issue.

6.3.3 Lead

Lead was commonly used as an additive in paints prior to 1950 to accelerate drying, increase durability, and make colours vibrant. Removing, repairing or disturbing the paint through normal wear-and-tear can expose individuals to adverse health effects. The Liquid Coating Materials Regulation was enacted under the Hazardous Products Act in 1976 to restrict the lead content of paints and other liquid coatings on furniture and products to 0.5% by weight. Through voluntary action between industry and government the amount of total lead in paints declined to 600 parts per million (ppm) in 1991, and in 2010 the limit was reduced further to 90 ppm. Buildings

constructed subsequent to 1990 have a low potential to contain lead-based paints. Given that the Site is undeveloped and there are no permanent structures onsite, lead-based paint is not considered an issue.

6.3.4 Ozone-Depleting Substances

Chlorofluorocarbons (CFCs) and other ozone depleting substances (ODS) are typically used as refrigerants in rooftop HVAC units and air-conditioning units, as well as commercial and residential refrigeration systems. The main concern of these units is the prevention of leaks and the proper disposal of coolants during decommissioning. At the time of the Site Reconnaissance the bulk storage of CFCs and ODSs was not observed.

6.3.5 Asbestos

Asbestos is a group of naturally occurring minerals that are commonly found in many building construction materials. Asbestos had historically been used because of its tensile strength and resistance to fire, heat, chemicals, and water damage. Production and use of asbestos have declined since the 1970's and was phased out in the 1990's. Regulations prohibiting the import, sale and use of asbestos and products containing asbestos came into effect December 2018.

Friable asbestos relates to a material that can be crumbled or turned to powder by touch, making it release breathable asbestos fibers. Friable asbestos was widely used in but not limited to thermal insulation, pipe lagging, insulation boards, spray on paints, and plasters. Non-friable asbestos relates to materials that have a low risk of inhalation and releasing fibers either due to its nature or being sealed in place. Non-friable asbestos was widely used in but not limited to vinyl floor tiles, vinyl sheet flooring, ceiling tiles, and roofing materials.

A comprehensive inspection for asbestos requires intrusive inspections and testing by an asbestos abatement contractor which is beyond the scope of this Phase I ESA. The Site Representative reported that no asbestos surveys have been conducted at the Site and that an asbestos management plan has not been implemented at the Site.

Given that the Site is undeveloped, it is unlikely that ACMs is present.

6.3.6 Water Damage and Microbial Growth

No indication of water leaks, mould or other microbial growth were seen at the Site. Mould and microbial organisms can lead to structural deterioration of the affected building materials and exposure can contribute to poor indoor air quality and adverse health effects. A comprehensive inspection for mould requires intrusive inspections into walls and/or other cavities to detect the presence of hidden mould growth and in some circumstances air and/or surface testing may be required. Intrusive testing and a mould investigation were beyond the scope of this Phase I ESA.

6.3.7 Radon

Radon is a radioactive gas that is generated from the breakdown of uranium in soil and bedrock. Radon is invisible, odourless and tasteless. When is released from the ground into the outdoor air, it is diluted and not a concern; however, when radon accumulates in an enclosed space, it can cause adverse health effects. The air pressure inside a building is typically lower than that of the soil and the difference in pressure draws air and other gases (including radon) from the soil into the building through any openings (e.g., cracks in foundation floors and walls, construction joints, service pipes, floor drains, etc.). Radon testing was beyond the scope of this Phase I ESA.

7 CONCLUSION AND RECOMMENDATIONS

Based on the findings of the Phase I ESA completed by AllRock, ten (10) PCAs, of which four (4) were identified to result in potential subsurface impacts at the Site.

Based on the findings of this Phase I ESA, AllRock recommends completing a subsurface investigation (Phase II ESA) at the Site.

8 TERMS AND LIMITATIONS

This Phase I ESA Report was prepared for the exclusive use of Ken White Construction Limited. This Phase I ESA was preformed to outline evidence of actual or potential issues of environmental concern for the Site located at 2500 Palladium Drive, Unit #4, Ottawa, Ontario, at the time of the Site reconnaissance. A Phase I ESA performed to the CSA document entitled "*Phase I Environmental Site Assessment, CSA Standard Z768-01*" dated November 2001 (reaffirmed 2016), is intended to reduce, but not necessarily eliminate, uncertainty regarding the potential for contamination of a property. The scope of work for this Phase I ESA did not include tasks for sample gathering, laboratory testing, or intrusive testing of any kind, including but not limited to designated substances, and therefore these materials may be present within concealed areas.

AllRock will not be held responsible for the use of this report by any third party, or reliance on or any decision to be made based on it without the prior written consent of AllRock. Any use a third party makes of this report, or any reliance on or decisions to be made based on it, is the sole responsibility of such third parties. AllRock accepts no liability or responsibility of loss, injury, claim or damages suffered by any third party as a result of decisions made or actions conducted.

The evaluation and conclusions contained within this report have been prepared based on readily available documents, records, and information furnished by individuals noted in the report, at the time of the Site reconnaissance. AllRock has relied in good faith on the information provided and has assumed that information provided is factual and accurate. AllRock accepts no responsibility of any deficiency or inaccuracy in this report as a result of omissions, misstatements, misrepresentation or fraudulent acts of persons interviewed or contacted.

The CSA document entitled "*Phase I Environmental Site Assessment, CSA Standard Z768-01*" dated November 2001 (reaffirmed 2016), does not apply to environmental auditing or environmental management systems. Therefore, with respect to Site operations and conditions, compliance with applicable Federal, Provincial or Municipal acts, regulations, laws and/or statutes was not evaluated as part of the Phase I ESA.

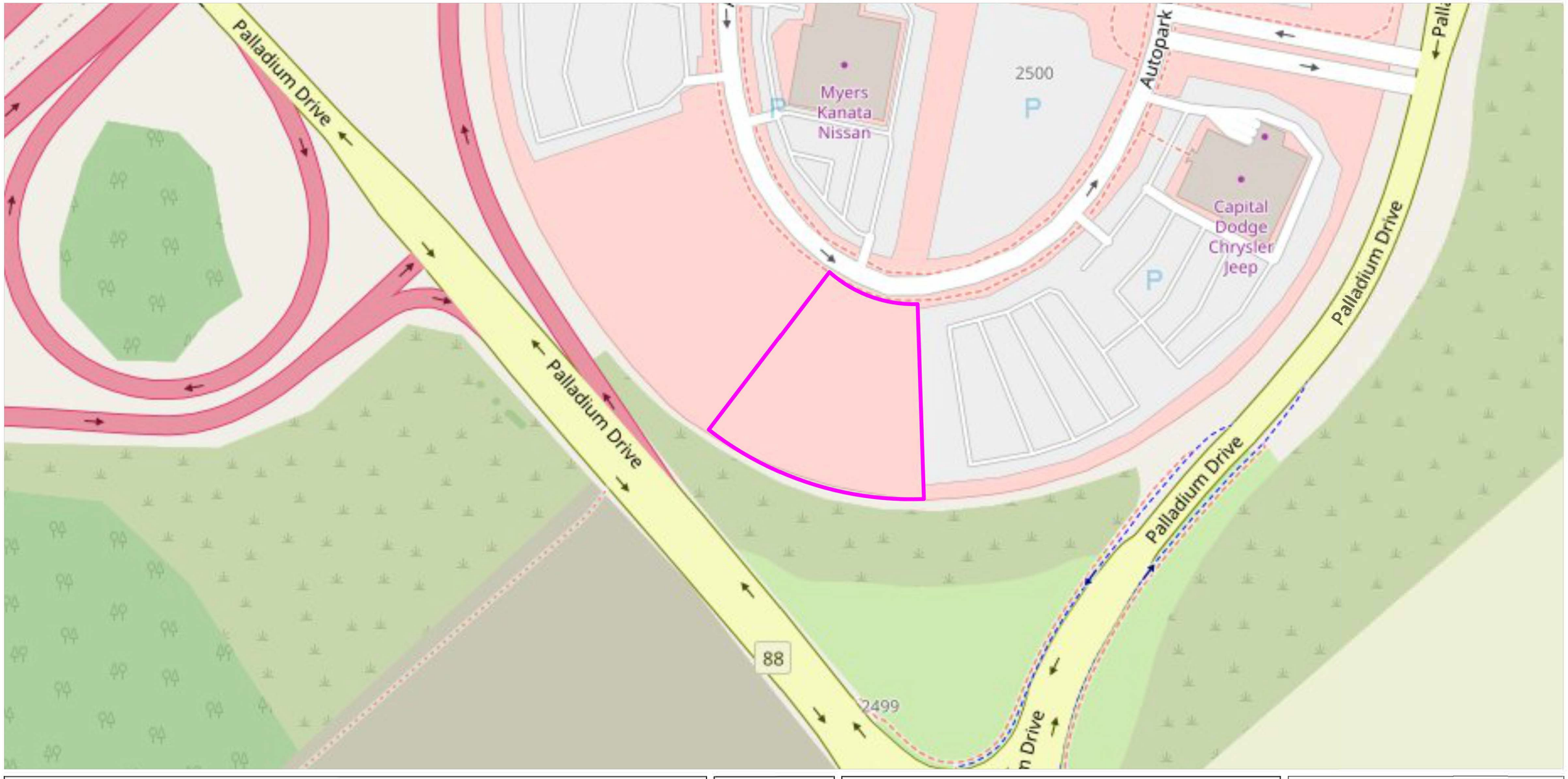
9 REFERENCES

Documents, persons and organizations providing information used in this report are listed below:

1. ERIS report entitled "2500 Palladium Drive, Kanata*",* dated July 3, 2025 (ERIS Project # 25061700539).
2. Enviroscan Report (Verisk) "2500 Palladium Drive, Kanata", dated July 3, 2025 (ERIS Project # 225061700539).
3. Geotechnical Investigation Report, 2500 Palladium Drive, Ontario" for PRITEC Management, and dated April 17, 2025 (2025 AllRock Geotech Report).
4. The Atlas of Canada – Toporama Mapping Tool, Natural Resources Canada
5. Google Earth™
6. Canadian Standards Association (CSA) Standard. *CSA Z768-01, Phase I Environmental Site Assessment*, Canadian Standards Association International, November 2001, reaffirmed in 2016.
7. MECP Brownfields Environmental Site Registry, dated July 20, 2023.
8. Technical Standards & Safety Authority, dated July 20, 2023
9. Ministry of Environment, Conservation, Parks.
10. Library and Archives of Canada, Ottawa.
11. "*Surficial Geology of Northern Ontario",* Ontario Geological Survey, Miscellaneous Release – Data 128 – REV, 2011
12. "*Bedrock Geology of Ontario",* Ontario Geological Survey, Miscellaneous Release – Data 126 – Revision 1, 2011.

