

**Geotechnical
Engineering**

**Environmental
Engineering**

Hydrogeology

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Engineering**

Materials Testing

Building Science

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Phase I-Environmental Site Assessment

560 Hazeldean Road
Ottawa, Ontario

Prepared For

Regional Group

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

May 25, 2021

Report: PE5304-1

TABLE OF CONTENTS

EXECUTIVE SUMMARY.....	ii
1.0 INTRODUCTION.....	1
2.0 PHASE I ESA PROPERTY INFORMATION	2
3.0 SCOPE OF INVESTIGATION	3
4.0 RECORDS REVIEW	4
4.1 General.....	4
4.2 Environmental Source Information	4
4.3 Physical Setting Sources	7
5.0 INTERVIEWS	9
6.0 SITE RECONNAISSANCE	10
6.1 General Requirements.....	10
6.2 Specific Observations at Phase I ESA Property	10
7.0 REVIEW AND EVALUATION OF INFORMATION	11
7.1 Land Use History	11
7.2 Conceptual Site Model.....	13
8.0 CONCLUSIONS	15
8.1 Assessment.....	15
8.2 Recommendations.....	15
9.0 STATEMENT OF LIMITATIONS	16
10.0 REFERENCES.....	17

List of Figures

Figure 1 - Key Plan
Figure 2 - Topographic Map
Drawing PEPE5304-1 - Site Plan
Drawing PEPE5304-2 - Surrounding Land Use Plan

List of Appendices

Appendix 1 Aerial Photographs
Site Photographs

Appendix 2 MECP Freedom of Information Search
TSSA Correspondence
City of Ottawa Historical Land Use Inventory Search
ERIS Report

Appendix 3 Qualifications of Assessors

EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Regional Group to conduct a Phase I Environmental Site Assessment (ESA) for the property addressed 560 Hazeldean Road, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the Phase I ESA Property and Phase I ESA Study Area and to identify any environmental concerns with the potential to have impacted the subject land.

According to the historical research, the Phase I ESA Property was vacant and undeveloped land until 2001. In 2001, the land was developed for commercial purposes and used as a golf school and driving range. No concerns were noted with the historical use of the Phase I ESA Property.

Neighbouring lands were also vacant and undeveloped lands used as agricultural fields. Residential developments began to appear in the mid-1990s further east of the site with some commercial development to the north in the early 2000s. Surrounding lands were further developed with residential/community developments. No off-site potentially contaminating activities (PCAs) were identified within the Phase I ESA Study Area.

Following the historical research, a site visit was conducted. The majority of the Phase I ESA Property (southern portion) is used as a driving range, while the northern portion is occupied by an office building and school associated with the golf course. A pole-mounted transformer was identified on the north-western exterior of the subject building and two (2) above ground storage tanks (ASTs) on the southwestern exterior wall of the building. The pole-mounted transformer and ASTs are PCAs that are considered to represent APECs on the Phase I ESA Property.

Neighbouring land use consisted of commercial retail and residential land. No APECs were noted with the current use of the surrounding lands within the Phase I Study Area.

Recommendations

Based on the results of the Phase I ESA, **it is our opinion that a Phase II Environmental Site Assessment is required for the property.**

1.0 INTRODUCTION

At the request of Regional Group, Paterson Group (Paterson) conducted a Phase I-Environmental Site Assessment (Phase I-ESA) of the property addressed 460 Hazeldean Road, in the City of Ottawa, Ontario. The purpose of this Phase I-ESA was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the subject property.

Paterson was engaged to conduct this Phase I-ESA by Mr. Evan Garfinkel, of Regional Group. The head office is located at 1737 Woodward Drive, Ottawa, Ontario. Mr. Garfinkel can be reached by telephone at (613) 230-2100.

