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Paterson Group Inc.

Consulting Engineers
154 Colonnade Road South
Ottawa (Nepean), Ontario
Canada K2E 7J5

Tel: (613) 226-7381
Fax: (613) 226-6344
www.patersongroup.ca

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Phase I - Environmental Site Assessment

Part of 100 Nipissing Court
Ottawa, Ontario

Prepared For

1497328 Ontario Inc.
c/o Taggart Realty Management

February 10, 2020

Report: PE4865-1

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EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Taggart Realty Management, acting on behalf of 1497328 Ontario Inc., to conduct a Phase I - Environmental Site Assessment (Phase I ESA) for part of the property addressed 100 Nipissing Court, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the subject site and study area as well as to identify any environmental concerns with the potential to have impacted the subject site.

According to the historical information reviewed, the subject site has never been formally developed, and was historically used for agricultural purposes. Sometime between 2015 and 2017, the subject site was stripped of native topsoil and vegetation, in preparation for future development. No environmental concerns were identified with respect to the historical use of the subject site.

The neighbouring properties in the vicinity of the subject site were also historically used for agricultural purposes. Between 2015 and 2018, three (3) of the neighbouring properties were developed with two (2) commercial retail buildings as well as a postal distribution centre. No environmental concerns were identified with respect to the historical use of the neighbouring properties.

Following the historical review, a site inspection was conducted on January 21, 2020. The subject site is currently vacant and stripped of native topsoil and vegetation. The neighbouring properties were observed to consist of vacant land, commercial retail buildings, and a postal distribution centre. No environmental concerns were identified with respect to the current use of the subject site or the neighbouring properties.

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

1.0 INTRODUCTION

At the request of Taggart Realty Management, acting on behalf of 1497328 Ontario Inc., Paterson Group (Paterson) conducted a Phase I - Environmental Site Assessment (Phase I ESA) for part of the property addressed 100 Nipissing Court, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the subject site and study area as well as to identify any environmental concerns with the potential to have impacted the subject site.

Paterson was engaged to conduct this Phase I ESA by Mr. Braden Walker of Taggart Realty Management. Mr. Walker can be reached by telephone at 613-234-7000.

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

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

2.0 SUBJECT SITE INFORMATION

Address:	Part of 100 Nipissing Court, Ottawa, Ontario.
Legal Description:	Block 2, Part of Lot 3, Concession 1; Part 3 of Registered Plan 4R-28887; Formerly the Geographic Township of Huntley, in the City of Ottawa, Ontario.
Property Identification Number (PIN):	Part of 04508-0135
Location:	The subject site is located on the west side of the Nipissing Court right-of-way, approximately 145 m southeast of Campeau Drive, in the City of Ottawa, Ontario.
Latitude and Longitude:	45° 17' 34" N, 75° 56' 43" W
Site Description:	
Configuration:	Irregular
Site Area:	1.10 ha (approximate)
Zoning:	IP13[2166]-h – Business Park Industrial Zone
Current Use:	The subject site is currently vacant.
Services:	The subject site is located in a municipally serviced area.

3.0 SCOPE OF INVESTIGATION

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

- ☐ Determine the historical activities on the subject site and study area by conducting a review of readily available records, reports, photographs, plans, mapping, databases, and regulatory agencies;
- ☐ Investigate the existing conditions present at the subject site and study area by conducting site reconnaissance;
- ☐ Conduct interviews with persons knowledgeable of current and historic operations on the subject site and, if warranted, neighbouring properties;
- ☐ Present the results of our findings in a comprehensive report in general accordance with the requirements of Ontario Regulation 269/11 amending O.Reg. 153/04 made under the Environmental Protection Act and in compliance with the requirements of CSA Z768-01;
- ☐ Provide a preliminary environmental site evaluation based on our findings;
- ☐ Provide preliminary remediation recommendations and further investigative work if contamination is suspected or encountered.

4.0 RECORDS REVIEW

4.1 General

Phase I ESA Study Area Determination

A radius of approximately 250 m was determined to be appropriate as a Phase I ESA study area for this assignment. Properties located outside of this 250 m radius are not considered to have impacted the subject site, based on their significant distances.

First Developed Use Determination

According to the historical information reviewed, the subject site has never been formally developed. The subject site was historically used for agricultural purposes and is currently stripped of native topsoil and vegetation.

Plan of Survey

A plan of survey, prepared by Stantec Geomatics Ltd. and dated August 14, 2019, was reviewed as part of this assessment. The plan depicts the subject site in its current configuration.

Fire Insurance Plans

No fire insurance plans (FIPs) are available for the general area of the subject site.

City Street Directories

No city directories are available for the general area of the subject site.

Previous Engineering Reports

As part of this assessment, the following reports were reviewed:

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

The 2014 Phase I ESA report was completed for a large parcel of land, which includes the following addresses: 405-425 Huntmar Drive and 3001 Palladium Drive, and forms part of the Kanata West Business Park.

The historical research completed as part of the Phase I ESA indicated that the land had historically been used for agricultural purposes, although it had become overgrown with low-lying brush in more recent years. No indication of any former development on the subject lands was identified. No environmental concerns were identified with respect to the past or present use of the subject lands or the neighbouring properties. The report concluded that a Phase II – Environmental Site Assessment was not required for the subject lands.

- *“Phase I Environmental Site Assessment Update, Vacant Properties, 100 and 101 Nipissing Court, Ottawa, Ontario.”* Prepared by Paterson Group and dated April 22, 2019.

Paterson conducted a Phase I ESA Update for the properties addressed 100 and 101 Nipissing Court, which consist of approximately 4.6 hectares of the initially assessed lands from the aforementioned 2014 Phase I ESA report.

A review of recent environmental records, as well as a site inspection, generally confirmed the information and findings contained in the previous 2014 Phase I ESA. Since that time, no changes resulting in potential environmental concerns have been made on the subject lands or surrounding properties. As a result, the report concluded that a Phase II – Environmental Site Assessment would not be required for the subject lands.

4.2 Environmental Source Information

National Pollutant Release Inventory

A search of the Environment Canada National Pollutant Release Inventory (NPRI) was conducted as part of this assessment. The database search did not identify any listed records of pollutant releases pertaining to the subject site or for any properties located within the Phase I study area.

National PCB Waste Storage Site Inventory

A search of the national PCB waste storage site inventory was conducted as part of this assessment. The search did not identify any current or former PCB waste storage sites situated within the Phase I study area.

Ontario Ministry of Environment, Conservation and Parks (MECP) Waste Disposal Site Inventory

The Ontario Ministry of Environment and Climate Change document entitled, *"Waste Disposal Site Inventory in Ontario, 1991"* was reviewed as part of this assessment. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants, and coal tar distillation plants situated in the Province of Ontario. A review of this document did not identify any relevant records pertaining to the subject site or for properties located within the Phase I study area.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment, Conservation and Parks document entitled, *"Municipal Coal Gasification Plant Site Inventory, 1991"* was reviewed to reference the locations of former plants with respect to the subject site. A review of this document did not identify any former coal gasification plants situated on the subject site or within the Phase I study area.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted for the subject site as well as for properties located within the Phase I study area. The search did not identify any Records of Site Condition (RSCs) filed for the subject site or for any properties located within the Phase I study area.

OMNRF Areas of Natural and Scientific Interest

A search was conducted for areas of natural and scientific interest within the Phase I study area via the Ontario Ministry of Natural Resources and Forestry (OMNRF) website. The search did not identify any areas of natural and scientific interest on the subject site or within the Phase I study area.

ERIS Database Report

A database report, prepared by ERIS (Environmental Risk Information Services) Ltd. and dated February 6, 2020, was acquired and reviewed as part of this assessment. The complete ERIS report has been included in Appendix 2.

☐ On-Site Records:

No environmental records were identified pertaining to the subject site.

☐ Off-Site Records:

The ERIS report identified various environmental records pertaining to properties situated within 250 m of the subject site. These records include one (1) environmental registry, three (3) environmental compliance approvals, four (4) Ontario Regulation 347 Waste Generator Summaries, and one (1) Ontario spill event.

These records are listed for properties which are situated at a significant distance away or are located in a down-gradient or cross-gradient orientation relative to the subject site. As a result, none of the off-site records identified by ERIS are considered to pose an environmental concern to the subject site.

City of Ottawa Historical Land Use Inventory (HLUI)

As part of the initial 2014 Phase I ESA, conducted for a larger parcel of land which included the current subject site, a requisition form was sent to the City of Ottawa to request information from the City's Historical Land Use Inventory (HLUI-2005) database.

Based on the information provided by the City, no potentially contaminating activities were identified on or within the vicinity of the subject lands.

With respect to this Phase I ESA report, a new request for information was not submitted to the City since the HLUI database is from 2005 and no new information on the history of the subject site would be provided.

City of Ottawa Landfill Document

The document prepared by Golder Associates entitled "*Old Landfill Management Strategy, Phase I - Identification of Sites, City of Ottawa*", was reviewed as part of this assessment. A review of this document did not identify any landfill sites within the Phase I study area.

One (1) active landfill site was identified approximately 1.5 km to the west, however, based on its separation distance, it is not considered to pose an environmental concern to the subject site.

4.3 Physical Setting Sources

Aerial Photographs

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

- | | |
|------|---|
| 1947 | <i>(Poor Scale)</i> The subject site and surrounding properties appear to be vacant and used for agricultural purposes at this time. |
| 1959 | <i>(Poor Scale)</i> No significant changes are apparent with respect to the subject site or the surrounding properties. |
| 1976 | <i>(City of Ottawa Website)</i> No significant changes are apparent with respect to the subject site or the surrounding properties. |
| 1988 | <i>(Poor Scale)</i> No significant changes are apparent with respect to the subject site or the surrounding properties. Highway No. 417 can be seen to the south of the subject site in this photograph. |
| 2002 | <i>(City of Ottawa Website)</i> No significant changes are apparent with respect to the subject site or the surrounding properties. |
| 2009 | <i>(City of Ottawa Website)</i> No significant changes are apparent with respect to the subject site or the surrounding properties. |
| 2018 | <i>(Google Earth)</i> The subject site appears to be stripped of native topsoil and vegetation in preparation for future development. Campeau Drive can be seen in its current configuration at this time. A large warehouse-style building can be seen immediately to the west of the subject and two (2) commercial retail buildings can be seen further to the east. A stormwater management pond can also be seen immediately to the south of the subject site. |

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

Water Bodies

There are no water bodies present on the subject site. The nearest water body with respect to the subject site is a tributary creek of the Carp River, located approximately 115 m to the southeast.

Topographic Maps

Topographic information was obtained from Natural Resources Canada – The Atlas of Canada website. The topographic maps indicate that the elevation of the subject site is approximately 106 m above sea level. The regional topography in the general area of the subject site slopes down towards the northeast, in the direction of the Carp River. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Physiographic Maps

A Physiographic Map was reviewed from the Natural Resources Canada – The Atlas of Canada website, as a part of this assessment. According to the publication and mapping information, the subject site is situated within the St. Lawrence Lowlands, which are described as, “...plain-like areas that were all affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets.” The subject site is specifically located within the Central St. Lawrence Lowland area, which is rarely more than 150 m above sea level.

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on the information from NRCAN, the bedrock within the area of the subject site consists of interbedded shale and limestone of the Verulam Formation (north) as well as interbedded limestone and dolomite of the Gull River Formation (south). The surficial geology generally consists of offshore marine sediments (clay and silt), with an overburden thickness ranging from 10 m to 15 m.

MECP Water Well Records

A search of the MECPs website for all drilled well records within 250 m of the subject site was conducted as part of this assessment. According to the search results, no water well records were identified within the Phase I study area.