APPENDIX A

Figures



LEGEND:

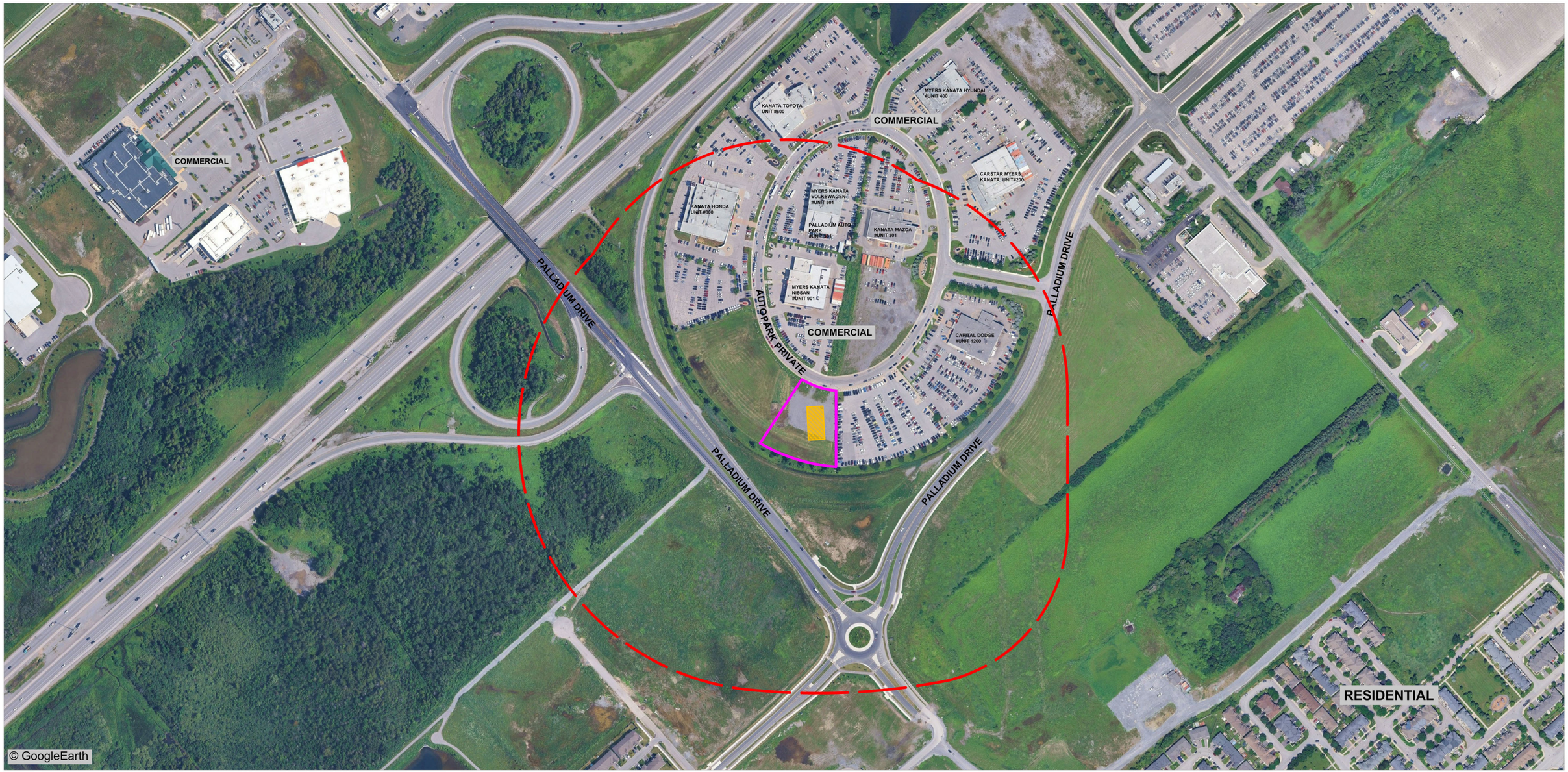
PHASE I SITE

N

FIGURE TITLE:	KEY MAP
PROJECT:	PHASE I ENVIRONMENTAL SITE ASSESSMENT
CLIENT:	KEN WHITE CONSTRUCTION LIMITED
ADDRESS:	2500 PALLADIUM DRIVE UNIT #4, OTTAWA, ON
PROJECT NO: 25191	APPROXIMATE SCALE: NTS

AllRock Consulting Ltd

DATE: AUG 2025	FIGURE NO.: 1
DRAWN BY: ES	CHECKED BY: NM



LEGEND:

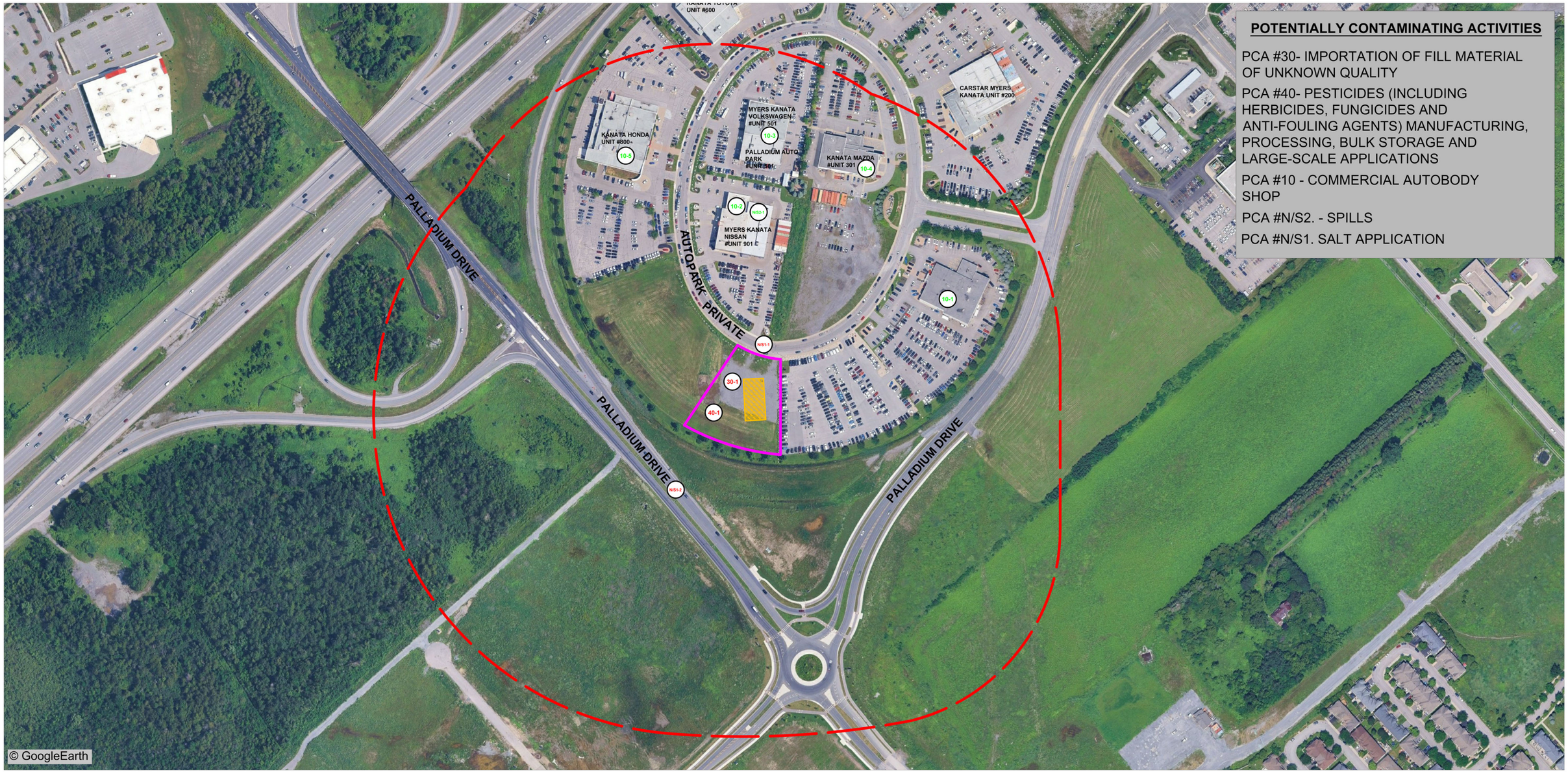
- PHASE I SITE
- PHASE I STUDY AREA
- PROPOSED BUILDING FOOTPRINT

N

FIGURE TITLE:	PHASE I STUDY AREA
PROJECT:	PHASE I ENVIRONMENTAL SITE ASSESSMENT
CLIENT:	KEN WHITE CONSTRUCTION LIMITED
ADDRESS:	2500 PALLADIUM DRIVE UNIT #4, OTTAWA, ON
PROJECT NO:	25191
APPROXIMATE SCALE:	NTS

AllRock Consulting Ltd

DATE: AUG 2025	FIGURE NO.: 2
DRAWN BY: ES	CHECKED BY: NM



POTENTIALLY CONTAMINATING ACTIVITIES

PCA #30- IMPORTATION OF FILL MATERIAL OF UNKNOWN QUALITY

PCA #40- PESTICIDES (INCLUDING HERBICIDES, FUNGICIDES AND ANTI-FOULING AGENTS) MANUFACTURING, PROCESSING, BULK STORAGE AND LARGE-SCALE APPLICATIONS

PCA #10 - COMMERCIAL AUTOBODY SHOP

PCA #N/S2. - SPILLS

PCA #N/S1. SALT APPLICATION

LEGEND:

- PHASE I SITE
- PROPOSED BUILDING FOOTPRINT
- PHASE I STUDY AREA
- (#) PCA (NOT CONTRIBUTING TO SUBSURFACE IMPACT)
- (#) PCA (CONTRIBUTING TO SUBSURFACE IMPACT)

N

FIGURE TITLE:	POTENTIALLY CONTAMINATING ACTIVITIES
PROJECT:	PHASE I ENVIRONMENTAL SITE ASSESSMENT
CLIENT:	KEN WHITE CONSTRUCTION LIMITED
ADDRESS:	2500 PALLADIUM DRIVE UNIT #4, OTTAWA, ON
PROJECT NO:	25191
APPROXIMATE SCALE:	NTS

AllRock Consulting Ltd

DATE: AUG 2025	FIGURE NO.: 3
DRAWN BY: ES	CHECKED BY: NM

APPENDIX B

Site Photographs

Photo 3: View of Nissan dealership from site, facing northwest

Photo 4: Adjacent parking lot associated with Capital Dodge

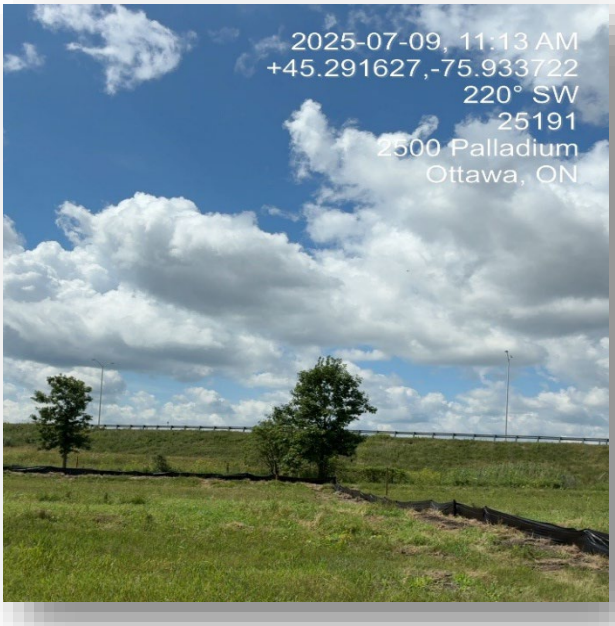


Photo 3: South elevation of the Site

Photo 4: Telecommunications box is present at the northeast portion of the Site

Photo 5: View of Nissan dealership from site, facing northwest

Photo 6: Adjacent parking lot associated with Capital Dodge

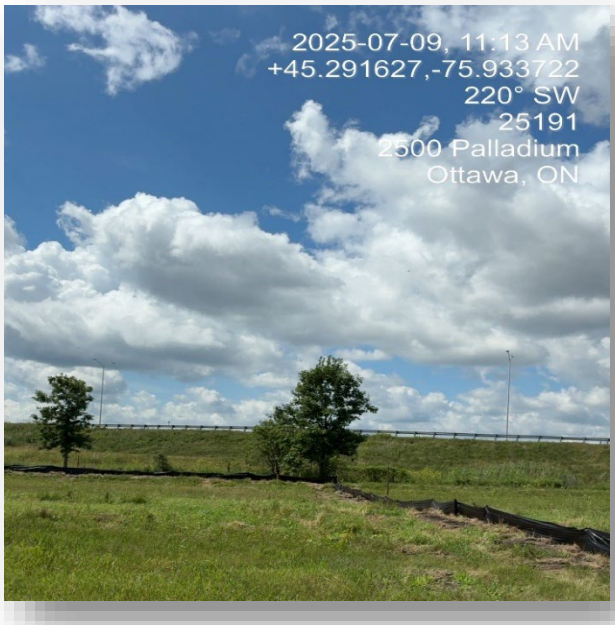


Photo 7: South elevation of the Site

Photo 8: Telecommunications box is present at the northeast portion of the Site

AllRock Consulting Ltd

APPENDIX C

Regulatory Correspondences

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 ministériels
40, avenue St. Clair Ouest
Toronto ON M4V 1M2

Ontario

July 3, 2025

Nathan Martin
AllRock Consulting Ltd
24 Brydon Drive
Toronto, Ontario M9W 5R6
nathan.martin@allrockconsulting.com

Dear Nathan Martin:

RE: MECP FOI A-2025-04068, Your Reference #: 25191 – Extension Letter

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

2500 Palladium Drive, Ottawa

Timeframe: June 1, 1970 to June 18, 2025

Please be assured that we are making every attempt to respond to your request as soon as possible. However, we wish to advise you that we have extended the time for a response in accordance with subsection 27(1)(a) of the Act for an additional **75** days to **October 1, 2025**.