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

This Phase I-ESA report has been prepared under the supervision of a Qualified Person, in general accordance with Ontario Regulation 153/04 as amended by O.Reg. 269/11 (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 and a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as, local, provincial and federal agencies and was limited within the scope-of-work, time and budget of the project herein.

2.0 PHASE I ESA PROPERTY INFORMATION

Address:	560 Hazeldean Road, Ottawa, Ontario
Legal Description:	Part of Lot 29, Concession 10, Goulbourn, now the City of Ottawa.
Location:	The subject site is located on the south side of Hazeldean Road, approximately 455 m west of Terry Fox Drive, in the City of Ottawa, Ontario. For the purpose of this report, Hazeldean Road is assumed to run in an east-west direction. The subject site is shown on Figure 1 - Key Plan following the body of this report.
Latitude and Longitude:	45° 17' 19" N, 75° 53' 55" W
Site Description:	
Configuration:	Irregular
Site Area:	9.16 hectares (approximate)
Zoning:	O1 – Parks and Open Space Zone
Current Use:	The Phase I ESA Property is occupied by a golf school and driving range.
Services:	The Phase I ESA Property is situated in a municipally serviced.

3.0 SCOPE OF INVESTIGATION

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

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

4.0 RECORDS REVIEW

4.1 General

Phase I-ESA Study Area Determination

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

First Developed Use Determination

Based on the historical review and personal interview with the current landowner, the first developed use of the Phase I ESA Property was in 2001 for commercial purposes – a golf course/driving range.

Fire Insurance Plans and City of Ottawa Street Directories

Due to the rural setting of the Phase I ESA Property, there are no fire insurance plans (FIPs) or city directories for the Phase I ESA Property or for properties within the Phase I Study Area.

Chain of Title

Paterson did not request a Chain of Title for the subject site as it was determined that sufficient information was gathered from other sources, such as personal interviews and aerial photographs.

4.2 Environmental Source Information

Environment Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on May 11, 2021. The subject site and adjacent properties were not listed in the NPRI database. No records of pollutant release were listed in the database for properties located within the Phase I Study Area.

PCB Inventory

A search of national PCB waste storage sites was conducted. No PCB waste storage sites are located within the Phase I Study Area.

Ministry of Environment, Conservation and Parks (MECP) Instruments

A request was submitted to the MECP Freedom of Information office for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP issued instruments for the site. At the time of issuing this report, a response had not been received from the MECP. A copy of the response will be forwarded to the client upon receipt of the response letter.

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 site. No coal gasification plants were identified within 250m of the subject site.

MECP Incident Reports

A request was submitted to the MECP Freedom of Information office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MOE for the site or adjacent properties. At the time of issuing this report, a response had not been received from the MECP. A copy of the response will be forwarded to the client upon receipt of the response letter.

MECP Waste Management Records

A request was submitted to the MECP Freedom of Information office for information with respect to waste management records. At the time of issuing this report, a response had not been received from the MECP. A copy of the response will be forwarded to the client upon receipt of the response letter.

MECP Submissions

A request was submitted to the MECP Freedom of Information office for information with respect to reports related to environmental conditions that have been submitted to the MECP. At the time of issuing this report, a response had not been received from the MECP. A copy of the response will be forwarded to the client upon receipt of the response letter.

Brownfields Environmental Site Registry

A search of the MECP Brownfields ESR was conducted for properties within the Phase I Study Area. According to the ESR, no Records of Site Condition (RSCs) have been filed for the Phase I ESA Property. No RSCs were identified for properties within the Phase I Study Area.

MECP Waste Disposal Site Inventory

The Ontario Ministry of Environment document titled "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of the historical research. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario. No former landfills were identified within the Phase I ESA Study Area.

Areas of Natural Significance

A search for areas of natural significance and features within the Phase I Study Area was conducted on the web site of the Ontario Ministry of Natural Resources (MNR) on May 11, 2021. According to the MNR site, no areas of natural significance were identified on the Phase I ESA Property or the Phase I ESA Study Area.

Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto was contacted electronically on May 11, 2021, to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. A response from the TSSA indicated that no records were identified. A copy of the TSSA correspondence is included in Appendix 2.

City of Ottawa Landfill Document

The document entitled "Old Landfill Management Strategy, Phase I-Identification of Sites, City of Ottawa", was reviewed. No former landfills were identified within the Phase I ESA Study Area.

City of Ottawa Historical Land Use Inventory (HLUI)

A request was submitted to the City of Ottawa for a search of the Historical Land Use Inventory (HLUI) database. At the time this report was issued, a response had not been received. Any pertinent information will be forwarded to the client upon receipt. A copy of the HLUI request form and owner authorization is provided in Appendix 2.

Environmental Risk Inventory Source (ERIS) Report

An ERIS (Environmental Risk Information Service) Report was obtained for the Phase I ESA Property and properties within the Phase I Study Area.

Based on the ERIS report, there are no records pertaining to the Phase I ESA Property.

According to the ERIS report, a Certificate of Approval (CoA), three (3) Environmental Compliance Approvals (ECAs), a Permit To Take Water (PTTW), 28 Waste Generators, three (3) Pesticide Registry records, and two (2) Ontario Spills were identified for the Phase I Study Area. No records pertaining to storage or use of pesticides were identified for the Phase I ESA Property.

The environmental approvals and PTTW were associated with municipal and private sewer and water works and as such, are not considered potential environmental concerns. Several waste generators, with the exception of one, were identified more than 150 m away and therefore, not considered to pose any risk to the subject land. A waste generator, TMG Rock Contractors Ltd., was identified on the neighbouring property at 575 Hazeldean Road, approximately 80 m northwest of the site. This property was listed as producing waste oils and lubricants during the early 1990s, prior to the existing commercial development. Based on the separation distance and cross-gradient orientation, the former contractor's yard is not considered to represent an APEC on the Phase I ESA Property.

No APECs were identified during the review of the ERIS report. A copy of the ERIS report is included in Appendix 2.

4.3 Physical Setting Sources

Aerial Photographs

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

- | | |
|------|---|
| 1976 | The Phase I ESA Property is undeveloped vacant grassed land while the surrounding lands are either undeveloped land, agricultural fields or occupied by farmsteads. |
| 1991 | No significant changes are apparent on the Phase I ESA Property while the surrounding lands to the east and north are developed for residential and recreational use, respectively. |

1999	(GeoOttawa Map) The Phase I ESA Property remains unchanged from the previous photograph.
2002	The Phase I ESA Property is developed and occupied by the present day commercial building associated with the on-site golf course and driving range. The neighbouring land to the east, across the Carp River, is occupied by a residential development
2011	No significant changes are apparent on the Phase I ESA Property or the surrounding lands, with the exception of the lands to the north, across Hazeldean Road, which are occupied by commercial retail stores, while the remaining lands remain unchanged from the previous photograph.
2019	The Phase I ESA Property appears the same as in the previous photograph. The neighbouring lands to the south are now occupied by a residential development, while the remaining lands remain unchanged from the previous photograph.

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

Topographic Maps

Topographic maps were obtained from Natural Resources Canada – The Atlas of Canada website and from the City of Ottawa website. The topographic maps indicate that the regional topography in the general area of the site is relatively flat and sloping gently downward towards the northwest. An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Physiographic Maps

The Ontario Geological Survey publication ‘The Physiography of Southern Ontario, Third Edition’ was reviewed as a part of this assessment. According to the publication and attached mapping, the site is situated within the Ottawa Valley Clay Plains physiographic region, described as “clay plains interrupted by ridges of rock or sand.”

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, bedrock in the area of the site consists of interbedded limestone and dolomite of the Gull River Formation.

Overburden soils are reported as off-shore marine sediments consisting of marine deposits of clay and silt with drift thickness on the order of 5 to 10m across the Phase I ESA Property.