5.0 SITE RECONNAISSANCE

5.1 General Requirements

The site inspection was conducted on Tuesday, January 21, 2020, between 10:00 AM and 10:30 AM. Weather conditions were clear, with a temperature of approximately -13°C. Mr. Nick Sullivan, from the Environmental Department of Paterson Group, conducted the site inspection. In addition to the subject site, the uses of neighbouring properties within the Phase I study area were also assessed at the time of the site inspection.

5.2 Personal Interviews

Mr. Braden Walker, a development and construction associate with Taggart Realty Management, was contacted via email for information regarding the history of the subject site. According to Mr. Walker, the subject site was historically used for agricultural purposes, prior to 2000, and has since remained vacant. Mr. Walker stated that, to his knowledge, no permanent structures have ever been present on the subject site. Mr. Walker further stated that the subject site was stripped of topsoil and native vegetation approximately five (5) years ago, and that no non-native fill material was ever imported on-site. Mr. Walker was unaware of any environmental concerns regarding the present status of the subject site.

5.3 Specific Observations at the Phase I Property

Site Features

Paterson previously conducted an environmental site inspection of the subject site on April 20, 2019. At that time, the subject site was observed to be undeveloped, although the original vegetation and topsoil had been stripped in preparation for future development. A surficial inspection of the property did not identify any hazardous materials, surficial staining, unidentified substances, or any other signs of potential subsurface contamination.

During the April 2019 site inspection, small piles of stockpiled soil were observed on the eastern property boundary, along the Nipissing Court right-of-way. This material was considered to be reworked native soil, which was piled during the installation of stormwater sewer lines along the Nipissing Court right-of-way, and thus does not represent an environmental concern to the subject site. No environmental concerns were identified with respect to the use of the subject site or the neighbouring properties during the April 2019 site inspection.

The site topography was observed to slope very gently down towards the south, whereas the regional topography was observed to be generally flat. Water drainage on-site was noted to consist of surface infiltration throughout the subject site, in addition to surface run-off towards a stormwater management pond, located immediately to the south.

At the time of the current site inspection, no significant changes were observed with respect to the subject site or the neighbouring properties, since the time of the April 2019 site inspection.

A depiction of the subject site is presented on Drawing PE4865-1 – Site Plan, in the Figures section of this report.

Buildings and Structures

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

Underground Utilities

There are no underground utilities present on the subject site that we are aware of.

Potential Environmental Concerns

☐ **Fuels and Chemical Storage**

No chemical storage areas, above ground storage tanks (ASTs), or signs of underground storage tanks (USTs), were observed on the exterior of the subject site at the time of the site inspection.

☐ **Hazardous Materials and Unidentified Substances**

No hazardous materials, unidentified substances, surficial staining, spills, abnormal odours, or indications of potential sub-surface contamination were observed on the subject site at the time of the site inspection.

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

No sources of PCBs were identified on the subject site at the time of the site inspection.

☐ **Waste Management**

No waste materials are currently being generated on the subject site.

☐ **Wastewater Drainage**

Wastewater is not currently being generated on the subject site. Stormwater runoff is currently discharged from the subject site towards a stormwater management pond, located immediately to the south.

Neighbouring Properties

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

- North:* Campeau Drive, followed by vacant land;
- South:* A stormwater management pond, followed by vacant treed land and a tributary creek of the carp river;
- East:* Nipissing Court right-of-way, followed by vacant land and two (2) commercial retail buildings: Cabela's (an outdoor recreation equipment store) and Princess Auto (an auto parts store);
- West:* A postal distribution facility (UPS Kanata Distribution Centre), followed by vacant land.

No environmental concerns were identified with respect to the current use of the neighbouring properties. The neighbouring land use within the Phase I study area is illustrated on Drawing PE4865-2 – Surrounding Land Use Plan, appended to this report.

6.0 REVIEW AND EVALUATION OF INFORMATION

6.1 Land Use History

According to the historical information reviewed, the subject site has never been formally developed. The subject site was historically used for agricultural purposes and is currently stripped of topsoil and native vegetation.

Potentially Contaminating Activities (PCAs)

No potentially contaminating activities were identified on the subject site or within the Phase I study area.

Areas of Potential Environmental Concern (APECs)

No areas of potential environmental concern were identified with respect to the subject site.

Contaminants of Potential Concern (CPCs)

No contaminants of potential concern were identified on the subject site.

6.2 Conceptual Site Model

Existing Buildings and Structures

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

Geological and Hydrogeological Setting

Based on the information from the Geological Survey of Canada, the bedrock in the area of the subject site consists of interbedded shale and limestone as well as interbedded limestone and dolomite. The surficial geology generally consists of offshore marine sediments (clay and silt), with an overburden thickness ranging from 10 m to 15 m.

Based on the local topography in the vicinity of the subject site, groundwater is anticipated to be flowing towards the southeast, in the direction of a tributary creek of the Carp River.

Areas of Natural and Scientific Interest

No areas of natural and scientific interest were identified on the subject site or within the Phase I study area.

Water Bodies

There are no water bodies present on the subject site. The nearest water body with respect to the subject site is a tributary creek of the Carp River, located approximately 115 m to the southeast.

Water Wells

No MECP water well records were identified on the subject site or within the Phase I study area.

Neighbouring Land Use

Neighbouring land use within the Phase I study area consists predominantly of vacant land or commercial retail properties. No environmental concerns were identified with respect to the use of the neighbouring properties.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 6.1 of this report, no potentially contaminating activities or areas of potential environmental concern were identified with respect to the subject site.

Contaminants of Potential Concern

No contaminants of potential concern were identified on the subject site.

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I ESA is considered to be sufficient to conclude that there are no PCAs or APECs associated with the subject site. The absence of PCAs was confirmed by a variety of independent sources, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

7.0 CONCLUSION

Assessment

Paterson Group was retained by Taggart Realty Management, acting on behalf of 1497328 Ontario Inc., to conduct a Phase I - Environmental Site Assessment (Phase I ESA) for part of the property addressed 100 Nipissing Court, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the subject site and study area as well as to identify any environmental concerns with the potential to have impacted the subject site.

According to the historical information reviewed, the subject site has never been formally developed, and was historically used for agricultural purposes. Sometime between 2015 and 2017, the subject site was stripped of native topsoil and vegetation, in preparation for future development. No environmental concerns were identified with respect to the historical use of the subject site.

The neighbouring properties in the vicinity of the subject site were also historically used for agricultural purposes. Between 2015 and 2018, three (3) of the neighbouring properties were developed with two (2) commercial retail buildings as well as a postal distribution centre. No environmental concerns were identified with respect to the historical use of the neighbouring properties.

Following the historical review, a site inspection was conducted on January 21, 2020. The subject site is currently vacant and stripped of native topsoil and vegetation. The neighbouring properties were observed to consist of vacant land, commercial retail buildings, and a postal distribution centre. No environmental concerns were identified with respect to the current use of the subject site or the neighbouring properties.

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

8.0 STATEMENT OF LIMITATIONS

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

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

This report was prepared for the sole use of 1497328 Ontario Inc. and Taggart Realty Management. Permission and notification from the aforementioned parties and Paterson Group will be required prior to the release of this report to any other party.

Paterson Group Inc.



Nick Sullivan, B.Sc.



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



Report Distribution:

- 1497328 Ontario Inc.
- Taggart Realty Management
- Paterson Group Inc.

9.0 REFERENCES

Federal Records

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

Provincial Records

- ☐ MECP: Municipal Coal Gasification Plant Site Inventory, 1991.
- ☐ MECP: Waste Disposal Site Inventory, 1991.
- ☐ MECP: Brownfields Environmental Site Registry.
- ☐ MECP: Water Well Records
- ☐ Ministry of Natural Resources and Forestry: Areas of Natural Significance.
- ☐ Chapman, L.J., and Putnam, D.F., 1984: 'The Physiography of Southern Ontario, Third Edition', Ontario Geological Survey Special Volume 2.

Municipal Records

- ☐ City of Ottawa: GeoOttawa eMap Website.

Local Information Sources

- ☐ ERIS: Database Report.
- ☐ Previous Engineering Reports.

Public Information Sources

- ☐ Google Earth.
- ☐ Google Maps/Street View.