The reason for the extension is that the request necessitates a search through a large number of records, approximately **750 pages**, and meeting the time limit would unreasonably interfere with the operations of the institution. If you would like reduce this extension by narrowing the scope of your request, please contact our office.

The extension provided above is based on a preliminary records search and may change once all searches have been completed. If you disagree with any aspect of the extension or wish to revise / narrow the scope of your request, **please contact us** quoting the request number.

The ministry's Client Services and Permissions Branch (CSPB) has advised that there are inactive records in the Records Centre, Mississauga, and below is a description of these records:

- ECA#, Media type, Proponent name, ECA status, Record location, File storage, Year

- 6396-5PXPCK, Municipal and Private Water Works (MPW), Palladium Auto Park

Ltd., Approved, Offsite, 0446, 2003

- 4120-5PXPAC, Municipal and Private Sewage Works (MPSW), Palladium Auto Park Ltd., Approved, Offsite, 0596, 2003
- 7040-AP7M89, Industrial Sewage Works (ISW), Zena Investment Corporation, Approved, Offsite, 0061, 2017
- 0685-ALTRRP, Industrial Sewage Works (ISW), Tony Graham Motors Limited, Approved, Offsite, 0197, 2017
- 6046-96MLQ8, Industrial Sewage Works (ISW), Zena Investment Corporation, Approved, Offsite, 0094, 2013
- 1419-6ZBP57, Industrial Sewage Works (ISW), Tony Graham Kanata Limited, Approved, Offsite, 0197, 2007
- 6935-63SJJQ, Industrial Sewage Works (ISW), Tony Graham Kanata Limited, Approved, Offsite, 0197, 2007
- 6496-5QVL2U, Industrial Sewage Works (ISW), Palladium Auto Park Ltd., Approved, Offsite, 0061, 2003
- 9453-6PWQHH, Industrial Sewage Works (ISW), Turpin Pontiac Buick Limited, Approved, Offsite, 0046, 2006
- 3546-6VJSN7, Industrial Sewage Works (ISW), Capital Two Investments Limited, Approved, Offsite, 0194, 2006
- 0160-6PGP6M, Industrial Sewage Works (ISW), Vik One Holdings Ltd., Approved, Offsite, 0094, 2006
- 4053-6PEQTF, Industrial Sewage Works (ISW), Turpin Saturn SAAB Limited, Approved, Offsite, 0073, 2006

If you would like us to retrieve these files, please submit a separate request quoting this file number. The $5 application fee will be applied towards any costs incurred with the retrieval of the records from the Records Centre.

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.

Yours truly,

Christian Brodersen

for
Josephine DeSouza
Manager, Access and Privacy Office

AllRock Consulting Ltd

APPENDIX D

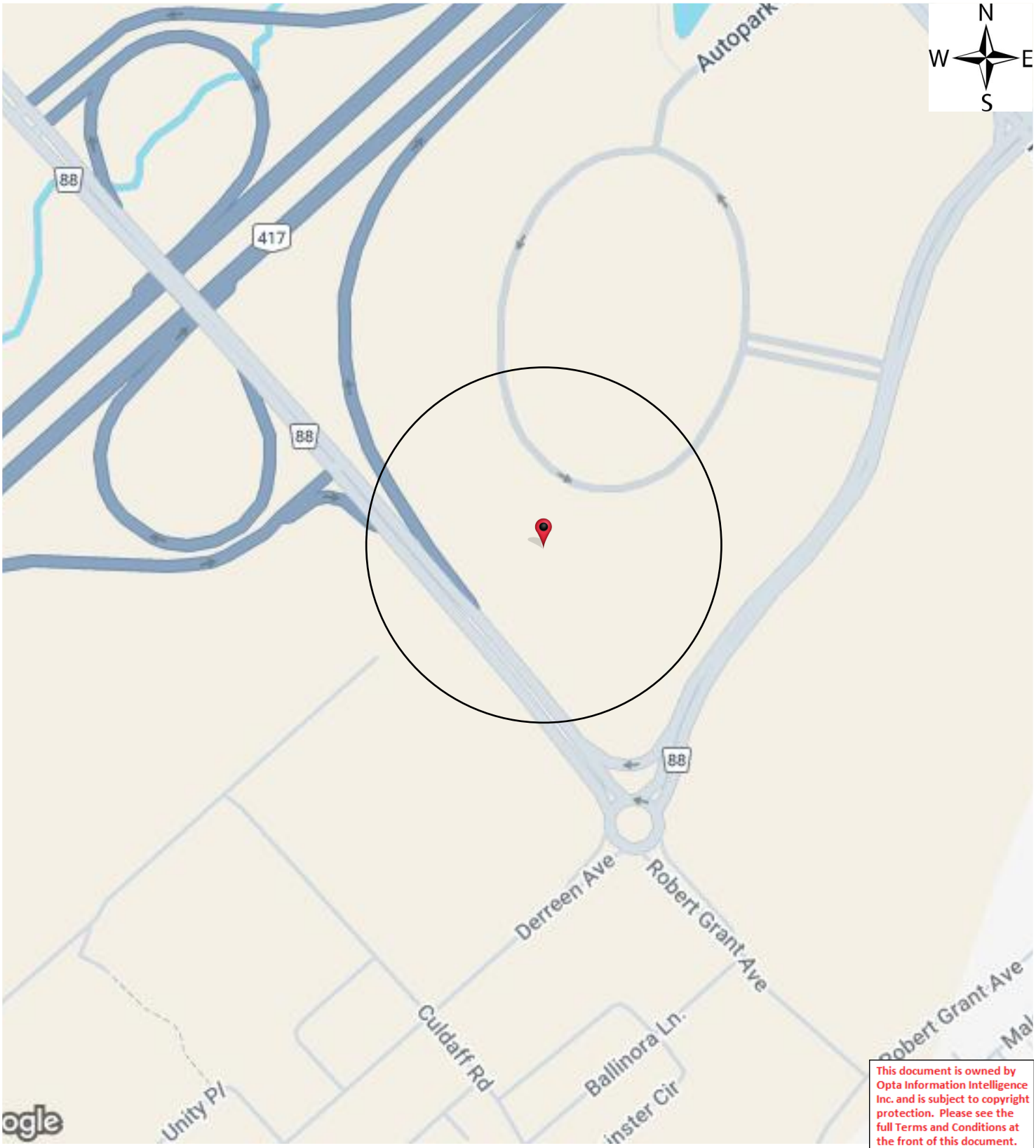
Verisk Information Intelligence

Enviroscan Report

Site address:	2500 Palladium Drive, Kanata, ON
Project #:	25061700539
P.O. #:	161443
Requested by:	Eleanor Goolab
Date Completed:	7/3/2025 9:07:24 PM

Project #: 25061700539 | P.O. #: 25191
Requested by: Eleanor Goolab | Date Completed: 07/03/2025 21:07:24

Search Area: 2500 Palladium Drive, Kanata, ON



Project #: 25061700539 | P.O. #: 25191
Requested by: Eleanor Goolab | Date Completed: 07/03/2025 21:07:24

Historical Environmental Services Enviroscan Terms and Conditions

Terms and Conditions

Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Verisk's records relating to the described property (hereinafter referred to as the "Property"). Verisk makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Verisk's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Verisk does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

Disclaimer

Verisk disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Verisk Reports or from any tortious acts or omissions of Verisk's agents, employees or representatives.

Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

Project #: 25061700539 | P.O. #: 25191
Requested by: Eleanor Goolab | Date Completed: 07/03/2025 21:07:24

No Records Found

Office

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

1.877.244.9437

optaintel.ca

Verisk.com

AllRock Consulting Ltd

APPENDIX E

ERIS

DATABASE REPORT

Project Property:	*APU-2500 Palladium Drive* *2500 Palladium Drive* *Kanata ON K2V 1E2*
Project No:	*25191*
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*25061700539*
Requested by:	*AllRock Consulting Ltd.*
Date Completed:	*July 3, 2025*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Executive Summary

Property Information:

Project Property:	*APU-2500 Palladium Drive* *2500 Palladium Drive Kanata ON K2V 1E2*
Project No:	*25191*

Order Information:

Order No:	*25061700539*
Date Requested:	*June 17, 2025*
Requested by:	*AllRock Consulting Ltd.*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*
City Directory Search	*Smart CD Search*
ERIS Xplorer	*ERIS Xplorer*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	4	4
CA	Certificates of Approval	Y	4	0	4
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	8	6	14
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	3	3	6
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	0	0
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	2	0	2

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PFAS	Ontario PFAS Spills	Y	0	0	0
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PPHA	Potential PFAS Handlers from EASR	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	1	0	1
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
WDSH	***Waste Disposal Sites - MOE 1991 Historical Approval Inventory***	*Y*	*0*	*0*	*0*
WWIS	***Water Well Information System***	*Y*	*0*	*3*	*3*
		Total:	*18*	*16*	*34*

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	CA	Tony Graham Kanata Limited	600-2500 Palladium Dr Ottawa ON	NNE/72.1	-1.00	20
1	CA	Palladium Auto Park Ltd.	2500 Palladium Drive Ottawa ON	NNE/72.1	-1.00	20
1	CA	Kanata Motors Corporation	2500 Palladium Dr Kanata Ottawa ON	NNE/72.1	-1.00	20
1	CA	Palladium Auto Park Ltd.	2500 Palladium Drive Ottawa ON	NNE/72.1	-1.00	21
1	HINC		2500 PALLADIUM DRIVE KANATA ON	NNE/72.1	-1.00	21
1	HINC		2500 PALLADIUM DRIVE RICHMOND ON	NNE/72.1	-1.00	21
1	EHS		2500 Palladium Drive Unit 1200 Kanata ON	NNE/72.1	-1.00	22
1	EHS		2500 Palladium Ottawa ON	NNE/72.1	-1.00	22