Water Well Records

A well record search was conducted on December 21, 2020 for all drilled wells within 250 m of the subject site. The search returned four (4) well records, three (3) of which were domestic well records drilled between 1971 to 2001, and a well abandonment record. No well records were identified on the Phase I ESA Property.

The domestic wells that were identified were located properties approximately 180 m away from the Phase I ESA Property. It is expected that these wells are no longer in use as the area is now municipally serviced.

No other pertinent information was provided in the well records. A copy of the well records has been included in Appendix 2.

Water Bodies and Areas of Natural Significance

The Carp River borders the eastern property boundary running in a north-south direction approximately 20 m to 35 m from the site, which is overlain by a designated flood plain. No areas of natural significance are known to exist within the 250 m search radius.

5.0 INTERVIEWS

Property Owner Representative

Ms. Lisa Haime, the current property owner, was interviewed via by email on May 11, 2021. According to Ms. Haime, the subject land has been owned by her family since 2000, which at that time, the land was vacant and undeveloped. The existing golf course/driving range began its operations in April 2001. The subject building was used as reception, a small golf school and for storage use. Two (2) 1,500-L above ground tanks (ASTs) on-site are currently rented through W.O Stinson. According to Ms. Haime, there have been no spills or leaks since they were installed on site in 2005. No pesticides or herbicides were ever used on the subject property. Ms. Haime is not aware of any potential concerns with regard to the Phase I ESA Property or the adjacent lands.

It should be noted that the information obtained in this interview is consistent with the observations made at the time of the site visit.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

The site visit was conducted on May 11, 2021. Weather conditions were overcast, with a temperature of approximately 8°C. Personnel from the Environmental Department of Paterson Group conducted the site visit. The uses of neighbouring properties within the Phase I Study Area were also assessed at the time of the site visit, from publicly accessible areas.

6.2 Specific Observations at Phase I ESA Property

Buildings and Structures

One slab-on-grade commercial building and shed occupies a small portion of the site fronting Hazeldean Road. The building was constructed in 2001 and used for reception, storage and teaching.

Site Features

The eastern and southern property boundaries of the Phase I ESA Property are situated in a designated floodplain associated with the Carp River, located 20 to 30 m to the east and south, respectively.

The majority of the site is grassland used as a golf course and driving range, while the northern portion of the site fronting Hazeldean Road is a paved asphaltic parking lot associated with the driving range.

The site is below the grade of Hazeldean Road and the adjacent properties to the east and west. The western and southern portions of the site are somewhat undulating with golf slopes. Site drainage occurs primarily through infiltration with some sheet flow.

The topography of the site slopes gently down in a south-easterly direction towards the Carp River.

A pole mounted transformer was noted on the exterior northwest side of the subject building. Two (2) exterior double walled 1500-L above ground storage tanks (ASTs) containing diesel fuel and gasoline were observed on the southwestern wall of the subject building next to the gravelled laneway.

No signs of staining or stressed vegetation were observed in the immediate areas of the AST or the pole mounted transformer; however, they are considered PCAs that represent APECs on the Phase I ESA Property.

No hazardous materials, chemicals or waste were noted on-site. No evidence of current or former railway or spur lines was observed on the subject property at the time of the site visit.

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 as follows:

- ☐ North: Hazeldean Road, followed by vacant land and commercial retail stores;
- ☐ South: Vacant land, followed by Carp River and residences;
- ☐ East: Carp River, followed by residences; and
- ☐ West: Vacant land.

No off-site PCAs were identified within the Phase I Study Area. Current land use within the Phase I Study Area is illustrated on Drawing: PE5304-2 – Surrounding Land Use Plan in the Figures section of this report, following the text.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

Based on the available historical records, the Phase I ESA Property was vacant and undeveloped land until it was purchased by the Haimes family in 2000. The Phase I ESA Property was developed for commercial purposes, which it was used as a golf school and driving range shortly thereafter. Based on the personal interviews corroborated with observations made during the site visit, two (2) potentially contaminated activities were identified on the subject site that have resulted in areas of potential environmental concern.