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE4865-1 – SITE PLAN

DRAWING PE4865-2 – SURROUNDING LAND USE PLAN

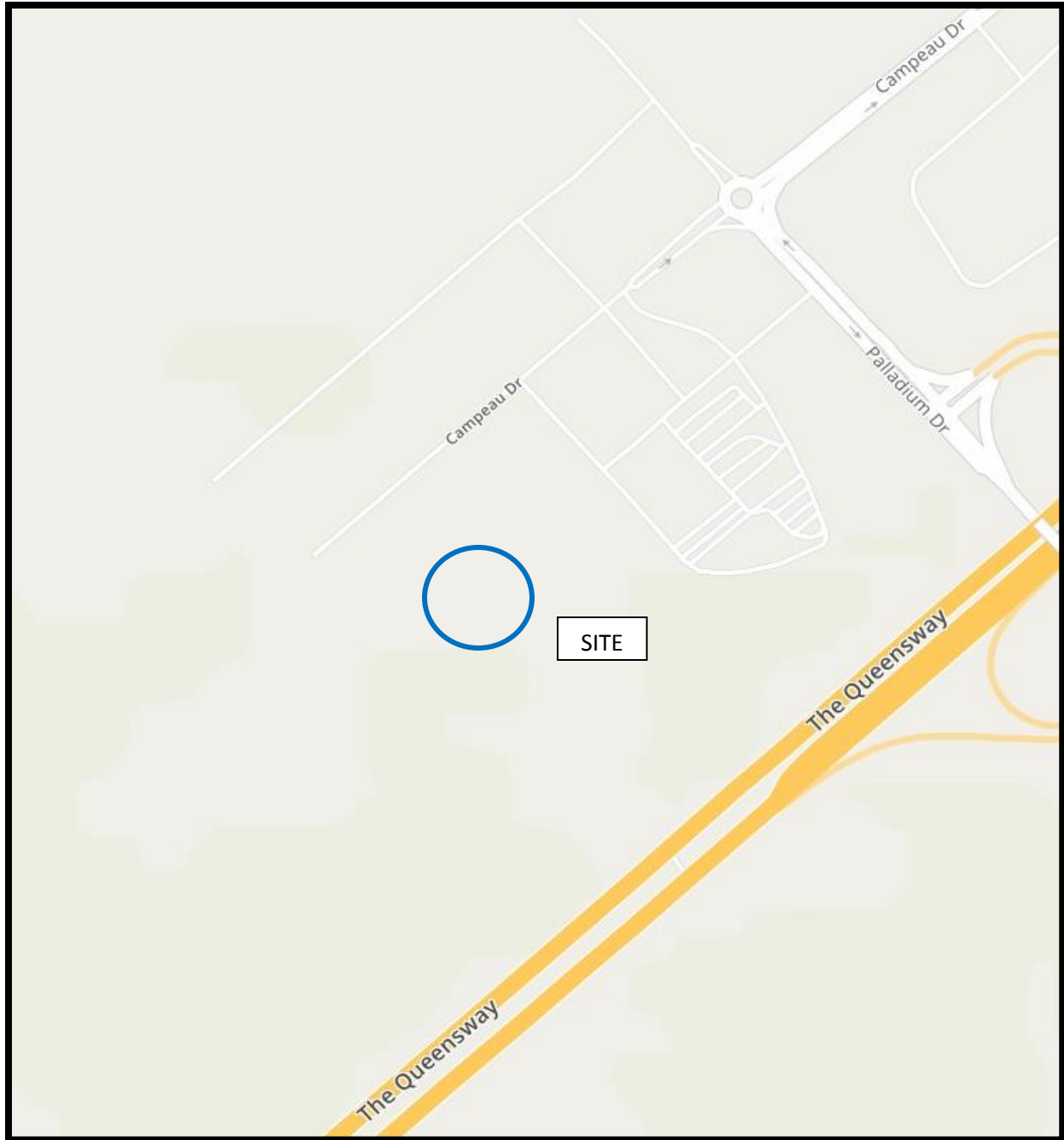


FIGURE 1
KEY PLAN

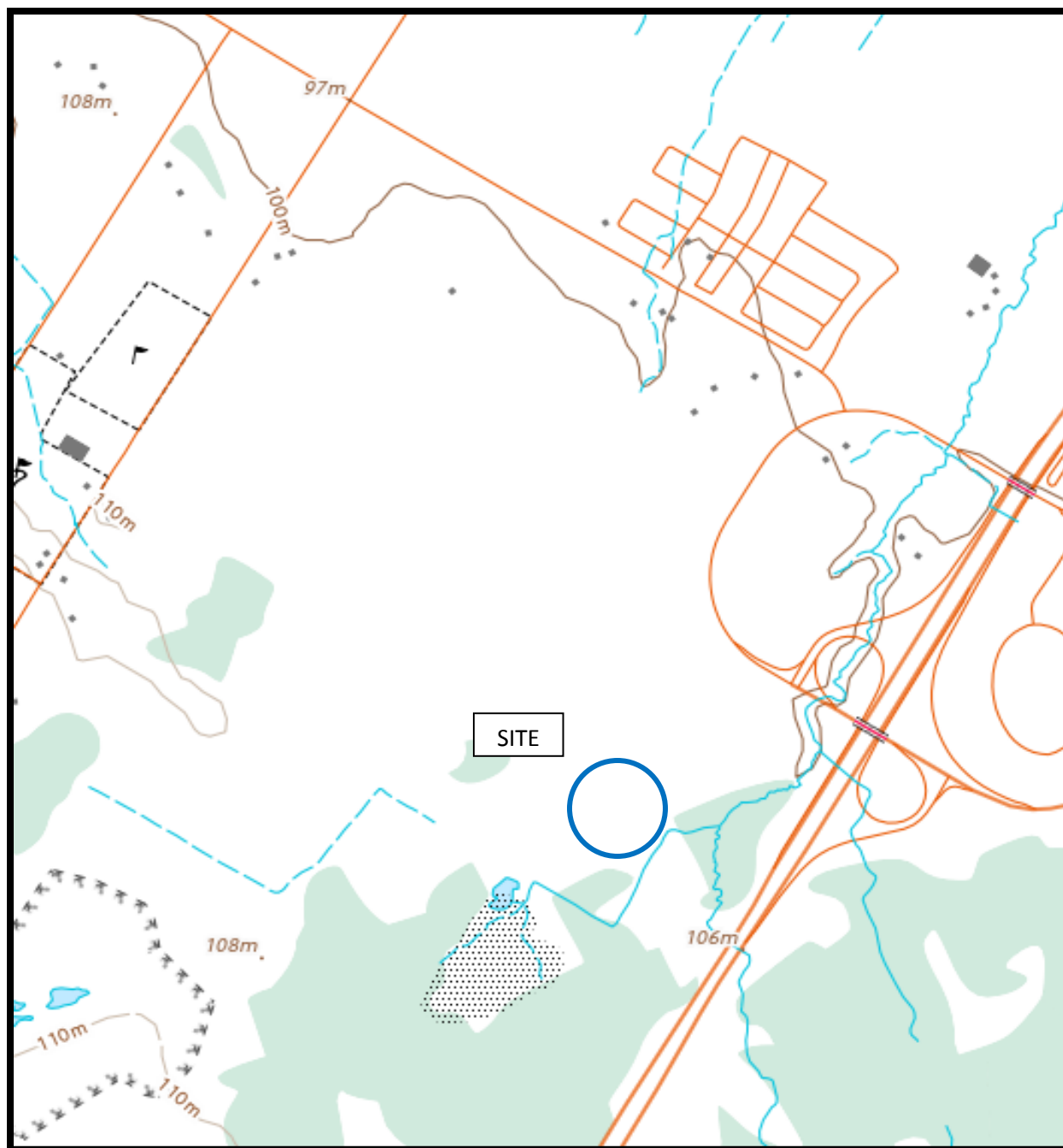
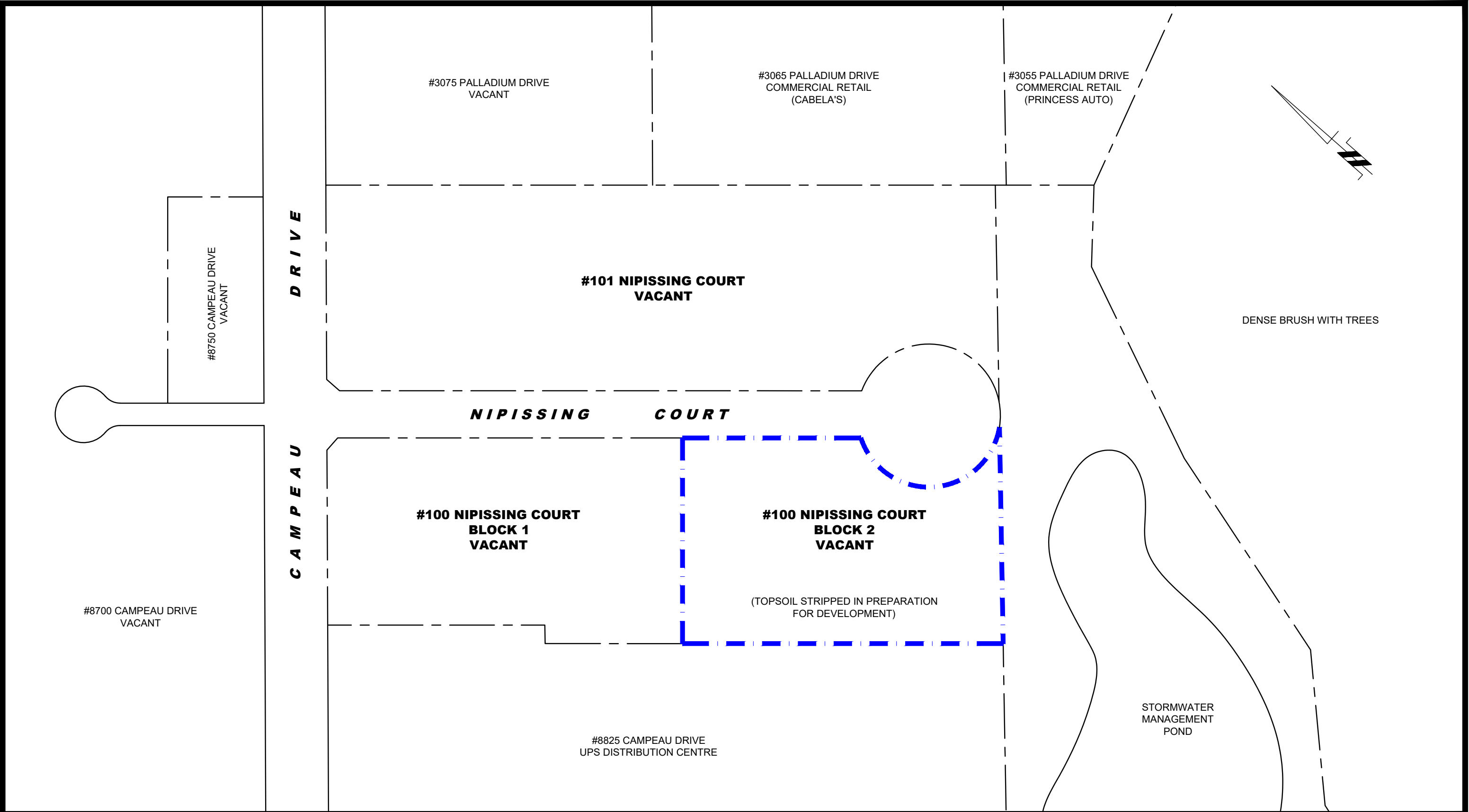
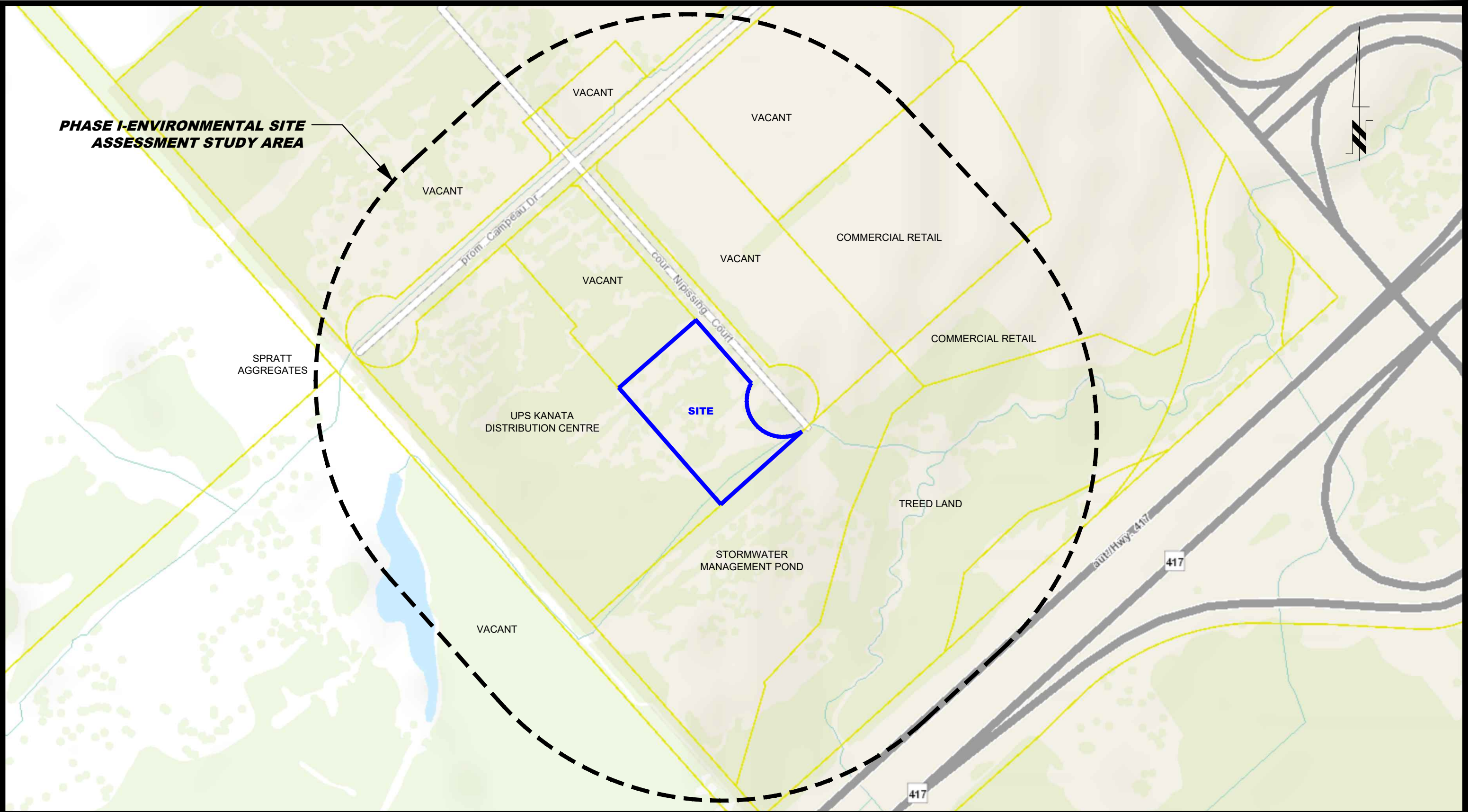