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	SPL		#200 - 2500 Palladium Drive Ottawa ON	NNE/72.1	-1.00	22
1	ECA	Palladium Auto Park Ltd.	2500 Palladium Drive Ottawa ON K2A 1C5	NNE/72.1	-1.00	23
1	ECA	Zena Investment Corporation	2500 Palladium Dr Ottawa ON K2V 1E2	NNE/72.1	-1.00	23
1	ECA	Palladium Auto Park Ltd.	2500 Palladium Drive Ottawa ON K2A 1C5	NNE/72.1	-1.00	24
1	ECA	Palladium Auto Park Ltd.	2500 Palladium Drive Ottawa ON K2A 1C5	NNE/72.1	-1.00	24
1	ECA	Kanata Motors Corporation	2500 Palladium Dr Kanata Ottawa ON K2V 1E2	NNE/72.1	-1.00	24
1	ECA	Tony Graham Kanata Limited	600-2500 Palladium Dr Ottawa ON K2G 1E3	NNE/72.1	-1.00	25
1	ECA	Tony Graham Motors Limited	2500 Palladium Dr Ottawa ON K2G 1E3	NNE/72.1	-1.00	25
1	ECA	Zena Investment Corporation	2500 Palladium Dr Ottawa ON K2J 6H8	NNE/72.1	-1.00	25
2	EHS		2500 Palladium Drive Kanata ON K2V 1E2	ENE/160.1	-0.31	25

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
3	BORE		ON	SSE/12.4	0.00	26
4	WWIS		lot 2 con 1 ON ***Well ID:*** 1519823	WSW/41.6	-1.00	26
5	WWIS		lot 2 con 1 ON ***Well ID:*** 1534471	WSW/43.3	-1.00	30
6	ECA	Turpin Saturn SAAB Limited	Part of Front Half Lot 2, Concession 1, Huntley Township Ottawa ON K2A 1C5	WSW/47.3	-1.00	33
6	ECA	Vik One Holdings Ltd.	Part of Front Half Lot 2, Concession 1, Huntley Township Ottawa ON K2B 6R1	WSW/47.3	-1.00	34
6	ECA	Turpin Pontiac Buick Limited	Part of Front Half Lot 2, Concession 1, Huntley Township Ottawa ON K2A 1C5	WSW/47.3	-1.00	34
6	ECA	Capital Two Investments Limited	Part of Front Half Lot 2, Concession 1, Huntley Township Ottawa ON K2E 7V1	WSW/47.3	-1.00	34
7	EHS		Palladium Dr Kanata ON	NNE/142.6	-1.00	35
8	WWIS		lot 2 con 2 ON ***Well ID:*** 1529723	NNE/143.0	-1.00	35
9	BORE		ON	WNW/145.0	-2.00	36
10	BORE		ON	W/193.1	-2.00	37

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
11	EHS		57404 Palladium Drive Ottawa Ontario Ottawa ON	WSW/199.1	0.06	38
12	BORE		ON	NW/206.1	-2.00	38
13	EHS		425 Culdaff Rd Ottawa ON K2S 0V5	SSW/239.8	1.00	39
14	ECA	Kanata Motors Corporation	Ottawa ON K1S 2E7	NNE/240.2	-1.68	39
14	ECA	Tony Graham Kanata Limited	Ring Road, Lot 6 Ottawa ON K2G 1E3	NNE/240.2	-1.68	39

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 4 BORE site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	ON	12.4	3
	ON	145.0	9
	ON	193.1	10
	ON	206.1	12

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 4 CA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Kanata Motors Corporation	2500 Palladium Dr Kanata Ottawa ON	72.1	1
Palladium Auto Park Ltd.	2500 Palladium Drive Ottawa ON	72.1	1
Tony Graham Kanata Limited	600-2500 Palladium Dr Ottawa ON	72.1	1
Palladium Auto Park Ltd.	2500 Palladium Drive Ottawa ON	72.1	1

Site	Address	Distance (m)	Map Key

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011 - May 31, 2025 has found that there are 14 ECA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Zena Investment Corporation	2500 Palladium Dr Ottawa ON K2J 6H8	72.1	1
Palladium Auto Park Ltd.	2500 Palladium Drive Ottawa ON K2A 1C5	72.1	1
Zena Investment Corporation	2500 Palladium Dr Ottawa ON K2V 1E2	72.1	1
Palladium Auto Park Ltd.	2500 Palladium Drive Ottawa ON K2A 1C5	72.1	1
Kanata Motors Corporation	2500 Palladium Dr Kanata Ottawa ON K2V 1E2	72.1	1
Palladium Auto Park Ltd.	2500 Palladium Drive Ottawa ON K2A 1C5	72.1	1
Tony Graham Motors Limited	2500 Palladium Dr Ottawa ON K2G 1E3	72.1	1
Tony Graham Kanata Limited	600-2500 Palladium Dr Ottawa ON K2G 1E3	72.1	1
Turpin Saturn SAAB Limited	Part of Front Half Lot 2, Concession 1, Huntley Township Ottawa ON K2A 1C5	47.3	6

Site	Address	Distance (m)	Map Key
Vik One Holdings Ltd.	Part of Front Half Lot 2, Concession 1, Huntley Township Ottawa ON K2B 6R1	47.3	6
Turpin Pontiac Buick Limited	Part of Front Half Lot 2, Concession 1, Huntley Township Ottawa ON K2A 1C5	47.3	6
Capital Two Investments Limited	Part of Front Half Lot 2, Concession 1, Huntley Township Ottawa ON K2E 7V1	47.3	6
Tony Graham Kanata Limited	Ring Road, Lot 6 Ottawa ON K2G 1E3	240.2	14
Kanata Motors Corporation	Ottawa ON K1S 2E7	240.2	14

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 31, 2024 has found that there are 6 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2500 Palladium Ottawa ON	72.1	1
	2500 Palladium Drive Unit 1200 Kanata ON	72.1	1
	2500 Palladium Drive Kanata ON K2V 1E2	160.1	2
	Palladium Dr Kanata ON	142.6	7
	57404 Palladium Drive Ottawa Ontario Ottawa ON	199.1	11

Site	Address	Distance (m)	Map Key
	425 Culdaff Rd Ottawa ON K2S 0V5	239.8	13

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 2 HINC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	2500 PALLADIUM DRIVE RICHMOND ON	72.1	1
	2500 PALLADIUM DRIVE KANATA ON	72.1	1

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2024; Aug-Mar 2025 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

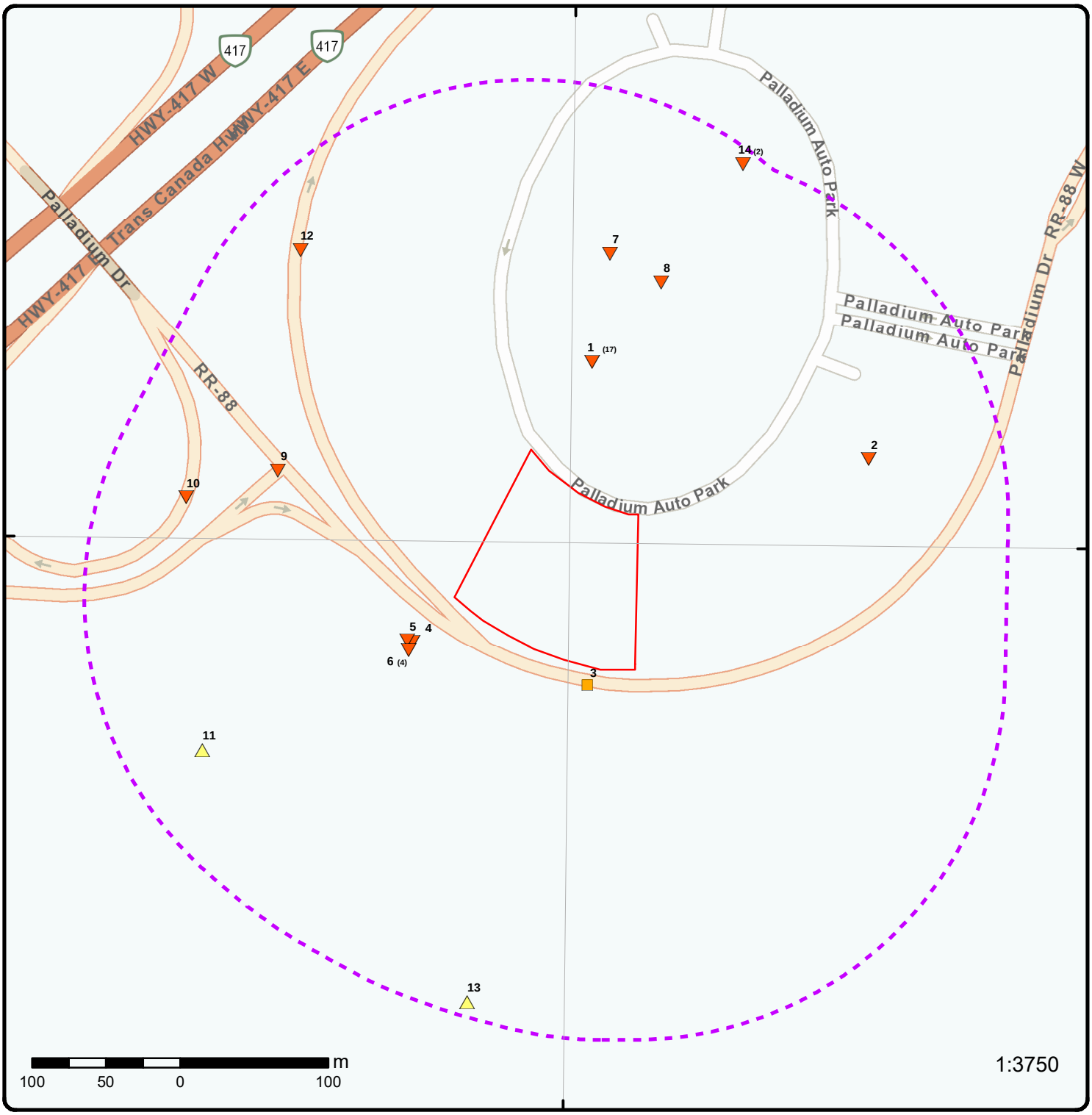
Site	Address	Distance (m)	Map Key
	#200 - 2500 Palladium Drive Ottawa ON	72.1	1

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 3 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 2 con 1 ON ***Well ID:*** 1519823	41.6	4
	lot 2 con 1 ON	43.3	5

Site	Address	Distance (m)	Map Key
	Well ID: 1534471		
	lot 2 con 2 ON	143.0	8
	Well ID: 1529723		