It is our understanding that the Phase I ESA Property is being considered for residential purposes and as such, the filing of a Record of Site Condition with the MECP will be required due to the proposed change in land use.

Potentially Contaminating Activities

Based on our assessment, potentially contaminating activities (PCAs) were identified on-site, resulting in areas of potential environmental concern (APECs) on the Phase I ESA Property. As per Column A of Table 2 of the O.Reg. 153/04, as amended, the on-site PCAs that generate APECs on the Phase I ESA Property are:

- ☐ PCA 27: *“Gasoline and Associated Products Storage in Fixed Tanks,”* associated with the two (2) ASTs on-site.
- ☐ PCA 55: *“Transformer Manufacturing, Processing and Use,”* associated with the pole-mounted transformer on-site.

The rationale for identifying the above PCAs is based on field observations, and personal interviews. The PCAs that represent APECs on the Phase I ESA Property are presented on Drawing PEPE5304-1 – Site Plan and the surrounding land use in the Phase I ESA Study Area is presented on Drawing PEPE5304-2 – Surrounding Land Use Plan, in the Figures section.

Areas of Potential Environmental Concern

The aforementioned PCAs have resulted in the following APECs:

- ☐ APEC 1: Resulting from the presence of two (2) ASTs on the Phase I ESA Property (PCA 28).
- ☐ APEC 2: Resulting from the presence of a pole-mounted transformer (PCA 55).

The identified APECs and relative locations on the Phase I ESA Property are illustrated on Drawing PEPE5304-1 – Site Plan.

Contaminants of Potential Concern

Based on the APECs identified on the Phase I ESA Property, the contaminants of potential concern (CPCs) are:

- ☐ Benzene, Toluene, Ethylbenzene and Xylenes;
- ☐ Petroleum hydrocarbons (PHCs, Fractions F₁-F₄);
- ☐ Polychlorinated biphenyls (PCBs); and
- ☐ Polycyclic aromatic hydrocarbons (PAHs).

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, bedrock in the area of the site consists of interbedded limestone and dolomite of the Gull River Formation. Overburden soils are reported as off-shore marine sediments, clay and silt with drift thickness on the order of 5 to 10m across the Phase I ESA Property.

Contaminants of Potential Concern

As noted in Section 7.1, the CPCs identified on the Phase I ESA Property include BTEX, PHCs (F1-F4), PCBs and PAHs.

Existing Building

One slab-on-grade commercial building and shed occupy a small portion of the site fronting Hazeldean Road. The building was constructed in 2001 and has been used for reception, storage and teaching.

Subsurface Structures and Utilities

Utilities on the Phase I ESA Property include sanitary and storm sewer lines, a municipal water service, electrical services and telephone lines. Based on standard practice for subsurface utility installation, service trenches are expected to be present approximately 1 to 2 m below grade.

Water Bodies

The Carp River borders the eastern property boundary running in a north-south direction approximately 20 m to 35 m from the site, which is overlain by a designated flood plain.

Areas of Natural Significance

No areas of natural significance are known to exist within the 250 m search radius.

Potable Water Wells

There are no potable wells on the Phase I ESA Property nor are there expected to be any present on-site as the subject land is serviced by the municipality.

Neighbouring Land Use

Neighbouring land use in the Phase I Study Area consists of commercial, residential and vacant land. Land use in the Phase I ESA Study Area is shown on Drawing PEPE5304-2 - Surrounding Land Use Plan.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 7.1 of this report, there two (2) existing PCAs resulting in APECs on the Phase I ESA Property, as shown in Table 1, as well as the locations and CPCs on the Phase I ESA Property.