FIGURE 2
TOPOGRAPHIC MAP



<div><div>patersongroup</div><div>consulting engineers</div><div>154 Colonnade Road South Ottawa, Ontario K2E 7J5 Tel: (613) 226-7381 Fax: (613) 226-6344</div></div>					<div>1497328 ONTARIO INC. c/o TAGGART REALTY MANAGEMENT</div> <div>PHASE I - ENVIRONMENTAL SITE ASSESSMENT</div> <div>PART OF 100 NIPISSING COURT</div> <div>OTTAWA, ONTARIO</div> <div>Title: SITE PLAN</div>	<div>Scale: 1:1500</div> <div>Drawn by: NFRV</div> <div>Checked by: NS</div> <div>Approved by: MSD</div>	<div>Date: 01/2020</div> <div>Report No.: PE4865-1</div> <div>Dwg. No.: PE4865-1</div> <div>Revision No.:</div>	
NO.	REVISIONS	DATE	INITIAL					

p:\autocad drawings\environmental\pe4865\pe4865-1-site plan.dwg



patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

1497328 ONTARIO INC. c/o TAGGART REALTY MANAGEMENT

PHASE I - ENVIRONMENTAL SITE ASSESSMENT

PART OF 100 NIPISSING COURT

OTTAWA, ONTARIO

Title:

SURROUNDING LAND USE PLAN

Scale:	1:3000	Date:	01/2020
Drawn by:	NFRV	Report No.:	PE4865-1
Checked by:	NS	Dwg. No.:	PE4865-2
Approved by:	MSD	Revision No.:	

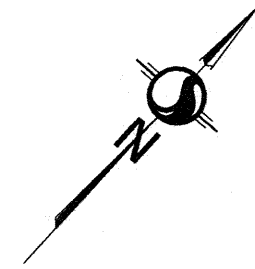
p:\autocad\drawings\environmental\pe4865\pe4865-2 surrounding land use plan.dwg

APPENDIX 1

PLAN OF SURVEY

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS



ROAD ALLOWANCE BETWEEN CONCESSIONS 1 AND 2 (NOT TRAVELLED)

Enrico

PLAN 4M- 1642

C. Holloway

DATE _____

KEVIN MCCRANN, VICE PRESIDENT
WEST OTTAWA LAND HOLDINGS INC.
I HAVE THE AUTHORITY TO BIND
THE CORPORATION



Stantec

CANADA LANDS SURVEYORS
ONTARIO LAND SURVEYORS
1331 CLYDE AVENUE, SUITE 400
OTTAWA, ONTARIO, K2C 3G4
TEL. 613.722.4420 FAX. 613.722.27
stantec.com

DRAWN: NJ	CHECKED: BW	PM: BW	FIELD: CA	PROJECT No.: 161612445-432
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OBSERVED REFERENCE POINTS DERIVED FROM THE CAN-NET VRS NETWORK GPS OBSERVATIONS ON NCC HORIZONTAL CONTROL MONUMENTS 19720355 AND 19480191, CENTRAL MERIDIAN, 76° 30' WEST LONGITUDE MTM ZONE 9, NAD83 (ORIGINAL), COORDINATES TO URBAN ACCURACY PER SEC 14(2) OF O.REG. 216/10

ORP ID	NORTHING	EASTING
(A)	5017267.37	348152.75
(B)	5017050.63	348335.59

COORDINATES CANNOT, IN THEMSELVES, BE USED TO RE-ESTABLISH CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.



AERIAL PHOTOGRAPH
1947



AERIAL PHOTOGRAPH
1959



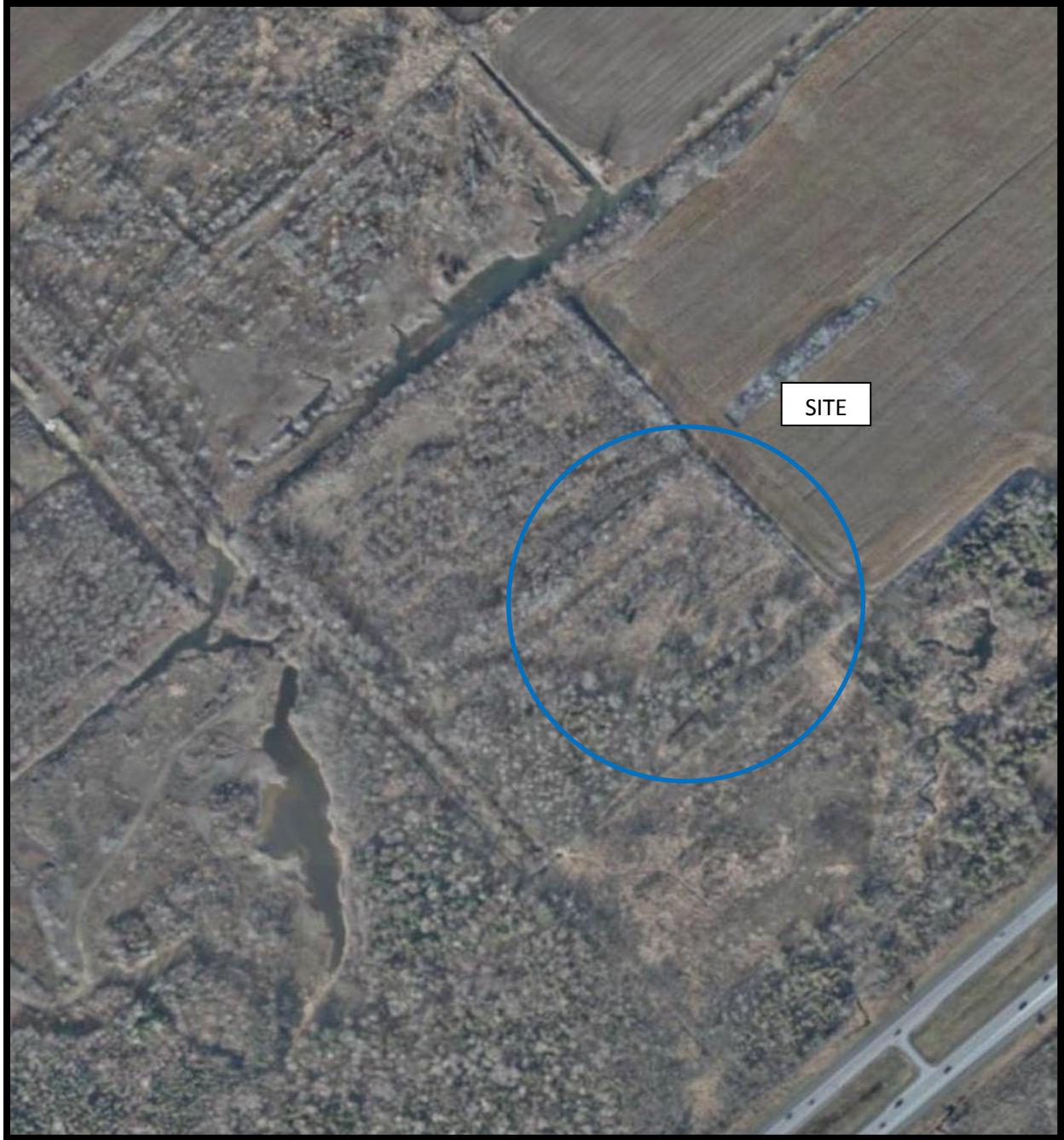
AERIAL PHOTOGRAPH
1976



AERIAL PHOTOGRAPH
1988



AERIAL PHOTOGRAPH
2002



AERIAL PHOTOGRAPH
2009



AERIAL PHOTOGRAPH
2018

Site Photographs

PE4865

Part of 100 Nipissing Court, Ottawa, Ontario

January 21, 2020



Photograph 1: View of the southern portion of the property, facing north.



Photograph 2: View of the eastern portion of the property, facing west.

Site Photographs

PE4865

Part of 100 Nipissing Court, Ottawa, Ontario

January 21, 2020



Photograph 3: View of the northern portion of the property, facing south from Campeau Drive.

APPENDIX 2

ERIS DATABASE REPORT



DATABASE REPORT

Project Property:	<i>Phase I ESA 100 Nipissing Court Ottawa ON PE4B65</i>
Project No:	<i>PE4865</i>
Report Type:	<i>Standard Report</i>
Order No:	<i>20200203072</i>
Requested by:	<i>Paterson Group Inc.</i>
Date Completed:	<i>February 6, 2020</i>

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

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Executive Summary

Property Information:

Project Property: *Phase I ESA
100 Nipissing Court Ottawa ON*

Project No: *PE4865*

Coordinates:

Latitude: *45.2930198*
Longitude: *-75.9450417*
UTM Northing: *5,015,936.38*
UTM Easting: *425,896.91*
UTM Zone: *18T*

Elevation: *344 FT
104.92 M*

Order Information:

Order No: *20200203072*
Date Requested: *February 3, 2020*
Requested by: *Paterson Group Inc.*
Report Type: *Standard Report*

Historical/Products:

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	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	0	0
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	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
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	1	1
ECA	Environmental Compliance Approval	Y	0	3	3
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	0	0
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
FED TANKS	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	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	4	4
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	1	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
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	0	0
		Total:	0	9	9

Executive Summary: Site Report Summary - Project Property

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

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<u>1</u>	ECA	West Ottawa Land Holdings Inc., and Cabela's Retail Canada Inc.	3001 Palladium Dr Part of Lots 3 and 4 Concession 1 Ottawa ON K1V 8Y3	ENE/118.5	-1.04	<u>13</u>
<u>1</u>	ECA	West Ottawa Land Holdings Inc.	3001 Palladium Dr Part of Lots 3 and 4 Concession 1 Ottawa ON K1V 8Y3	ENE/118.5	-1.04	<u>13</u>
<u>1</u>	SPL		3001 Palladium Dr Part of Lots 3 and 4 Concession 1 Ottawa ON NA	ENE/118.5	-1.04	<u>13</u>
<u>2</u>	GEN	Princess Auto Ltd.	3055 Palladium Drive Kanata ON K2K 0C1	ENE/180.9	-2.04	<u>14</u>
<u>3</u>	ECA	United Parcel Service Canada Ltd.	8825 Campeau Dr Ottawa ON L7L 0C2	W/211.4	-1.04	<u>15</u>
<u>3</u>	GEN	United Parcel Service Canada Ltd.	8825 Campeau Drive Ottawa ON K2T 0N8	W/211.4	-1.04	<u>15</u>
<u>3</u>	GEN	United Parcel Service Canada Ltd.	8825 Campeau Drive Ottawa ON K2T 0N8	W/211.4	-1.04	<u>15</u>
<u>4</u>	EBR	United Parcel Service Canada Ltd.	8825 Campeau Drive Ottawa CITY OF OTTAWA ON	W/211.7	-1.04	<u>16</u>
<u>5</u>	GEN	Princess Auto Ltd.	3055 Palladium Drive Kanata ON K2K 0C1	E/242.2	-3.04	<u>16</u>

Executive Summary: Summary By Data Source

EBR - Environmental Registry

A search of the EBR database, dated 1994-Dec 31, 2019 has found that there are 1 EBR site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
United Parcel Service Canada Ltd.	8825 Campeau Drive Ottawa CITY OF OTTAWA ON	W	211.71	<u>4</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Dec 31, 2019 has found that there are 3 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
West Ottawa Land Holdings Inc.	3001 Palladium Dr Part of Lots 3 and 4 Concession 1 Ottawa ON K1V 8Y3	ENE	118.45	<u>1</u>
West Ottawa Land Holdings Inc., and Cabela's Retail Canada Inc.	3001 Palladium Dr Part of Lots 3 and 4 Concession 1 Ottawa ON K1V 8Y3	ENE	118.45	<u>1</u>
United Parcel Service Canada Ltd.	8825 Campeau Dr Ottawa ON L7L 0C2	W	211.38	<u>3</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2019 has found that there are 4 GEN site(s) within approximately 0.25 kilometers of the project property.