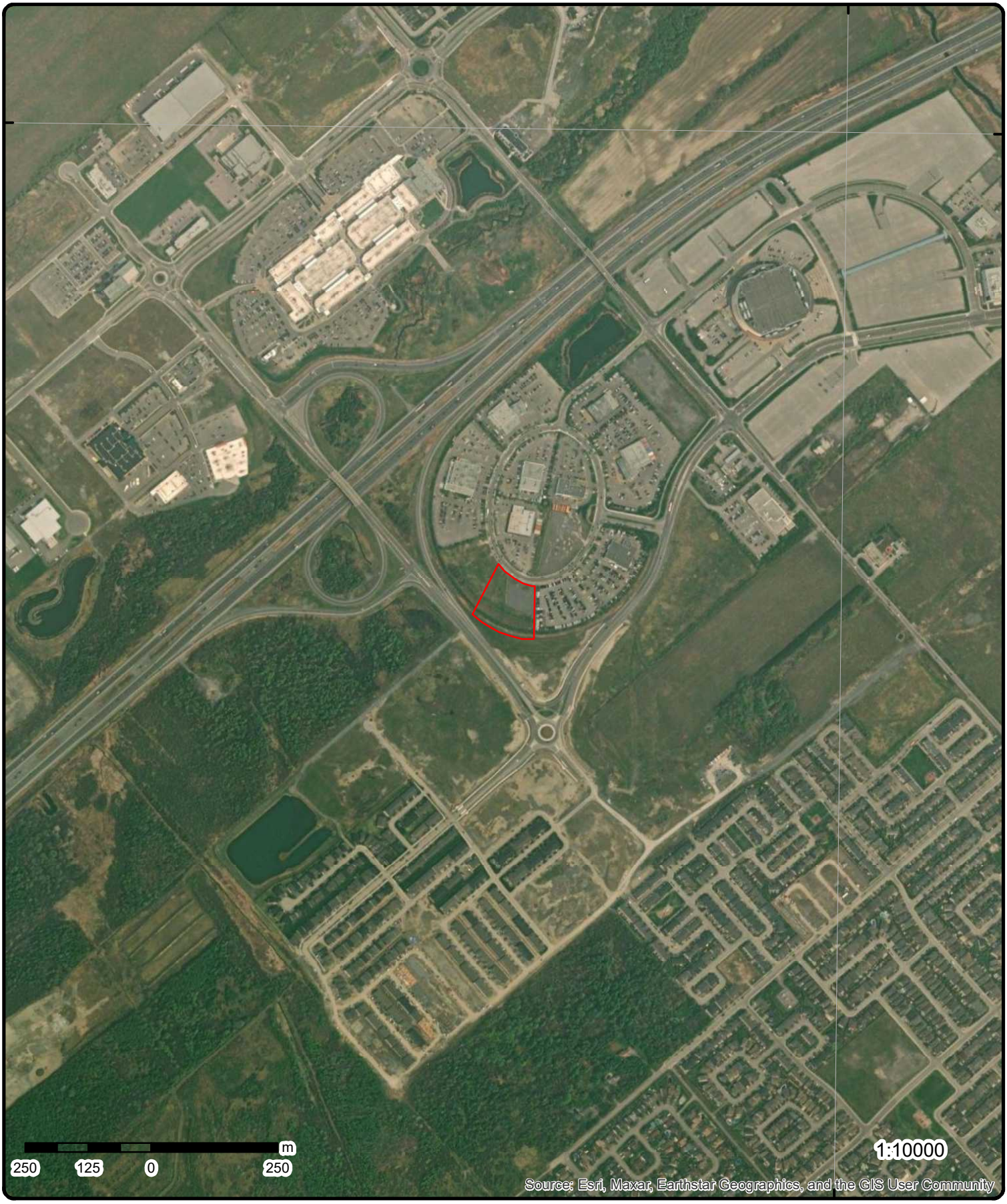


Map: 0.25 Kilometer Radius

Order Number: 25061700539

Address: 2500 Palladium Drive, Kanata, ON

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



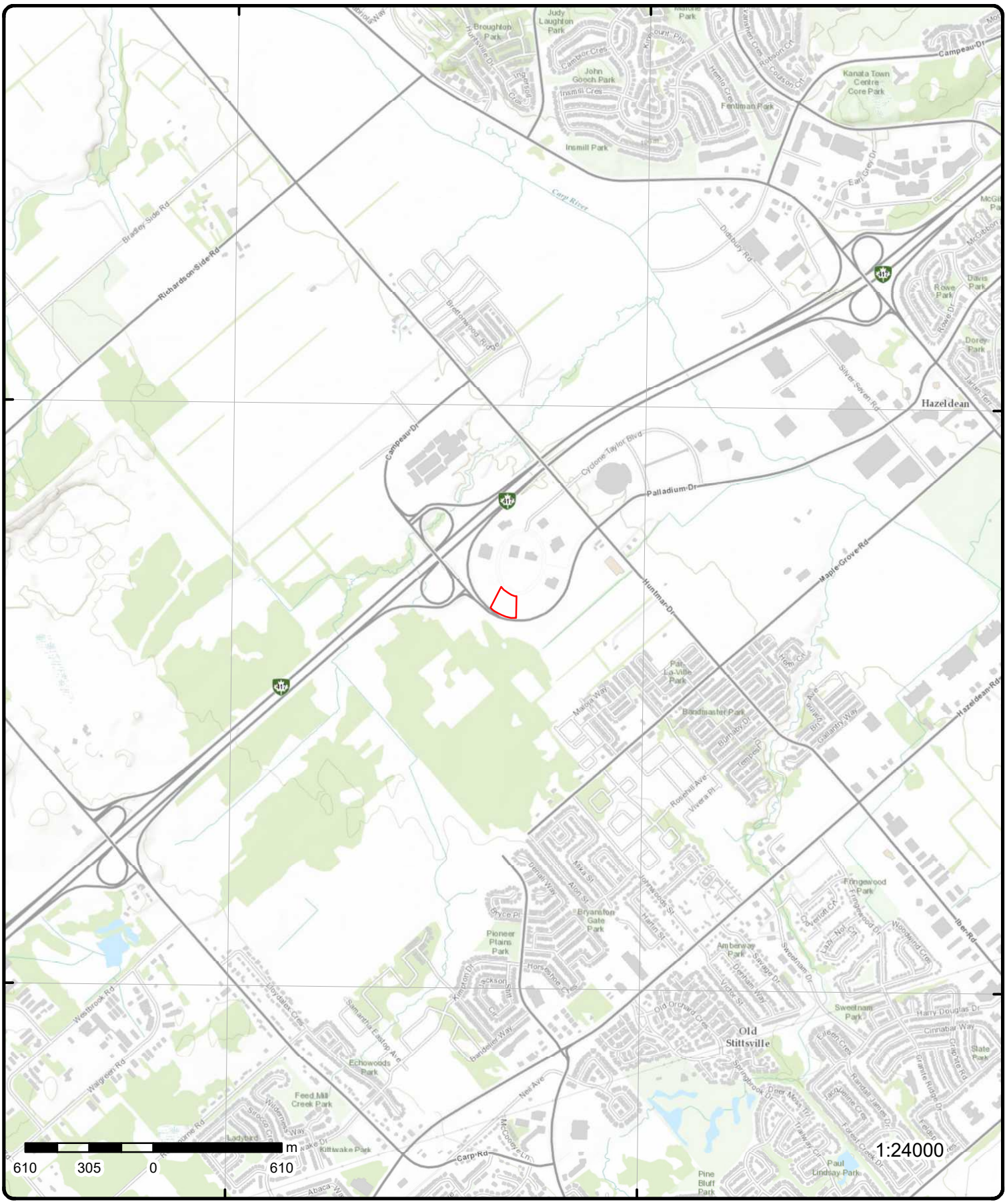
Aerial

Year: 2023

Order Number: 25061700539

Address: 2500 Palladium Drive, Kanata, ON

Source: ESRI World Imagery



Topographic Map

Address: 2500 Palladium Drive, ON

Source: ESRI World Topographic Map

Order Number: 25061700539

ERIS

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 17	NNE/72.1	101.9 / -1.00	Tony Graham Kanata Limited 600-2500 Palladium Dr Ottawa ON	CA

Certificate #:	1419-6ZBP57
Application Year:	2007
Issue Date:	4/4/2007
Approval Type:	Industrial Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 17	NNE/72.1	101.9 / -1.00	Palladium Auto Park Ltd. 2500 Palladium Drive Ottawa ON	CA

Certificate #:	4120-5PXPAC
Application Year:	2003
Issue Date:	7/31/2003
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:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	3 of 17	NNE/72.1	101.9 / -1.00	Kanata Motors Corporation 2500 Palladium Dr Kanata Ottawa ON	CA

Certificate #:	4174-7UPJJF
Application Year:	2009
Issue Date:	8/7/2009
Approval Type:	Air
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	

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

1	4 of 17	NNE/72.1	101.9 / -1.00	**Palladium Auto Park Ltd.** **2500 Palladium Drive** **Ottawa ON**	CA

Certificate #: 6496-5QVL2U
Application Year: 2003
Issue Date: 9/11/2003
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

1	5 of 17	NNE/72.1	101.9 / -1.00	**2500 PALLADIUM DRIVE** **KANATA ON**	HINC

External File Num: FS INC 0611-04178
Fuel Occurrence Type: Pipeline Strike
Date of Occurrence: 11/10/2006
Fuel Type Involved: Natural Gas
Status Desc: Completed - Causal Analysis(End)
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Commercial (e.g. restaurant, business unit, etc)
Service Interruptions: No
Property Damage: No
Fuel Life Cycle Stage: Utilization
Root Cause: Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No Management:No Human Factors:No
Reported Details:
Fuel Category: Gaseous Fuel
Occurrence Type: Incident
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name: Ottawa
Approx. Quant. Rel:
Nearby body of water:
Enter Drainage Syst.:
Approx. Quant. Unit:
Environmental Impact:

1	6 of 17	NNE/72.1	101.9 / -1.00	**2500 PALLADIUM DRIVE** **RICHMOND ON**	HINC

External File Num: FS INC 0705-02213
Fuel Occurrence Type: Pipeline Strike
Date of Occurrence: 4/19/2007
Fuel Type Involved: Natural Gas
Status Desc: Completed - Causal Analysis(End)
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Construction Site (pipeline strike)
Service Interruptions: Yes
Property Damage: No
Fuel Life Cycle Stage: Transmission, Distribution and Transportation
Root Cause: Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:

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

Yes Management:No Human Factors:No

Reported Details:
Fuel Category: Gaseous Fuel
Occurrence Type: Incident
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name: Ottawa
Approx. Quant. Rel:
Nearby body of water:
Enter Drainage Syst.:
Approx. Quant. Unit:
Environmental Impact:

---

1 | ***7 of 17*** | ***NNE/72.1*** | ***101.9 / -1.00*** | ***2500 Palladium Drive Unit 1200 Kanata ON*** | ***EHS***

Order No: 20120626032
Status: C
Report Type: Custom Report
Report Date: 04-JUL-12
Date Received: 26-JUN-12
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.930614
Y: 45.292281

---

1 | ***8 of 17*** | ***NNE/72.1*** | ***101.9 / -1.00*** | ***2500 Palladium Ottawa ON*** | ***EHS***

Order No: 20160225096
Status: C
Report Type: Custom Report
Report Date: 03-MAR-16
Date Received: 25-FEB-16
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.93315
Y: 45.292765

---

1 | ***9 of 17*** | ***NNE/72.1*** | ***101.9 / -1.00*** | ***#200 - 2500 Palladium Drive Ottawa ON*** | ***SPL***

Ref No: 0243-A8YJER
Year:
Incident Dt: 2016/04/13
Dt MOE Arvl on Scn:
MOE Reported Dt: 2016/04/13
Dt Document Closed:
Site No: NA
MOE Response: No
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: Myers Chevrolet Kanata<UNOFFICIAL>
Site Address: #200 - 2500 Palladium Drive
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

Easting:	
Entity Operating Name:	
Client Name:	
Client Type:	
Source Type:	
Incident Cause:	
Incident Preceding Spill:	Leak/Break
Incident Reason:	Equipment Failure
Incident Summary:	Chevrolet Kanata 10 - 20 L of motor oil to grnd
Environment Impact:	
Health Env Consequence:	
Nature of Impact:	
Contaminant Qty:	20 L
Contaminant Qty 1:	20
Contaminant Unit:	L
Contaminant Code:	15
Contaminant Name:	MOTOR OIL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Land
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Miscellaneous Industrial
SAC Action Class:	Land Spills
Call Report Locatn Geodata:	
Time Reported:	
System Facility Address:	

1 | ***10 of 17*** | ***NNE/72.1*** | ***101.9 / -1.00*** | ***Palladium Auto Park Ltd.***
2500 Palladium Drive
Ottawa ON K2A 1C5 | ***ECA***