Table 1. Potentially Contaminating Activities and Areas of Potential Environmental Concern					
Area of Potential Environmental Concern	Location of Area of Potential Environmental Concern	Potentially Contaminating Activity	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Groundwater, Soil, and/or Sediment)
APEC 1: Resulting from the presence of two (2) ASTs	South western side of the subject building on the Phase I ESA Property	PCA 28 – <i>“Gasoline and Associated Products Storage in Fixed Tanks,”</i>	On-site	BTEX PHCs	Soil and Groundwater
APEC 2: Resulting from the presence of a pole-mounted transformer	North western side of the subject building on the Phase I ESA Property	PCA 55 – <i>“Transformer Manufacturing, Processing and Use,”</i>	On-site	PCBs PAHs	Soil and/or Groundwater

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 PCAs that are considered to result in areas of potential environmental concern on the Phase I ESA Property. The presence of potentially contaminating activities on the subject site were confirmed by a variety of independent sources. The conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

8.0 CONCLUSIONS

8.1 Assessment

Paterson Group was retained by Regional Group to conduct a Phase I Environmental Site Assessment (ESA) for the property addressed 560 Hazeldean Road, in the City of Ottawa, Ontario. The purpose of this Phase I ESA was to research the past and current use of the Phase I ESA Property and Phase I ESA Study Area and to identify any environmental concerns with the potential to have impacted the subject land.

According to the historical research, the Phase I ESA Property was vacant and undeveloped land until 2001. In 2001, the land was developed for commercial purposes and used as a golf school and driving range. No concerns were noted with the historical use of the Phase I ESA Property.

Neighbouring lands were also vacant and undeveloped lands used as agricultural fields. Residential developments began to appear in the mid-1990s further east of the site with some commercial development to the north in the early 2000s. Surrounding lands were further developed with residential/community developments. No off-site potentially contaminating activities (PCAs) were identified within the Phase I ESA Study Area.

Following the historical research, a site visit was conducted. The majority of the Phase I ESA Property (southern portion) is used as a driving range, while the northern portion is occupied by an office building and school associated with the golf course. A pole-mounted transformer was identified on the north-western exterior of the subject building and two (2) above ground storage tanks (ASTs) on the southwestern exterior wall of the building. The pole-mounted transformer and ASTs are PCAs that are considered to represent APECs on the Phase I ESA Property.

Neighbouring land use consisted of commercial retail and residential land. No APECs were noted with the current use of the surrounding lands within the Phase I Study Area.

8.2 Recommendations

Based on the results of the Phase I ESA, **it is our opinion that a Phase II Environmental Site Assessment is required for the property.**

9.0 STATEMENT OF LIMITATIONS

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

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

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

Paterson Group Inc.



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



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



Report Distribution:

- ☐ Regional Group
- ☐ Paterson Group

10.0 REFERENCES

Federal Records

Air photos at the Energy Mines and Resources Air Photo Library.
National Archives.
Maps and photographs (Geological Survey of Canada surficial and subsurface mapping).
Natural Resources Canada – The Atlas of Canada.
Environment Canada, National Pollutant Release Inventory.
PCB Waste Storage Site Inventory.

Provincial Records

MECP Freedom of Information and Privacy Office.
MECP Municipal Coal Gasification Plant Site Inventory, 1991.
MECP document titled “Waste Disposal Site Inventory in Ontario”.
MECP Brownfields Environmental Site Registry.
Office of Technical Standards and Safety Authority, Fuels Safety Branch.
MNR Areas of Natural Significance.
MECP Water Well Inventory.

Municipal Records

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

Local Information Sources

Personal Interviews.

Public Information Sources

Google Earth.
Google Maps/Street View.