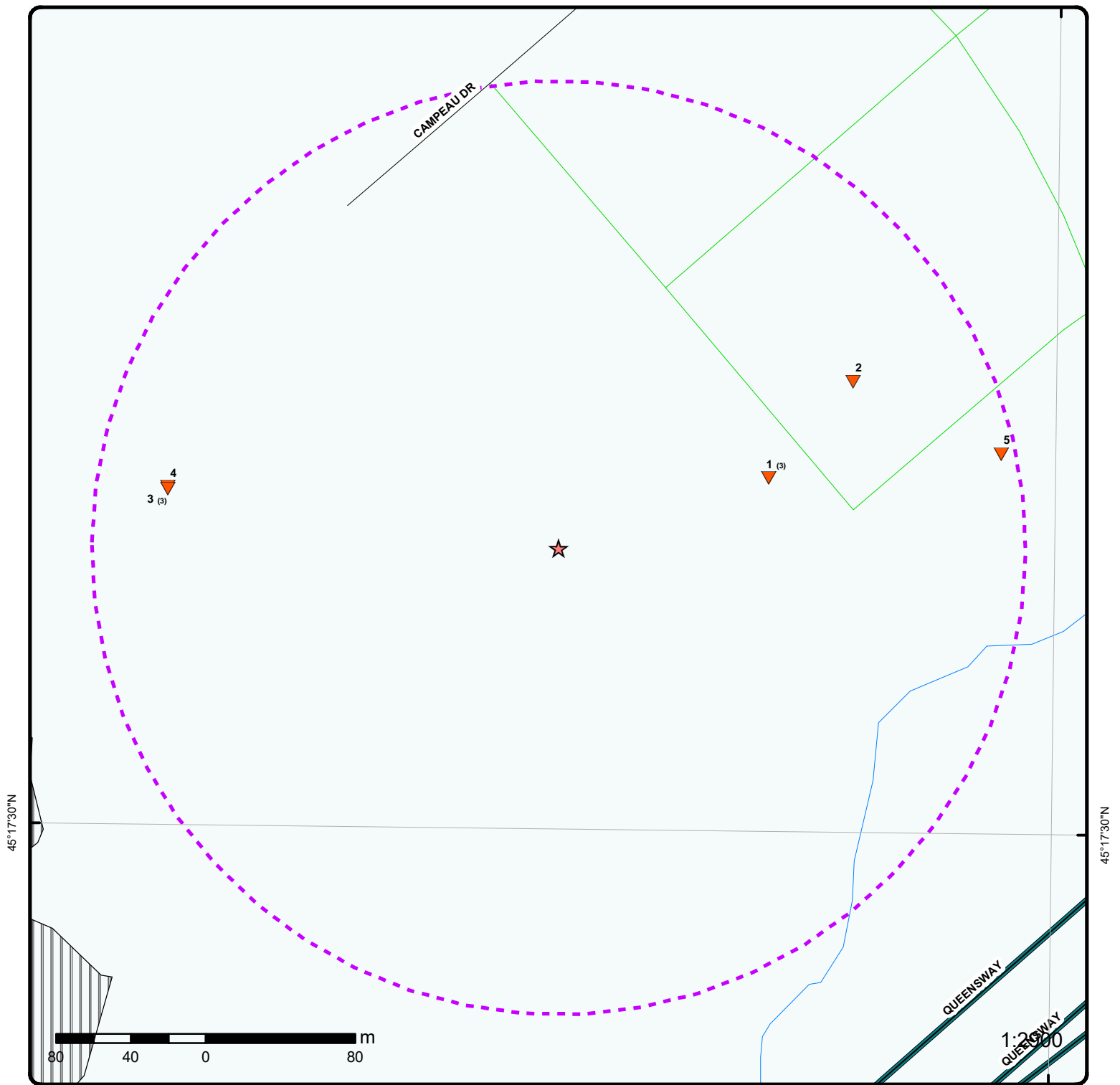
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Princess Auto Ltd.	3055 Palladium Drive Kanata ON K2K 0C1	ENE	180.95	<u>2</u>
United Parcel Service Canada Ltd.	8825 Campeau Drive Ottawa ON K2T 0N8	W	211.38	<u>3</u>

United Parcel Service Canada Ltd.	8825 Campeau Drive Ottawa ON K2T 0N8	W	211.38	3
Princess Auto Ltd.	3055 Palladium Drive Kanata ON K2K 0C1	E	242.24	5

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2019 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	3001 Palladium Dr Part of Lots 3 and 4 Concession 1 Ottawa ON NA	ENE	118.45	1



Map : 0.25 Kilometer Radius

Order Number: 20200203072

Address: 100 Nipissing Court, Ottawa, ON

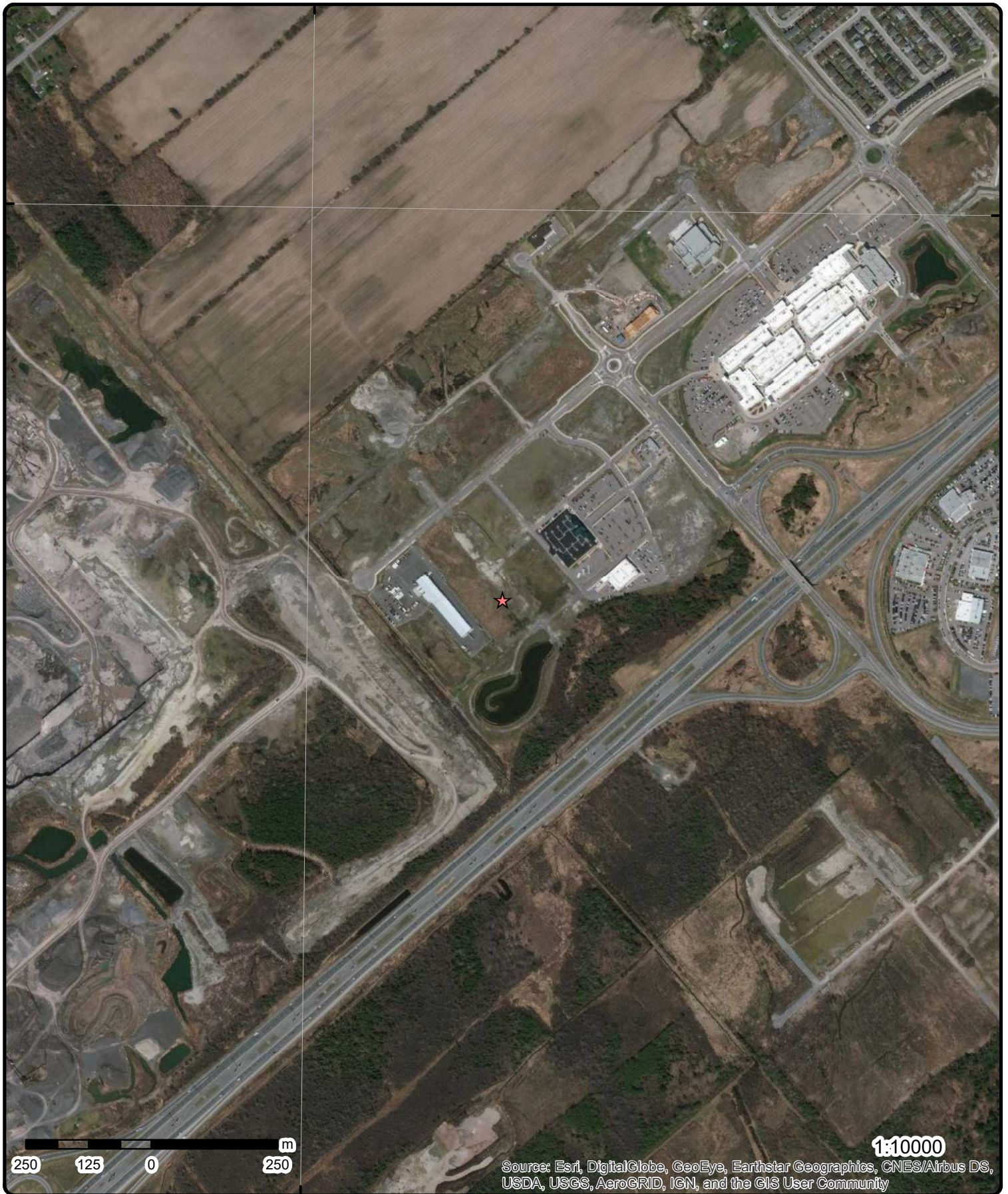


★ Project Property	Expressway	Industrial and Resource - Regions	National Park
⬡ Buffer Outline	Principal Highway	Main Line	Provincial or Territorial Park
▲ Eris Sites with Higher Elevation	Secondary Highway	Sidetrack	Other Park
■ Eris Sites with Same Elevation	Major Road	Transit Line	Golf Course or Driving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