Approval No:	6496-5QVL2U	**MOE District:**	Ottawa
Approval Date:	2003-09-11	**City:**	
Status:	Approved	**Longitude:**	-75.9347
Record Type:	ECA	**Latitude:**	45.291
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Mississippi Valley	**Geometry Y:**	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS		
Project Type:	INDUSTRIAL SEWAGE WORKS		
Business Name:	Palladium Auto Park Ltd.		
Address:	2500 Palladium Drive		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0978-5PWL7N-14.pdf		
PDF Site Location:			

1 | ***11 of 17*** | ***NNE/72.1*** | ***101.9 / -1.00*** | ***Zena Investment Corporation***
2500 Palladium Dr
Ottawa ON K2V 1E2 | ***ECA***

Approval No:	6046-96MLQ8	**MOE District:**	
Approval Date:	2013-04-30	**City:**	
Status:	Approved	**Longitude:**	
Record Type:	ECA	**Latitude:**	
Link Source:	IDS	**Geometry X:**	
SWP Area Name:		**Geometry Y:**	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS		
Project Type:	INDUSTRIAL SEWAGE WORKS		
Business Name:	Zena Investment Corporation		
Address:	2500 Palladium Dr		

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

Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8606-8Z4MYF-14.pdf
PDF Site Location:

---

1 | 12 of 17 | NNE/72.1 | 101.9 / -1.00 | **Palladium Auto Park Ltd.**
2500 Palladium Drive
Ottawa ON K2A 1C5 | ECA

Approval No: 6396-5PXPCK
Approval Date: 2003-07-31
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Mississippi Valley
MOE District: Ottawa
City:
Longitude: -75.9347
Latitude: 45.291000000000004
Geometry X:
Geometry Y:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Business Name: Palladium Auto Park Ltd.
Address: 2500 Palladium Drive
Full Address:
Full PDF Link:
PDF Site Location:

---

1 | 13 of 17 | NNE/72.1 | 101.9 / -1.00 | **Palladium Auto Park Ltd.**
2500 Palladium Drive
Ottawa ON K2A 1C5 | ECA

Approval No: 4120-5PXPAC
Approval Date: 2003-07-31
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Mississippi Valley
MOE District: Ottawa
City:
Longitude: -75.9347
Latitude: 45.291
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Palladium Auto Park Ltd.
Address: 2500 Palladium Drive
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1450-5PWL3Q-14.pdf
PDF Site Location:

---

1 | 14 of 17 | NNE/72.1 | 101.9 / -1.00 | **Kanata Motors Corporation**
2500 Palladium Dr Kanata
Ottawa ON K2V 1E2 | ECA

Approval No: 4174-7UPJJF
Approval Date: 2009-08-07
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Mississippi Valley
MOE District: Ottawa
City:
Longitude: -75.93187
Latitude: 45.29398
Geometry X:
Geometry Y:
Approval Type: ECA-AIR
Project Type: AIR
Business Name: Kanata Motors Corporation
Address: 2500 Palladium Dr Kanata
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0866-7TQPXD-14.pdf
PDF Site Location:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	15 of 17	NNE/72.1	101.9 / -1.00	Tony Graham Kanata Limited 600-2500 Palladium Dr Ottawa ON K2G 1E3	ECA

Approval No:	1419-6ZBP57	**MOE District:**	Ottawa
Approval Date:	2007-04-04	**City:**	
Status:	Revoked and/or Replaced	**Longitude:**	-75.93187
Record Type:	ECA	**Latitude:**	45.29398
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Mississippi Valley	**Geometry Y:**	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS		
Project Type:	INDUSTRIAL SEWAGE WORKS		
Business Name:	Tony Graham Kanata Limited		
Address:	600-2500 Palladium Dr		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0790-6VYNF9-14.pdf		
PDF Site Location:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	16 of 17	NNE/72.1	101.9 / -1.00	Tony Graham Motors Limited 2500 Palladium Dr Ottawa ON K2G 1E3	ECA

Approval No:	0685-ALTRRP	**MOE District:**	Ottawa
Approval Date:	2017-06-02	**City:**	
Status:	Approved	**Longitude:**	-75.93187
Record Type:	ECA	**Latitude:**	45.29398
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Mississippi Valley	**Geometry Y:**	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS		
Project Type:	INDUSTRIAL SEWAGE WORKS		
Business Name:	Tony Graham Motors Limited		
Address:	2500 Palladium Dr		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/5415-ACHQQT-14.pdf		
PDF Site Location:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	17 of 17	NNE/72.1	101.9 / -1.00	Zena Investment Corporation 2500 Palladium Dr Ottawa ON K2J 6H8	ECA

Approval No:	7040-AP7M89	**MOE District:**	
Approval Date:	2017-07-26	**City:**	
Status:	Approved	**Longitude:**	
Record Type:	ECA	**Latitude:**	
Link Source:	IDS	**Geometry X:**	
SWP Area Name:		**Geometry Y:**	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS		
Project Type:	INDUSTRIAL SEWAGE WORKS		
Business Name:	Zena Investment Corporation		
Address:	2500 Palladium Dr		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/3182-AJYJ4V-14.pdf		
PDF Site Location:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	ENE/160.1	102.6 / -0.31	2500 Palladium Drive Kanata ON K2V 1E2	EHS

Order No:	23051700637	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON

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

Report Date:	23-MAY-23	**Search Radius (km):**	.25
Date Received:	17-MAY-23	**X:**	-75.9307591
Previous Site Name:		**Y:**	45.2921934
Lot/Building Size:			
Additional Info Ordered:			

---

3 **1 of 1** **SSE/12.4** **102.9 / 0.00** **ON** **BORE**

Borehole ID:	848689	**Inclin FLG:**	No
OGF ID:	215590309	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	06-MAY-1992	**Municipality:**	
Static Water Level:		**Lot:**	LOT 2
Primary Water Use:		**Township:**	HUNTLEY
Sec. Water Use:		**Latitude DD:**	45.290801
Total Depth m:	1.5	**Longitude DD:**	-75.933157
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	426826
Drill Method:	Power auger	**Northing:**	5015679
Orig Ground Elev m:	103	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	103		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6561880	**Mat Consistency:**	Firm
Top Depth:	.3	**Material Moisture:**	
Bottom Depth:	1.5	**Material Texture:**	
Material Color:	Brown-Grey	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Organic	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	FIRM BROWNISH GREY SILTY CLAY TRACE SAND TRACE ORGANICS **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	6561879	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.3	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Organic	**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	300mm DARK BROWN ORGANIC SANDY SILTY CLAY ROOTMAT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

---

4 **1 of 1** **WSW/41.6** **101.9 / -1.00** **lot 2 con 1 ON** **WWIS**

Well ID:	1519823	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	

Use 2nd:	Livestock	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	07/25/1985
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	2307
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	002
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: HUNTLEY TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519823.pdf

Additional Detail(s) (Map)

Well Completed Date: 03/28/1985
Year Completed: 1985
Depth (m): 32.004
Latitude: 45.2910493580821
Longitude: -75.9346705229664
X: -75.93467036155681
Y: 45.291049351451484
Path: 151\1519823.pdf

Bore Hole Information

Bore Hole ID:	10041676	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	426707.60
Code OB Desc:		**North83:**	5015708.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	03/28/1985	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	lot

Location Method Desc: Lot centroid
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931042857
Layer: 1
Color: 6
General Color: BROWN
Material 1: 01
Material 1 Desc: FILL
Material 2: 13
Material 2 Desc: BOULDERS
Material 3: 77
Material 3 Desc: LOOSE

Formation Top Depth:	0.0
Formation End Depth:	14.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931042858
Layer:	2
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	78
Material 2 Desc:	MEDIUM-GRAINED
Material 3:	73
Material 3 Desc:	HARD
Formation Top Depth:	14.0
Formation End Depth:	105.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961519823
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10590246
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930072767
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	22.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930072768
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	105.0
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: 991519823
Pump Set At:
Static Level: 8.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 60.0
Pumping Rate: 50.0
Flowing Rate:
Recommended Pump Rate: 50.0
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: 934384438
Test Type: Draw Down
Test Duration: 30
Test Level: 27.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934109708
Test Type: Draw Down
Test Duration: 15
Test Level: 13.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934654979
Test Type: Draw Down
Test Duration: 45
Test Level: 39.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934895180
Test Type: Draw Down
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933476905
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 63.0
Water Found Depth UOM: ft

Water Details

Water ID:	933476906
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	102.0
Water Found Depth UOM:	ft

5 | **1 of 1** | **WSW/43.3** | **101.9 / -1.00** | **lot 2 con 1 ON** | **WWIS**

Well ID:	1534471	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:		**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	02/06/2004
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	261147	**Contractor:**	6574
Tag:		**Form Version:**	2
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	002
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1534471.pdf

Additional Detail(s) (Map)

Well Completed Date:	11/02/2002
Year Completed:	2002
Depth (m):	60.3504
Latitude:	45.2910580035362
Longitude:	-75.9347140239456
X:	-75.9347138624593
Y:	45.29105799743077
Path:	153\1534471.pdf

Bore Hole Information

Bore Hole ID:	11097498	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	426704.20
Code OB Desc:		**North83:**	5015709.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	11/02/2002	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932942442
Layer:	4
Color:	1
General Color:	WHITE
Material 1:	21
Material 1 Desc:	GRANITE
Material 2:	74
Material 2 Desc:	LAYERED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	180.0
Formation End Depth:	198.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932942441
Layer:	3
Color:	2
General Color:	GREY
Material 1:	21
Material 1 Desc:	GRANITE
Material 2:	73
Material 2 Desc:	HARD
Material 3:	
Material 3 Desc:	
Formation Top Depth:	38.0
Formation End Depth:	180.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932942439
Layer:	1
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	79
Material 2 Desc:	PACKED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	21.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932942440
Layer:	2
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	28

Material 2 Desc:	SAND
Material 3:	74
Material 3 Desc:	LAYERED
Formation Top Depth:	21.0
Formation End Depth:	38.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933245252
Layer:	1
Plug From:	0.0
Plug To:	30.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961534471
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	11101213
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930832332
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	198.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930832331
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	40.0
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:	991534471
Pump Set At:	
Static Level:	1.0

Final Level After Pumping:	150.0
Recommended Pump Depth:	100.0
Pumping Rate:	100.0
Flowing Rate:	
Recommended Pump Rate:	20.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	4
Pumping Duration MIN:	
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934658294
Test Type:	Draw Down
Test Duration:	45
Test Level:	150.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934915741
Test Type:	Draw Down
Test Duration:	60
Test Level:	150.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934114720
Test Type:	Draw Down
Test Duration:	15
Test Level:	150.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934398334
Test Type:	Draw Down
Test Duration:	30
Test Level:	150.0
Test Level UOM:	ft

Water Details

Water ID:	934042725
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	192.0
Water Found Depth UOM:	ft

6	***1 of 4***	***WSW/47.3***	***101.9 / -1.00***	***Turpin Saturn SAAB Limited*** ***Part of Front Half Lot 2, Concession 1, Huntley Township*** ***Ottawa ON K2A 1C5***	***ECA***

Approval No: 4053-6PEQTF ***MOE District:*** Ottawa

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

Approval Date:	2006-05-25	**City:**	
Status:	Approved	**Longitude:**	-75.9347
Record Type:	ECA	**Latitude:**	45.291
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Mississippi Valley	**Geometry Y:**	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS		
Project Type:	INDUSTRIAL SEWAGE WORKS		
Business Name:	Turpin Saturn SAAB Limited		
Address:	Part of Front Half Lot 2, Concession 1, Huntley Township		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2194-6NAQ85-14.pdf		
PDF Site Location:			

---

6 | ***2 of 4*** | ***WSW/47.3*** | ***101.9 / -1.00*** | ***Vik One Holdings Ltd.***
Part of Front Half Lot 2, Concession 1, Huntley Township
Ottawa ON K2B 6R1 | ***ECA***

Approval No:	0160-6PGP6M	**MOE District:**	Ottawa
Approval Date:	2006-05-25	**City:**	
Status:	Approved	**Longitude:**	-75.9347
Record Type:	ECA	**Latitude:**	45.291
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Mississippi Valley	**Geometry Y:**	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS		
Project Type:	INDUSTRIAL SEWAGE WORKS		
Business Name:	Vik One Holdings Ltd.		
Address:	Part of Front Half Lot 2, Concession 1, Huntley Township		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2090-6PAQ4N-14.pdf		
PDF Site Location:			

---

6 | ***3 of 4*** | ***WSW/47.3*** | ***101.9 / -1.00*** | ***Turpin Pontiac Buick Limited***
Part of Front Half Lot 2, Concession 1, Huntley Township
Ottawa ON K2A 1C5 | ***ECA***

Approval No:	9453-6PWQHH	**MOE District:**	Ottawa
Approval Date:	2006-06-23	**City:**	
Status:	Approved	**Longitude:**	-75.9347
Record Type:	ECA	**Latitude:**	45.291
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Mississippi Valley	**Geometry Y:**	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS		
Project Type:	INDUSTRIAL SEWAGE WORKS		
Business Name:	Turpin Pontiac Buick Limited		
Address:	Part of Front Half Lot 2, Concession 1, Huntley Township		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/7813-6MURFA-14.pdf		
PDF Site Location:			

---

6 | ***4 of 4*** | ***WSW/47.3*** | ***101.9 / -1.00*** | ***Capital Two Investments Limited***
Part of Front Half Lot 2, Concession 1, Huntley Township
Ottawa ON K2E 7V1 | ***ECA***

Approval No:	3546-6VJSN7	**MOE District:**	Ottawa
Approval Date:	2006-11-21	**City:**	
Status:	Approved	**Longitude:**	-75.9347
Record Type:	ECA	**Latitude:**	45.291

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

Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Mississippi Valley	**Geometry Y:**	
Approval Type:	ECA-INDUSTRIAL SEWAGE WORKS		
Project Type:	INDUSTRIAL SEWAGE WORKS		
Business Name:	Capital Two Investments Limited		
Address:	Part of Front Half Lot 2, Concession 1, Huntley Township		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/9326-6SKP7W-14.pdf		
PDF Site Location:			

---

7 | **1 of 1** | **NNE/142.6** | **101.9 / -1.00** | **Palladium Dr Kanata ON** | **EHS**

Order No:	20120222027	**Nearest Intersection:**	
Status:	C	**Municipality:**	Huntley
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	2/28/2012 2:19:31 PM	**Search Radius (km):**	0.25
Date Received:	2/22/2012 2:16:45 PM	**X:**	-75.933006
Previous Site Name:	Vacant	**Y:**	45.293425
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory		

---

8 | **1 of 1** | **NNE/143.0** | **101.9 / -1.00** | **lot 2 con 2 ON** | **WWIS**

Well ID:	1529723	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Not Used	**Data Entry Status:**	
Use 2nd:		**Data Src:**	1
Final Well Status:	Abandoned-Supply	**Date Received:**	12/22/1997
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:	182754	**Contractor:**	1558
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	002
Depth to Bedrock:		**Concession:**	02
Well Depth:		**Concession Name:**	CON
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	HUNTLEY TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1529723.pdf

Additional Detail(s) (Map)

Well Completed Date:	11/28/1997
Year Completed:	1997
Depth (m):	
Latitude:	45.2932539352157
Longitude:	-75.9325642124719
X:	-75.93256405077801
Y:	45.29325392864921
Path:	152\1529723.pdf

Bore Hole Information

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

Bore Hole ID:	10051258	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	426875.60
Code OB Desc:		**North83:**	5015951.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	11/28/1997	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	gis
Location Method Desc:	from gis		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	933114787
Layer:	1
Plug From:	200.0
Plug To:	0.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961529723
Method Construction Code:	0
Method Construction:	Not Known
Other Method Construction:	

Pipe Information

Pipe ID:	10599828
Casing No:	1
Comment:	
Alt Name:	

---

9 ***1 of 1*** ***WNW/145.0*** ***100.9 / -2.00*** ***ON*** ***BORE***

Borehole ID:	848681	**Inclin FLG:**	No
OGF ID:	215590301	**SP Status:**	Initial Entry
Status:	Decommissioned	**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:	Geotechnical/Geological Investigation	**Primary Name:**	
Completion Date:	06-MAY-1992	**Municipality:**	
Static Water Level:		**Lot:**	LOT 2
Primary Water Use:		**Township:**	HUNTLEY
Sec. Water Use:		**Latitude DD:**	45.292084
Total Depth m:	1.5	**Longitude DD:**	-75.935843
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	426617
Drill Method:	Power auger	**Northing:**	5015824
Orig Ground Elev m:	103	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Within 10 metres
DEM Ground Elev m:	103		
Concession:			
Location D:			

Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID:	6561857	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.2	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:	Organic	***Depositional Gen:***	

Gsc Material Description:
Stratum Description: 250mm DARK BROWN ORGANIC SANDY SILTY CLAY ROOTMAT **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561858	***Mat Consistency:***	Firm
Top Depth:	.2	***Material Moisture:***	
Bottom Depth:	1.5	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:		***Depositional Gen:***	

Gsc Material Description:
Stratum Description: FIRM BROWNISH GREY SILTY CLAY TRACE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.

---

10 ***1 of 1*** ***W/193.1*** ***100.9 / -2.00*** ***ON*** ***BORE***

Borehole ID:	848680	***Inclin FLG:***	No
OGF ID:	215590300	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	06-MAY-1992	***Municipality:***	
Static Water Level:		***Lot:***	LOT 2
Primary Water Use:		***Township:***	HUNTLEY
Sec. Water Use:		***Latitude DD:***	45.291915
Total Depth m:	1.6	***Longitude DD:***	-75.936631
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	426555
Drill Method:	Power auger	***Northing:***	5015806
Orig Ground Elev m:	103	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	103		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6561855	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	.2	***Material Texture:***	
Material Color:	Brown	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:	Organic	***Depositional Gen:***	

Gsc Material Description:
Stratum Description: 150mm DARK BROWN ORGANIC SANDY SILTY CLAY ROOTMAT **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561856	***Mat Consistency:***	Firm
Top Depth:	.2	***Material Moisture:***	
Bottom Depth:	1.6	***Material Texture:***	
Material Color:	Grey-Brown	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:		***Depositional Gen:***	

Gsc Material Description:
Stratum Description: FIRM GREYISH BROWN SILTY CLAY TRACE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.

---

11 ***1 of 1*** ***WSW/199.1*** ***102.9 / 0.06*** ***57404 Palladium Drive Ottawa Ontario Ottawa ON*** ***EHS***

Order No:	22041901034	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	22-APR-22	***Search Radius (km):***	.25
Date Received:	19-APR-22	***X:***	-75.9364697
Previous Site Name:		***Y:***	45.2903803
Lot/Building Size:			

Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Topographic Maps

---

12 ***1 of 1*** ***NW/206.1*** ***100.9 / -2.00*** ***ON*** ***BORE***

Borehole ID:	848682	***Inclin FLG:***	No
OGF ID:	215590302	***SP Status:***	Initial Entry
Status:	Decommissioned	***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:	Geotechnical/Geological Investigation	***Primary Name:***	
Completion Date:	06-MAY-1992	***Municipality:***	
Static Water Level:		***Lot:***	LOT 2
Primary Water Use:		***Township:***	HUNTLEY
Sec. Water Use:		***Latitude DD:***	45.293427
Total Depth m:	1.6	***Longitude DD:***	-75.935674
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	426632
Drill Method:	Power auger	***Northing:***	5015973
Orig Ground Elev m:	102	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Within 10 metres
DEM Ground Elev m:	102		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	6561860	***Mat Consistency:***	Firm
Top Depth:	.2	***Material Moisture:***	
Bottom Depth:	1.6	***Material Texture:***	
Material Color:	Grey	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:	Silt	***Geologic Group:***	
Material 3:	Sand	***Geologic Period:***	
Material 4:		***Depositional Gen:***	

Gsc Material Description:
Stratum Description: FIRM TO STIFF GREY SILTY CLAY TRACE SAND **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	6561859	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	.2	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Silt	**Geologic Group:**	
Material 3:	Sand	**Geologic Period:**	
Material 4:	Organic	**Depositional Gen:**	

Gsc Material Description:
Stratum Description: 150mm DARK BROWN ORGANIC SANDY SILTY CLAY ROOTMAT **Note: Many records provided by the department have a truncated [Stratum Description] field.

---

13 | **1 of 1** | **SSW/239.8** | **103.9 / 1.00** | **425 Culdaff Rd, Ottawa ON K2S 0V5** | **EHS**

Order No:	24013100092	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	05-FEB-24	**Search Radius (km):**	.25
Date Received:	31-JAN-24	**X:**	-75.93416211
Previous Site Name:		**Y:**	45.28886965
Lot/Building Size:			

Additional Info Ordered: Topographic Maps

---

14 | **1 of 2** | **NNE/240.2** | **101.2 / -1.68** | **Kanata Motors Corporation, Ottawa ON K1S 2E7** | **ECA**

Approval No:	2956-7AUQFS	**MOE District:**	Ottawa
Approval Date:	2008-01-25	**City:**	
Status:	Approved	**Longitude:**	-75.93187
Record Type:	ECA	**Latitude:**	45.29398
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Mississippi Valley	**Geometry Y:**	

Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: Kanata Motors Corporation
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8236-777M4W-14.pdf
PDF Site Location:

---

14 | **2 of 2** | **NNE/240.2** | **101.2 / -1.68** | **Tony Graham Kanata Limited, Ring Road, Lot 6, Ottawa ON K2G 1E3** | **ECA**

Approval No:	6935-63SJJQ	**MOE District:**	Ottawa
Approval Date:	2004-08-24	**City:**	
Status:	Revoked and/or Replaced	**Longitude:**	-75.93187
Record Type:	ECA	**Latitude:**	45.29398
Link Source:	IDS	**Geometry X:**	
SWP Area Name:	Mississippi Valley	**Geometry Y:**	

Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: Tony Graham Kanata Limited
Address: Ring Road, Lot 6
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0791-63BQJ4-14.pdf

PDF Site Location:

Unplottable Summary

Total: 21 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 1/2 Con 1	West Carleton ON	
CA	Thomas Cavanagh Construction Limited		Ottawa ON	
CA	Thomas Cavanagh Construction Limited		Ottawa ON	
CA	Kanata Motors Corporation		Ottawa ON	
CA	Thomas Cavanagh Construction Limited		Ottawa ON	
CA	Thomas Cavanagh Construction Limited		Ottawa ON	
CA	Thomas Cavanagh Construction Limited		Ottawa ON	
CA	Thomas Cavanagh Construction Limited		Ottawa ON	
CA	PALLADIUM CORPORATION	PALLADIUM DR.,PT.LOT 2/CON.2	KANATA CITY ON	
CA		Part of Lot 1, Concession 1	Kanata ON	
CA	BASUTA CORPORATION	PALLADIUM DR.,PT.LOT 1/C-2,SWM	KANATA CITY ON	
CA		Part of Lot 1, Concession 1	Kanata ON	
CA		Part of Lot 1, Concession 1	Kanata ON	
CA	PALLADIUM CORPORATION	PT.LOT 2/CON.1,PALLADIUM DR.	KANATA CITY ON	
ECA	Thomas Cavanagh Construction Limited		Ottawa ON	K0A 1B0
ECA	Thomas Cavanagh Construction Limited		Ottawa ON	K0A 1B0
EHS		North & South of Palladium Dr	West Carleton Twp / Kanata ON	