75°57'W

45°18'N

45°18'N



Aerial Year: 2019

Address: 100 Nipissing Court, Ottawa, ON

Source: ESRI World Imagery

Order Number: 20200203072



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75°58'30"W

75°57'W

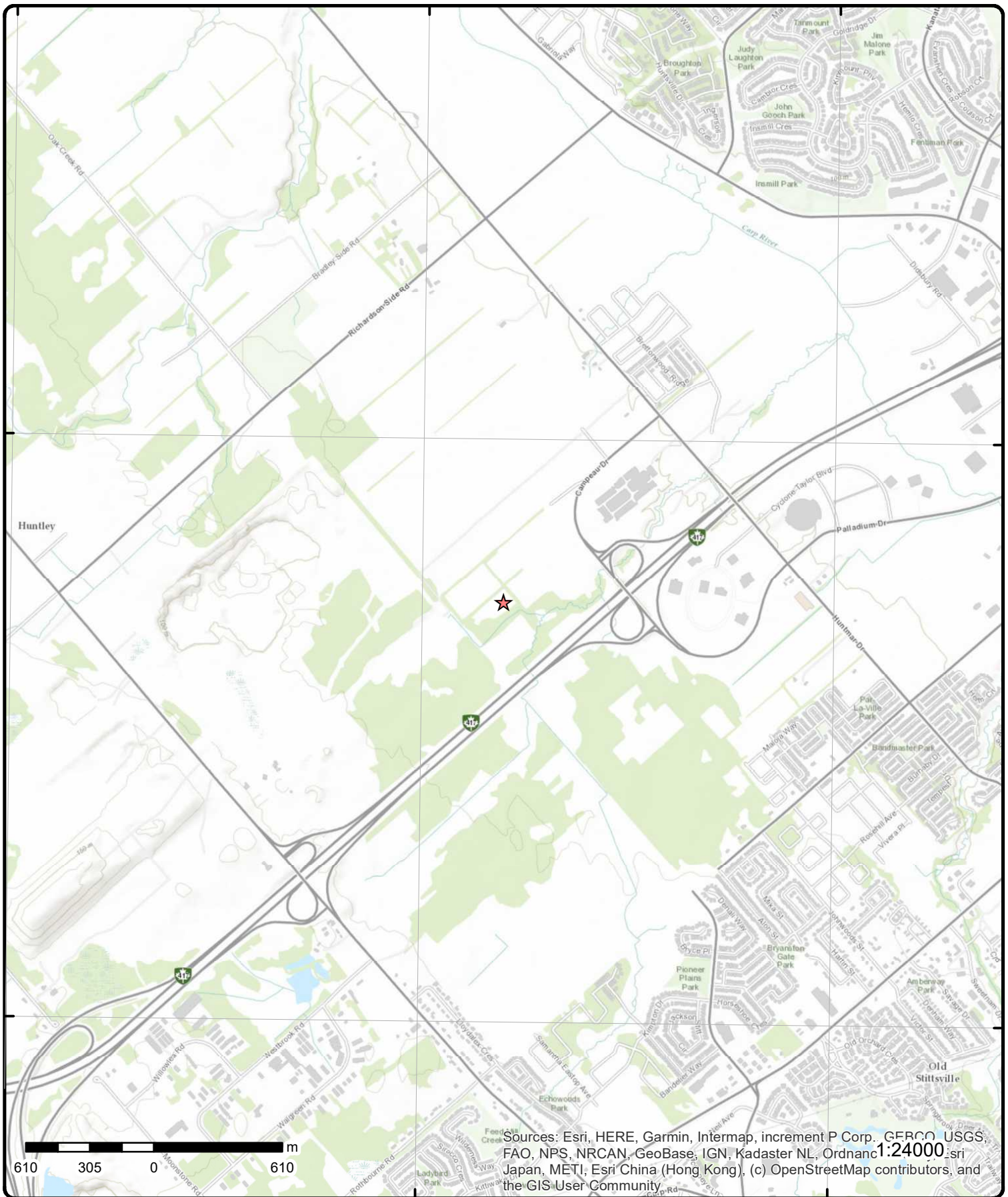
75°55'30"W

45°18'N

45°18'N

45°16'30"N

45°16'30"N



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

Topographic Map

Address: 100 Nipissing Court, ON

Source: ESRI World Topographic Map

Order Number: 20200203072



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 3	ENE/118.5	103.9 / -1.04	West Ottawa Land Holdings Inc., and Cabela's Retail Canada Inc. 3001 Palladium Dr Part of Lots 3 and 4 Concession 1 Ottawa ON K1V 8Y3	ECA
<div> <div> Approval No: 2468-A2GQJS Approval Date: 2015-09-28 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Mississippi Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Address: 3001 Palladium Dr Part of Lots 3 and 4 Concession 1 Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8771-9YLPQA-14.pdf </div> <div> MOE District: Ottawa City: Longitude: -75.93982 Latitude: 45.295198 Geometry X: Geometry Y: </div> </div>					
1	2 of 3	ENE/118.5	103.9 / -1.04	West Ottawa Land Holdings Inc. 3001 Palladium Dr Part of Lots 3 and 4 Concession 1 Ottawa ON K1V 8Y3	ECA
<div> <div> Approval No: 9924-A2EQJJ Approval Date: 2015-10-02 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Address: 3001 Palladium Dr Part of Lots 3 and 4 Concession 1 Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5526-9YFMFK-14.pdf </div> <div> MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: </div> </div>					
1	3 of 3	ENE/118.5	103.9 / -1.04	3001 Palladium Dr Part of Lots 3 and 4 Concession 1 Ottawa ON NA	SPL
<div> <div> Ref No: 3417-A8QNK8 Site No: 3996-9YFMEV Incident Dt: 2016/03/31 Year: Incident Cause: Incident Event: Leak/Break Contaminant Code: 43 Contaminant Name: SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: </div> <div> Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Miscellaneous Industrial Agency Involved: Nearest Watercourse: Site Address: 3001 Palladium Dr Part of Lots 3 and 4 Concession 1 Site District Office: Site Postal Code: NA Site Region: Site Municipality: Ottawa Site Lot: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Receiving Medium:					
Receiving Env:	Surface Water				
MOE Response:	No				
Dt MOE Arvl on Scn:					
MOE Reported Dt:	2016/04/05				
Dt Document Closed:					
Incident Reason:	Weather Conditions				
Site Name:	3001 Palladium Drive				
Site County/District:					
Site Geo Ref Meth:	NA				
Incident Summary:	Target Construction: Sediment to Feedmill Creek				
Contaminant Qty:	0 other - see incident description				

2	1 of 1	ENE/180.9	102.9 / -2.04	Princess Auto Ltd. 3055 Palladium Drive Kanata ON K2K 0C1	GEN
Generator No:	ON5498052				
Status:	Registered				
Approval Years:	As of Dec 2018				
Contam. Facility:					
MHSW Facility:					
SIC Code:					
SIC Description:					

Detail(s)

Waste Class:	145 I	
Waste Class Desc:	Wastes from the use of pigments, coatings and paints	
Waste Class:	146 T	
Waste Class Desc:	Other specified inorganic sludges, slurries or solids	
Waste Class:	148 A	
Waste Class Desc:	Misc. wastes and inorganic chemicals	
Waste Class:	212 I	
Waste Class Desc:	Aliphatic solvents and residues	
Waste Class:	242 T	
Waste Class Desc:	Halogenated pesticides and herbicides	
Waste Class:	252 L	
Waste Class Desc:	Waste crankcase oils and lubricants	
Waste Class:	261 I	
Waste Class Desc:	Pharmaceuticals	
Waste Class:	263 A	
Waste Class Desc:	Misc. waste organic chemicals	
Waste Class:	263 L	
Waste Class Desc:	Misc. waste organic chemicals	
Waste Class:	269 T	
Waste Class Desc:	Organic non-halogenated pesticide and herbicide wastes	
Waste Class:	331 I	
Waste Class Desc:	Waste compressed gases including cylinders	
Waste Class:	331 L	
Waste Class Desc:	Waste compressed gases including cylinders	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	1 of 3	W/211.4	103.9 / -1.04	United Parcel Service Canada Ltd. 8825 Campeau Dr Ottawa ON L7L 0C2	ECA
Approval No:		0955-ALZP8B	MOE District:		
Approval Date:		2017-05-31	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			
Address:		8825 Campeau Dr			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/3076-AJLLMP-14.pdf			
3	2 of 3	W/211.4	103.9 / -1.04	United Parcel Service Canada Ltd. 8825 Campeau Drive Ottawa ON K2T 0N8	GEN
Generator No:		ON3935434	PO Box No:		
Status:		Registered	Country: Canada		
Approval Years:		As of Dec 2018	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No Admin:		
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		213 I			
Waste Class Desc:		Petroleum distillates			
Waste Class:		213 T			
Waste Class Desc:		Petroleum distillates			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
3	3 of 3	W/211.4	103.9 / -1.04	United Parcel Service Canada Ltd. 8825 Campeau Drive Ottawa ON K2T 0N8	GEN
Generator No:		ON3935434	PO Box No:		
Status:		Registered	Country: Canada		
Approval Years:		As of Oct 2019	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No Admin:		
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		213 I			
Waste Class Desc:		Petroleum distillates			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		213 T			
Waste Class Desc:		Petroleum distillates			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
<hr/>					
4	1 of 1	W/211.7	103.9 / -1.04	United Parcel Service Canada Ltd. 8825 Campeau Drive Ottawa CITY OF OTTAWA ON	EBR
EBR Registry No:	013-0086			Decision Posted:	
Ministry Ref No:	3076-AJLLMP			Exception Posted:	
Notice Type:	Instrument Decision			Section:	
Notice Stage:	859663635			Act 1:	
Notice Date:	June 08, 2017			Act 2:	
Proposal Date:	March 15, 2017			Site Location Map:	
Year:	2017				
Instrument Type:	(EPA Part II.1-sewage) - Environmental Compliance Approval (project type: sewage)				
Off Instrument Name:					
Posted By:					
Company Name:	United Parcel Service Canada Ltd.				
Site Address:					
Location Other:					
Proponent Name:					
Proponent Address:	1022 Champlain avenue, Burlington Ontario, Canada L7L 0C2				
Comment Period:					
URL:					
Site Location Details:					
8825 Campeau Drive Ottawa CITY OF OTTAWA					
<hr/>					
5	1 of 1	E/242.2	101.9 / -3.04	Princess Auto Ltd. 3055 Palladium Drive Kanata ON K2K 0C1	GEN
Generator No:	ON5498052			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Oct 2019			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
Detail(s)					
Waste Class:	148 A				
Waste Class Desc:	Misc. wastes and inorganic chemicals				
Waste Class:	252 L				
Waste Class Desc:	Waste crankcase oils and lubricants				
Waste Class:	331 I				
Waste Class Desc:	Waste compressed gases including cylinders				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Desc:		263 L Misc. waste organic chemicals			
Waste Class: Waste Class Desc:		261 I Pharmaceuticals			
Waste Class: Waste Class Desc:		263 A Misc. waste organic chemicals			
Waste Class: Waste Class Desc:		145 I Wastes from the use of pigments, coatings and paints			
Waste Class: Waste Class Desc:		269 T Organic non-halogenated pesticide and herbicide wastes			
Waste Class: Waste Class Desc:		331 L Waste compressed gases including cylinders			
Waste Class: Waste Class Desc:		146 T Other specified inorganic sludges, slurries or solids			
Waste Class: Waste Class Desc:		212 I Aliphatic solvents and residues			
Waste Class: Waste Class Desc:		242 T Halogenated pesticides and herbicides			

Unplottable Summary

Total: 32 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA		Campeau Drive	Kanata ON	
CA	Riverside Gate Condominiums	Part of Lot 3, Concession 2	Ottawa ON	
CA	GILPAUL INVESTMENTS LIMITED	CAMPEAU DR., BUSINESS DEPOT	KANATA CITY ON	
CA	GENSTAR DEVELOPMENT COMPANY - CAMPEAU DR	CAMPEAU DR.EXTENSION PH. II	KANATA CITY ON	
CA	PENEX KANATA LIMITED	LOT 3/CON.2, KANATA CENTRUM	KANATA CITY ON	
CA	GILPAUL INVESTMENTS LIMITED	PT.LOT 3/CON.2,CAMPEAU DR.,SWM	KANATA CITY ON	
CA	IMPERIAL OIL LIMITED	LOT 3, CONC. 2, GAS STATION	KANATA CITY ON	
CA	GENSTAR DEVELOPMENT COMPANY- CAMPEAU DR.	CAMPEAU DR. EXTENSION PH. II	KANATA CITY ON	
CA	CAMPEAU CORPORATION	CAMPEAU DR.	KANATA CITY ON	
CA	HODDINOTT HOLDINGS LTD.	PART LOT 3 CONC 2	KANATA CITY ON	
CA	CAMPEAU CORPORATION EASEMENT	CAMPEAU DR. CLUSTER 2	KANATA CITY ON	
EBR	Waste Management of Canada Corporation	Parts of Lots 2, 3 , 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 Ottawa CITY OF OTTAWA	ON	
ECA	Waste Management of Canada Corporation	Parts of Lots 2, 3 , 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3	Ottawa ON	K0A 1L0
EHS		Hwy 417	Ottawa ON	
GEN	High Road Maintenance	Lot 3, Con. 2	Kanata City ON	K2T0C2
GEN	High Road Maintenance	Lot 3, Con. 2	Kanata City ON	
GEN	High Road Maintenance	Lot 3, Con. 2	Kanata City ON	
GEN	High Road Maintenance	Lot 3, Con. 2	Kanata City ON	K2T0C2

GEN	High Road Maintenance	Lot 3, Con. 2	Kanata City ON	K2T0C2
GEN	PITTS (OUT OF BUS) 31-354	BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417	OTTAWA-CARLETON ON	K1G 3H6
GEN	PITTS ENGINEERING CONSTRUCTION	BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417	OTTAWA-CARLETON ON	K1G 3H6
GEN	PITTS ENGINEERING CONSTRUCTION 31-354	BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417	OTTAWA-CARLETON ON	K1G 3H6
PTTW	Ducks Unlimited Canada	Lots 3 - 5, Concession 1, geographical Township of Goulbourn Ottawa	ON	
PTTW	Clublink Capital Corporation	The water taking will occur on Lot 4, Concession III, and Lot 3, Concession II, Ottawa (formerly City of Kanata) Kanata	ON	
SPL	TRANSPORT TRUCK	HWY. 417 MOTOR VEHICLE (OPERATING FLUID)	OTTAWA ON	
SPL	CITY OF OTTAWA SNOW PLOW<UNOFFICIAL>	TERRY FOX DRIVE AT THE HWY. 417 OVERPASS<UNOFFICIAL>	Ottawa ON	
SPL	City of Ottawa	Highway 417	Ottawa ON	
WDS	Waste Management of Canada Corporation	Parts of Lots 2, 3 , 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3	Ottawa ON	K0A 1L0
WDS	Waste Management of Canada Corporation	Parts of Lots 2, 3 , 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3	Ottawa ON	K0A 1L0
WDS	Waste Management of Canada Corporation	Parts of Lots 2, 3 , 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3	Ottawa ON	K0A 1L0
WDS	Waste Management of Canada Corporation	Parts of Lots 2, 3 , 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3	Ottawa ON	K0A 1L0
WWIS			Ottawa ON	

Unplottable Report

Site: *Campeau Drive Kanata ON* **Database:** *CA*

Certificate #: 1087-4SZRC5
Application Year: 01
Issue Date: 1/15/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Urbandale Corporation
Client Address: 2193 Arch Street
Client City: OTTAWA
Client Postal Code: K1G 2H5
Project Description: Construction of a watermain on Campeau Drive for the Village Green Subdivision
Contaminants:
Emission Control:

Site: *Riverside Gate Condominiums
Part of Lot 3, Concession 2 Ottawa ON* **Database:** *CA*

Certificate #: 4856-52WSMF
Application Year: 01
Issue Date: 9/27/01
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Urbandale Corporation
Client Address: 2193 Arch Street
Client City: Ottawa
Client Postal Code: K1G 2H5
Project Description: Watermain construction on Nelligan Lane and Old Riverside Drive.
Contaminants:
Emission Control:

Site: *GILPAUL INVESTMENTS LIMITED
CAMPEAU DR., BUSINESS DEPOT KANATA CITY ON* **Database:** *CA*

Certificate #: 3-1224-96-
Application Year: 96
Issue Date: 11/14/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *GENSTAR DEVELOPMENT COMPANY - CAMPEAU DR
CAMPEAU DR.EXTENSION PH. II KANATA CITY ON* **Database:** *CA*

Certificate #: 7-1213-90-
Application Year: 90

Issue Date: 8/9/1990
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **PENEX KANATA LIMITED**
LOT 3/CON.2, KANATA CENTRUM KANATA CITY ON

Database:
CA

Certificate #: 3-0629-95-
Application Year: 95
Issue Date: 9/5/1995
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **GILPAUL INVESTMENTS LIMITED**
PT.LOT 3/CON.2,CAMPEAU DR.,SWM KANATA CITY ON

Database:
CA

Certificate #: 3-0309-95-
Application Year: 95
Issue Date: 4/27/1995
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **IMPERIAL OIL LIMITED**
LOT 3, CONC. 2, GAS STATION KANATA CITY ON

Database:
CA

Certificate #: 3-0886-99-
Application Year: 99
Issue Date: 8/12/1999
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GENSTAR DEVELOPMENT COMPANY- CAMPEAU DR.
CAMPEAU DR. EXTENSION PH. II KANATA CITY ON

Database:
CA

Certificate #: 3-1494-90-
Application Year: 90
Issue Date: 8/9/1990
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CAMPEAU CORPORATION
CAMPEAU DR. KANATA CITY ON

Database:
CA

Certificate #: 7-0016-88-
Application Year: 88
Issue Date: 1/21/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: HODDINOTT HOLDINGS LTD.
PART LOT 3 CONC 2 KANATA CITY ON

Database:
CA

Certificate #: 4-0035-96-
Application Year: 96
Issue Date: 4/1/1996
Approval Type: Industrial wastewater
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: CAMPEAU CORPORATION EASEMENT
CAMPEAU DR. CLUSTER 2 KANATA CITY ON

Database:
CA

Certificate #: 3-0332-89-
Application Year: 89
Issue Date: 3/10/1989
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

Contaminants:
Emission Control:

Site: Waste Management of Canada Corporation
Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 Ottawa CITY OF OTTAWA ON

Database:
[EBR](#)

EBR Registry No: 012-8433
Ministry Ref No: 1829-AC4MA3
Notice Type: Instrument Final Decision
Notice Stage: 857760106
Notice Date: June 29, 2017
Proposal Date: August 19, 2016
Year: 2016
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: (EPA Part II.1-waste) - Environmental Compliance Approval (project type: waste)
Off Instrument Name:
Posted By:
Company Name: Waste Management of Canada Corporation
Site Address:
Location Other:
Proponent Name:
Proponent Address:
Comment Period:
URL:

Site Location Details:

Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 Ottawa CITY OF OTTAWA

Site: Waste Management of Canada Corporation
Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 Ottawa ON K0A 1L0

Database:
[ECA](#)

Approval No: A461002
Approval Date: 2017-03-30
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name: Mississippi Valley
MOE District: Ottawa
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-WASTE MANAGEMENT SYSTEMS
Project Type: WASTE MANAGEMENT SYSTEMS
Address: Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3
Full Address:
Full PDF Link:

Site: Hwy 417 Ottawa ON

Database:
[EHS](#)

Order No: 20120509053
Status: C
Report Type: Custom Report
Report Date: 5/16/2012
Date Received: 5/9/2012
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.670099
Y: 1

Site: High Road Maintenance
Lot 3, Con. 2 Kanata City ON K2T0C2

Database:
[GEN](#)

Generator No: ON5522769
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Alexis Fernetich
Phone No Admin: 6135475591 Ext.3162

SIC Code: 488490
SIC Description: OTHER SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

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

Site: High Road Maintenance
Lot 3, Con. 2 Kanata City ON

Database:
GEN

Generator No: ON5522769
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 488490
SIC Description: OTHER SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION

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

Detail(s)

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

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Site: High Road Maintenance
Lot 3, Con. 2 Kanata City ON

Database:
GEN

Generator No: ON5522769
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 488490
SIC Description: Other Support Activities for Road Transportation

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

Site: High Road Maintenance
Lot 3, Con. 2 Kanata City ON K2T0C2

Database:
GEN

Generator No: ON5522769
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 488490
SIC Description: OTHER SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin: Alexis Fernetich
Phone No Admin: 6135475591 Ext.3162

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

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

Site: High Road Maintenance
Lot 3, Con. 2 Kanata City ON K2T0C2

Database:
GEN

Generator No: ON5522769
Status:

PO Box No:
Country: Canada

Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 488490
SIC Description: OTHER SUPPORT ACTIVITIES FOR ROAD TRANSPORTATION

Choice of Contact: CO_OFFICIAL
Co Admin: Alexis Fernetich
Phone No Admin: 6135475591 Ext.3162

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

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

Site: **PITTS (OUT OF BUS) 31-354**
BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417 OTTAWA-CARLETON ON K1G 3H6

Database:
GEN

Generator No: ON0760802
Status:
Approval Years: 97,98
Contam. Facility:
MHSW Facility:
SIC Code: 4121
SIC Description: HIGHWAYS, STR., ETC.

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

Detail(s)

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

Site: **PITTS ENGINEERING CONSTRUCTION**
BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417 OTTAWA-CARLETON ON K1G 3H6

Database:
GEN

Generator No: ON0760802
Status:
Approval Years: 86,87,88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 4121
SIC Description: HIGHWAYS, STR., ETC.

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

Detail(s)

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

Site: **PITTS ENGINEERING CONSTRUCTION 31-354**
BANISTER CONT. LTD. C/O BOX 8008 OTTAWA TERMINAL HURDMAN BRIDGE AT HWY. 417 OTTAWA-CARLETON ON K1G 3H6

Database:
GEN

Generator No: ON0760802
Status:
Approval Years: 92,93,94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 4121
SIC Description: HIGHWAYS, STR., ETC.

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

Detail(s)

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

Site: Ducks Unlimited Canada
Lots 3 - 5, Concession 1, geographical Township of Goulbourn Ottawa ON

Database:
[PTTW](#)

EBR Registry No: IA05E0735
Ministry Ref No: ER-0625-6C3MFK
Notice Type: Instrument Decision
Notice Stage:
Notice Date: July 20, 2005
Proposal Date: May 06, 2005
Year: 2005
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Ducks Unlimited Canada
Site Address:
Location Other:
Proponent Name:
Proponent Address: Kingston Division, 1-614 Norris Court, Kingston Ontario, Canada K7P 2R9
Comment Period:
URL:

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

Site Location Details:

Lots 3 - 5, Concession 1, geographical Township of Goulbourn Ottawa

Site: Clublink Capital Corporation
The water taking will occur on Lot 4, Concession III, and Lot 3, Concession II, Ottawa (formerly City of Kanata)
Kanata ON

Database:
[PTTW](#)

EBR Registry No: IA01E1118
Ministry Ref No: ER-13633
Notice Type: Instrument Decision
Notice Stage:
Notice Date: February 05, 2002
Proposal Date: July 31, 2001
Year: 2001
Instrument Type: (OWRA s. 34) - Permit to Take Water
Off Instrument Name:
Posted By:
Company Name: Clublink Capital Corporation
Site Address:
Location Other:
Proponent Name:
Proponent Address: 15675 Dufferin Street, King City Ontario, L7B 1K5
Comment Period:
URL:

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

Site Location Details:

The water taking will occur on Lot 4, Concession III, and Lot 3, Concession II, Ottawa (formerly City of Kanata) Kanata

Site: TRANSPORT TRUCK
HWY. 417 MOTOR VEHICLE (OPERATING FLUID) OTTAWA ON

Database:
[SPL](#)

Ref No: 191523
Site No:
Incident Dt: 12/4/2000
Year:
Incident Cause: TRUCK/TRAILER OVERTURN
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:

Contaminant UN No 1:		Site Region:	
Environment Impact:	POSSIBLE	Site Municipality:	20107
Nature of Impact:	Soil contamination	Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	12/4/2000	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	OTHER	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	RSR ENVIRONMENTAL:SPILL OF 50-100 L DIESEL DUE TO ROLLOVER. CONTAINED.		
Contaminant Qty:			

Site:	CITY OF OTTAWA SNOW PLOW<UNOFFICIAL> TERRY FOX DRIVE AT THE HWY. 417 OVERPASS<UNOFFICIAL> Ottawa ON	Database: SPL
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Ref No:	0881-5HS47B	Discharger Report:	
Site No:		Material Group:	Oil
Incident Dt:	1/13/2003	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Container Leak (Fuel Tank Barrels)	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:	13	Nearest Watercourse:	
Contaminant Name:	DIESEL FUEL	Site Address:	
Contaminant Limit 1:		Site District Office:	Ottawa
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	Eastern
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
Nature of Impact:		Site Lot:	
Receiving Medium:	Land	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	1/13/2003	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Spill to Land
Incident Reason:	Error- Operator error	Source Type:	
Site Name:	TERRY FOX DRIVE AT THE HWY. 417 OVERPASS<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	CITY OF OTTAWA - 180 L OF DIESEL FUEL TO GROUND.		
Contaminant Qty:	180 L		

Site:	City of Ottawa Highway 417 Ottawa ON	Database: SPL
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Ref No:	3043-7QMTYH	Discharger Report:	
Site No:		Material Group:	
Incident Dt:		Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Pipe Or Hose Leak	Sector Type:	Other
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:	ENGINE OIL	Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
Nature of Impact:	Other Impact(s)	Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	NA
MOE Response:		Easting:	NA
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	3/30/2009	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Primary Assessment of Incident

Incident Reason: Unknown - Reason not determined
Site Name: EB Merge Lane Hwy 417 & Eagleson Road
Site County/District:
Site Geo Ref Meth:
Incident Summary: OC Transpo: 10L engine oil to grnd on Hwy 417
Contaminant Qty: 10 L

Source Type:

Site: Waste Management of Canada Corporation
Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 Ottawa ON K0A 1L0