PTTW	Thomas Cavanagh Construction Limited		ON
SPL	Thomas Cavanagh Construction Limited		Ottawa ON
SPL	Thomas Cavanagh Construction Limited		Ottawa ON
WWIS		lot 1	ON

Unplottable Report

Site:
Lot 1/2 Con 1 West Carleton ON

Database: ***AAGR***

Type:	Pit
Region/County:	Ottawa-Carleton
Township:	West Carleton
Concession:	1
Lot:	1/2
Size (ha):	
Landuse:	
Comments:	rehabilitated

Site: ***Thomas Cavanagh Construction Limited***
Ottawa ON

Database: ***CA***

Certificate #:	1332-67RGUN
Application Year:	2005
Issue Date:	1/6/2005
Approval Type:	Industrial Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***Thomas Cavanagh Construction Limited***
Ottawa ON

Database: ***CA***

Certificate #:	0598-5FTQFY
Application Year:	2002
Issue Date:	11/20/2002
Approval Type:	Industrial Sewage Works
Status:	Revoked and/or Replaced
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***Kanata Motors Corporation***
Ottawa ON

Database: ***CA***

Certificate #:	2956-7AUQFS
Application Year:	2008
Issue Date:	1/25/2008
Approval Type:	Industrial Sewage Works
Status:	Approved
Application Type:	

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

Site: ***Thomas Cavanagh Construction Limited***
Ottawa ON

Database: ***CA***

Certificate #: 4624-6CPJGJ
Application Year: 2005
Issue Date: 6/13/2005
Approval Type: Industrial Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Thomas Cavanagh Construction Limited***
Ottawa ON

Database: ***CA***

Certificate #: 5915-7K9JUV
Application Year: 2008
Issue Date: 10/17/2008
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Thomas Cavanagh Construction Limited***
Ottawa ON

Database: ***CA***

Certificate #: 7389-5HYQMW
Application Year: 2004
Issue Date: 2/24/2004
Approval Type: Industrial Sewage Works
Status: Revoked and/or Replaced
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Thomas Cavanagh Construction Limited***
Ottawa ON

Database: ***CA***

Certificate #: 9927-6G8LNP
Application Year: 2005
Issue Date: 9/19/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***PALLADIUM CORPORATION***
PALLADIUM DR.,PT.LOT 2/CON.2 KANATA CITY ON

Database: ***CA***

Certificate #: 3-1262-94-
Application Year: 94
Issue Date: 10/13/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site:
Part of Lot 1, Concession 1 Kanata ON

Database: ***CA***

Certificate #: 6046-4FFRDH
Application Year: 01
Issue Date: 2/1/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: Notice
Client Name: Nortel Networks Corporation
Client Address: 2 Constellation Crescent
Client City: Nepean
Client Postal Code: K2G 5J9
Project Description: This proposal is for modifications to the existing storm sewer and stormwater management system to accommodate an additional 1.0 hectares parking lot. Runoff from this new area will be attenuated by underground storage. No increase in the site release rate is proposed. Modifications to the wet pond outlet structure are proposed to increase the permanent pond volume.
Contaminants:
Emission Control:

Site: ***BASUTA CORPORATION***
PALLADIUM DR.,PT.LOT 1/C-2,SWM KANATA CITY ON

Database: ***CA***

Certificate #: 3-0791-96-
Application Year: 96
Issue Date: 7/26/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:

Project Description:
Contaminants:
Emission Control:

Site: ***Database:***
Part of Lot 1, Concession 1 Kanata ON ***CA***

Certificate #: 6046-4FFRDH
Application Year: 01
Issue Date: 4/9/01
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: Notice
Client Name: Nortel Networks Optical Components Corporation
Client Address: 500 Palladium Drive
Client City: Kanata
Client Postal Code: K2V 1C2
Project Description: Administrative Name Change
Contaminants:
Emission Control:

Site: ***Database:***
Part of Lot 1, Concession 1 Kanata ON ***CA***

Certificate #: 6046-4FFRDH
Application Year: 00
Issue Date: 1/17/00
Approval Type: Municipal & Private sewage
Status: Amended
Application Type: New Certificate of Approval
Client Name: Nortel Networks Corporation
Client Address: 2 Constellation Crescent
Client City: Nepean
Client Postal Code: K2G 5J9
Project Description: Stormwater Management Facility - Nortel Palladium One
Contaminants:
Emission Control:

Site: ***PALLADIUM CORPORATION*** ***Database:***
PT.LOT 2/CON.1,PALLADIUM DR. KANATA CITY ON ***CA***

Certificate #: 3-1307-94-
Application Year: 94
Issue Date: 10/19/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Thomas Cavanagh Construction Limited*** ***Database:***
Ottawa ON K0A 1B0 ***ECA***

Approval No: 3467-9AYP63
Approval Date: 2013-08-30
Status: Approved
Record Type: ECA
MOE District:
City:
Longitude:
Latitude:

Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Thomas Cavanagh Construction Limited		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0772-98NN9V-14.pdf		
PDF Site Location:			

Site: ***Thomas Cavanagh Construction Limited***
Ottawa ON K0A 1B0

Database: ***ECA***

Approval No:	7749-8ZJSTU	***MOE District:***	
Approval Date:	2012-11-09	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	Thomas Cavanagh Construction Limited		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8951-8Z5PSL-14.pdf		
PDF Site Location:			

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

Database: ***EHS***

Order No:	20010614002	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	6/18/01	***Search Radius (km):***	4.75
Date Received:	6/14/01	***X:***	-75.926941
Previous Site Name:		***Y:***	45.295955
Lot/Building Size:			
Additional Info Ordered:			

Site: ***Thomas Cavanagh Construction Limited***
ON

Database: ***PTTW***

EBR Registry No:	010-5806	***Decision Posted:***	
Ministry Ref No:	7423-7NPJQN	***Exception Posted:***	
Notice Type:	Instrument Final Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	August 25, 2009	***Act 2:***	
Proposal Date:	January 30, 2009	***Site Location Map:***	
Year:	2009		
Instrument Type:	(OWRA s. 34) - Permit to Take Water		
Off Instrument Name:			
Posted By:			
Company Name:	Thomas Cavanagh Construction Limited		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:			
Comment Period:			
URL:			
Summary:			

Site Location Details:

Henderson Quarry Address: Lot: 13, Concession: 11, Geographic Town of Goulbourn, Ottawa, City District Office: Ottawa GeoReference: Map Datum:

Unknown, Zone: 18, Accuracy Estimate: 10 -100 metres eg. Topographic Map, Method: Map, UTM Easting: 422063, UTM Northing: 5008627 CITY OF OTTAWA GOULBOURN

Site: ***Thomas Cavanagh Construction Limited***
Ottawa ON

Database: ***SPL***

Ref No:	5552-8XKTLB	***Municipality No:***	
Year:		***Nature of Damage:***	
Incident Dt:	27-AUG-12	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	27-AUG-12	***Impact to Health:***	
Dt Document Closed:		***Agency Involved:***	

Site No:
MOE Response: No Field Response
Site County/District:
Site Geo Ref Meth:
Site District Office:
Nearest Watercourse:
Site Name: The Queensway between Hwy 7 and Eagleson Rd<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: Thomas Cavanagh Construction Limited
Client Type:
Source Type:
Incident Cause:
Incident Preceding Spill:
Incident Reason:
Incident Summary: Cabanah Const'n, 50 L hydraulic oil to The Queensway, cont'd
Environment Impact: Not Anticipated
Health Env Consequence:
Nature of Impact:
Contaminant Qty: 50 L
Contaminant Qty 1: 50
Contaminant Unit: L
Contaminant Code: 15
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Motor Vehicle
SAC Action Class: Land Spills
Call Report Locatn Geodata:
Time Reported:
System Facility Address:

Site: ***Thomas Cavanagh Construction Limited***
Ottawa ON

Database: ***SPL***

Ref No:	8581-ALQMUR	***Municipality No:***	
Year:		***Nature of Damage:***	
Incident Dt:	4/24/2017	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	4/24/2017	***Impact to Health:***	2 - Minor Environment

Dt Document Closed:	***Agency Involved:***
Site No:	
MOE Response:	
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	Ottawa
Nearest Watercourse:	
Site Name:	Light Rail Project, Merton Street Entrance<UNOFFICIAL>
Site Address:	
Site Region:	Eastern
Site Municipality:	Ottawa
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Entity Operating Name:	
Client Name:	Thomas Cavanagh Construction Limited
Client Type:	Corporation
Source Type:	Other
Incident Cause:	
Incident Preceding Spill:	Other
Incident Reason:	Equipment Failure
Incident Summary:	Thomas Cavanagh Cnst: 2L hydraulic oil to grnd, no CBs, contained
Environment Impact:	
Health Env Consequence:	
Nature of Impact:	
Contaminant Qty:	2 L
Contaminant Qty 1:	2
Contaminant Unit:	L
Contaminant Code:	15
Contaminant Name:	HYDRAULIC OIL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	n/a
Receiving Medium:	Land
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	Miscellaneous Industrial
SAC Action Class:	
Call Report Locatn Geodata:	
Time Reported:	
System Facility Address:	

Site:
lot 1 ON

Database:
WWIS

Well ID:	1518217	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:	Livestock	***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	05/06/1983
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:		***Contractor:***	3644
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	001
Depth to Bedrock:		***Concession:***	
Well Depth:		***Concession Name:***	
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	

Municipality: OTTAWA CITY
Site Info:

Bore Hole Information

Bore Hole ID: 10040087
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 03/21/1983
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: 931037741
Layer: 3
Color: 2
General Color: GREY
Material 1: 13
Material 1 Desc: BOULDERS
Material 2: 14
Material 2 Desc: HARDPAN
Material 3:
Material 3 Desc:
Formation Top Depth: 35.0
Formation End Depth: 52.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931037739
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: 15.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931037740
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY

Material 2: 13
Material 2 Desc: BOULDERS
Material 3: 14
Material 3 Desc: HARDPAN
Formation Top Depth: 15.0
Formation End Depth: 35.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931037742
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: 52.0
Formation End Depth: 167.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961518217
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10588657
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930069992
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 53.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930069993
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 167.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991518217
Pump Set At:	
Static Level:	25.0
Final Level After Pumping:	60.0
Recommended Pump Depth:	90.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934897806
Test Type:	
Test Duration:	60
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934103534
Test Type:	
Test Duration:	15
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934639345
Test Type:	
Test Duration:	45
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934378286
Test Type:	
Test Duration:	30
Test Level:	60.0
Test Level UOM:	ft

Water Details

Water ID:	933474886
Layer:	2
Kind Code:	5
Kind:	Not stated
Water Found Depth:	148.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933474885

Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 80.0
Water Found Depth UOM: ft

Water Details

Water ID: 933474887
Layer: 3
Kind Code: 5
Kind: Not stated
Water Found Depth: 162.0
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 (MNRF), 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-Apr 2024

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 -Apr 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-Apr 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 - May 31, 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 - Aug 2024

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 - May 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 - May 31, 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 - May 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-Aug 31, 2024

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 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

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-Jan 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-Dec 31, 2024

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Apr 2024

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing in 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-May 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.

Government Publication Date: 1988-Feb 28, 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-Aug 2024

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 - May 31, 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 - May 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 - May 31, 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 cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09). 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-May 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-Mar 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, 2021

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

Government Publication Date: Dec 31 2023

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.