Database:
WDS

Approval No:	A461002	Total Area (ha):	
Mob Unit Cert No:		Landfill Cap (m³):	
EBR Registry No:		Transfer Area (ha):	
Status:	Revoked and/or Replaced	Transfer Cap (m³):	
Facility Type:		Transfer Cert No:	
Record Type:	ECA	Inciner. Area (ha):	
Link Source:	IDS	Inciner. Cap (t):	
Project Type:	WASTE DISPOSAL SITES	Process Area (m³):	
Application Status:		Process Cap (m³/d):	
Issue Date:	2017-03-01	Process Vol (m³):	
Input Date:		Process Feed (m³):	
Date Received:		Site Concession:	
Est Closure Date:		Site Region/County:	
Mobile Capacity:		SWP Area Name:	Mississippi Valley
Mobile Units:		MOE District:	Ottawa
Mobile Description:		District Office:	
Prop City:		Latitude:	
Prop Postal:		Longitude:	
Prop Phone:		Geometry X:	
Serial Link:		Geometry Y:	
Approval Type:	ECA-WASTE DISPOSAL SITES		
Proponent:			
Prop Address:			
Proponent County/District:			
Full Address:	Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3		
Site Lot:			
Waste Class Code:			
Waste Class:			
Waste Type:			
Waste Type Other:			
Waste Description:			
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:			
Project Description:			
Municipalities Served:			
Approval Description:			
Other Approvals/Permits:			
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/1829-AC4MA3-14.pdf		

Site: Waste Management of Canada Corporation
Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 Ottawa ON K0A 1L0

Database:
WDS

Approval No:	A461002	Total Area (ha):	
Mob Unit Cert No:		Landfill Cap (m³):	
EBR Registry No:		Transfer Area (ha):	
Status:	Revoked and/or Replaced	Transfer Cap (m³):	
Facility Type:		Transfer Cert No:	
Record Type:	ECA	Inciner. Area (ha):	
Link Source:	IDS	Inciner. Cap (t):	
Project Type:	WASTE DISPOSAL SITES	Process Area (m³):	
Application Status:		Process Cap (m³/d):	
Issue Date:	2017-04-24	Process Vol (m³):	
Input Date:		Process Feed (m³):	
Date Received:		Site Concession:	
Est Closure Date:		Site Region/County:	
Mobile Capacity:		SWP Area Name:	Mississippi Valley

Mobile Units:		MOE District:	Ottawa
Mobile Description:		District Office:	
Prop City:		Latitude:	
Prop Postal:		Longitude:	
Prop Phone:		Geometry X:	
Serial Link:		Geometry Y:	
Approval Type:	ECA-WASTE DISPOSAL SITES		
Proponent:			
Prop Address:			
Proponent County/District:			
Full Address:	Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3		
Site Lot:			
Waste Class Code:			
Waste Class:			
Waste Type:			
Waste Type Other:			
Waste Description:			
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:			
Project Description:			
Municipalities Served:			
Approval Description:			
Other Approvals/Permits:			
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/2086-AKXGP6-14.pdf		

Site: **Waste Management of Canada Corporation**
Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 Ottawa ON K0A 1L0

Database:
WDS

Approval No:	A461002	Total Area (ha):	
Mob Unit Cert No:		Landfill Cap (m³):	
EBR Registry No:		Transfer Area (ha):	
Status:	Revoked and/or Replaced	Transfer Cap (m³):	
Facility Type:		Transfer Cert No:	
Record Type:	ECA	Inciner. Area (ha):	
Link Source:	IDS	Inciner. Cap (t):	
Project Type:	WASTE DISPOSAL SITES	Process Area (m³):	
Application Status:		Process Cap (m³/d):	
Issue Date:	2018-04-04	Process Vol (m³):	
Input Date:		Process Feed (m³):	
Date Received:		Site Concession:	
Est Closure Date:		Site Region/County:	
Mobile Capacity:		SWP Area Name:	Mississippi Valley
Mobile Units:		MOE District:	Ottawa
Mobile Description:		District Office:	
Prop City:		Latitude:	
Prop Postal:		Longitude:	
Prop Phone:		Geometry X:	
Serial Link:		Geometry Y:	
Approval Type:	ECA-WASTE DISPOSAL SITES		
Proponent:			
Prop Address:			
Proponent County/District:			
Full Address:	Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3		
Site Lot:			
Waste Class Code:			
Waste Class:			
Waste Type:			
Waste Type Other:			
Waste Description:			
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:			
Project Description:			
Municipalities Served:			
Approval Description:			
Other Approvals/Permits:			
PDF URL:			

Site: Waste Management of Canada Corporation
Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3 Ottawa ON K0A 1L0

Database:
WDS

Approval No:	A461002	Total Area (ha):	
Mob Unit Cert No:		Landfill Cap (m³):	
EBR Registry No:		Transfer Area (ha):	
Status:	Revoked and/or Replaced	Transfer Cap (m³):	
Facility Type:		Transfer Cert No:	
Record Type:	ECA	Inciner. Area (ha):	
Link Source:	IDS	Inciner. Cap (t):	
Project Type:	WASTE DISPOSAL SITES	Process Area (m³):	
Application Status:		Process Cap (m³/d):	
Issue Date:	2018-08-09	Process Vol (m³):	
Input Date:		Process Feed (m³):	
Date Received:		Site Concession:	
Est Closure Date:		Site Region/County:	
Mobile Capacity:		SWP Area Name:	Mississippi Valley
Mobile Units:		MOE District:	Ottawa
Mobile Description:		District Office:	
Prop City:		Latitude:	
Prop Postal:		Longitude:	
Prop Phone:		Geometry X:	
Serial Link:		Geometry Y:	
Approval Type:	ECA-WASTE DISPOSAL SITES		
Proponent:			
Prop Address:			
Proponent County/District:			
Full Address:	Parts of Lots 2, 3, 4 Concession 2 & Parts of Lots 3, 4, 5 Concession 3		
Site Lot:			
Waste Class Code:			
Waste Class:			
Waste Type:			
Waste Type Other:			
Waste Description:			
Landfill Monitoring:			
Landfill Ctrl Type:			
Site Closing Description:			
Project Description:			
Municipalities Served:			
Approval Description:			
Other Approvals/Permits:			
PDF URL:	https://www.accessenvironment.ene.gov.on.ca/instruments/9503-AX9LL3-14.pdf		

Site: Ottawa ON

Database:
WWIS

Well ID:	7290688	Data Entry Status:	
Construction Date:		Data Src:	
Primary Water Use:	Test Hole	Date Received:	7/19/2017
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Observation Wells	Abandonment Rec:	
Water Type:		Contractor:	7579
Casing Material:		Form Version:	7
Audit No:	Z261473	Owner:	
Tag:	A228339	Street Name:	HWY 417 WEST
Construction Method:		County:	
Elevation (m):		Municipality:	
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	
Overburden/Bedrock:		Concession Name:	
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1006636095	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	9
Date Completed:	7/4/2017	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock**Materials Interval**

Formation ID:	1006753724
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	42
Formation End Depth:	72.5
Formation End Depth UOM:	ft

Overburden and Bedrock**Materials Interval**

Formation ID:	1006753723
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Other Materials:	SILT
Mat3:	
Other Materials:	
Formation Top Depth:	20
Formation End Depth:	42
Formation End Depth UOM:	ft

Overburden and Bedrock**Materials Interval**

Formation ID:	1006753722
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Other Materials:	SAND
Mat3:	
Other Materials:	

Formation Top Depth: 0
Formation End Depth: 20
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 1006753731
Layer: 1
Plug From: 0
Plug To: 72.5
Plug Depth UOM: ft

Pipe Information

Pipe ID: 1006753721
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006753727
Layer: 1
Material:
Open Hole or Material:
Depth From: 0
Depth To: 72.5
Casing Diameter: 2.5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006753728
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Hole Diameter

Hole ID: 1006753725
Diameter: 3.63
Depth From: 0
Depth To: 72.5
Hole Depth UOM: ft
Hole Diameter UOM: inch

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

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

Government Publication Date: Up to Sep 2019

Abandoned Mine Information System:

Provincial

[AMIS](#)

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

[AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

[AUWR](#)

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

Government Publication Date: 1999-Jul 31, 2019

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 2017

Commercial Fuel Oil Tanks:

Provincial CFOT

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

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

Government Publication Date: Feb 28, 2017

Chemical Register:

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-Jul 31, 2019

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 - Nov 2019

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-Nov 2019

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994-Dec 31, 2019

Drill Hole Database:

Provincial DRL

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

Government Publication Date: 1886 - Sep 2019

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-Dec 31, 2019

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-Dec 31, 2019

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-Dec 31, 2019

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-Oct 31, 2019

Environmental Issues Inventory System:

Federal

[EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

[EMHE](#)

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial

[EPAR](#)

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land 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, 2018

List of Expired Fuels Safety Facilities:

Provincial

EXP

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

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

Government Publication Date: Feb 28, 2017

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.

Government Publication Date: Jun 2000-Nov 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal

FED TANKS

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

Government Publication Date: May 31, 2018

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 2018

Fuel Storage Tank:

Provincial

FST

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

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

Government Publication Date: Feb 28, 2017

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

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

Government Publication Date: 1986-Oct 31, 2019

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2017

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: Feb 28, 2017

Landfill Inventory Management Ontario:

Provincial

LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as 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 will include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Jan 2019

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2018

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Dec 31, 2019

National Energy Board Wells:

Federal

NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

NPCB

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGWE

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

Government Publication Date: 1988-Aug 31, 2019

Ontario Oil and Gas Wells:

Provincial

OOGW

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

Government Publication Date: 1800-Jun 2019

Inventory of PCB Storage Sites:

Provincial

OPCB

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

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

Orders:

Provincial

ORD

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

Government Publication Date: 1994-Dec 31, 2019

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: 1988-Dec 2019

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 is 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, 2017

Private and Retail Fuel Storage Tanks:

Provincial

PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

PTTW

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

Government Publication Date: 1994-Dec 31, 2019

Ontario Regulation 347 Waste Receivers Summary:

Provincial

REC

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

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial

RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental clean-up orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Nov 2019

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-Jul 31, 2019

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

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 2019

Wastewater Discharger Registration Database:

Provincial

SRDS

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks:

Private

TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

TCFT

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

Government Publication Date: 1970-Aug 2018

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario, registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2017

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: 2011-Dec 31, 2019

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: Feb 28, 2019

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

Nick Sullivan, B.Sc.



Geotechnical
Engineering

Environmental
Engineering

Hydrogeology

Geological
Engineering

Materials Testing

Building Science

Archaeological
Services

POSITION

Junior Environmental Scientist

EDUCATION

McMaster University, B.Sc. 2016
Earth & Environmental Science

Niagara College, Cert. 2017
Environmental Management & Assessment

EXPERIENCE

2018 – Present

Paterson Group Inc.

Consulting Engineers
Geotechnical and Environmental Division
Junior Environmental Scientist

SELECT LIST OF PROJECTS

Phase I & II Environmental Site Assessments - Ottawa & Brockville
Contaminated Soil and Groundwater Sampling - Ottawa & Kingston
Geotechnical Investigations of Soil and Rock Stratigraphy - Ottawa
Supervising of Environmental Remediation Programs - Ottawa
Designated Substance Surveys - Ottawa
Outdoor Education Interpreter - Canadian Parks & Wilderness Society
Invasive Species Management - Credit Valley Conservation Authority
Public Trail Assessments - Niagara Peninsula Conservation Authority

Geotechnical
Engineering

Environmental
Engineering

Hydrogeology

Geological
Engineering

Materials Testing

Building Science

Archaeological
Services

POSITION

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

EDUCATION

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

MEMBERSHIPS

Ottawa Geotechnical Group
Professional Engineers of Ontario

EXPERIENCE

1991 to Present

Paterson Group Inc.

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

SELECT LIST OF PROJECTS

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