Private Information Sources

ERIS Search

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PEPE5304-1 – SITE PLAN

DRAWING PEPE5304-2 – SURROUNDING LAND USE PLAN

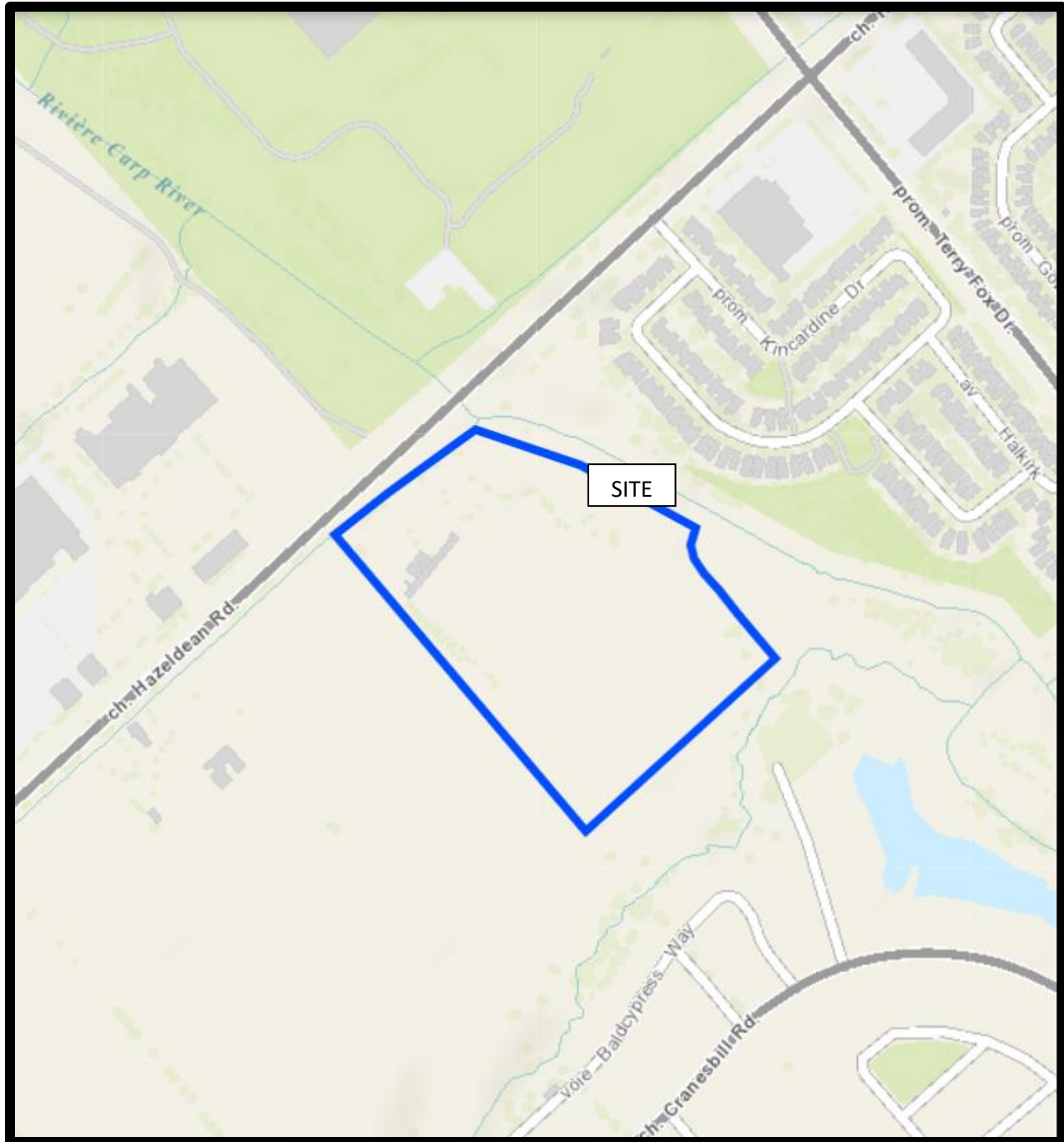


FIGURE 1
KEY PLAN

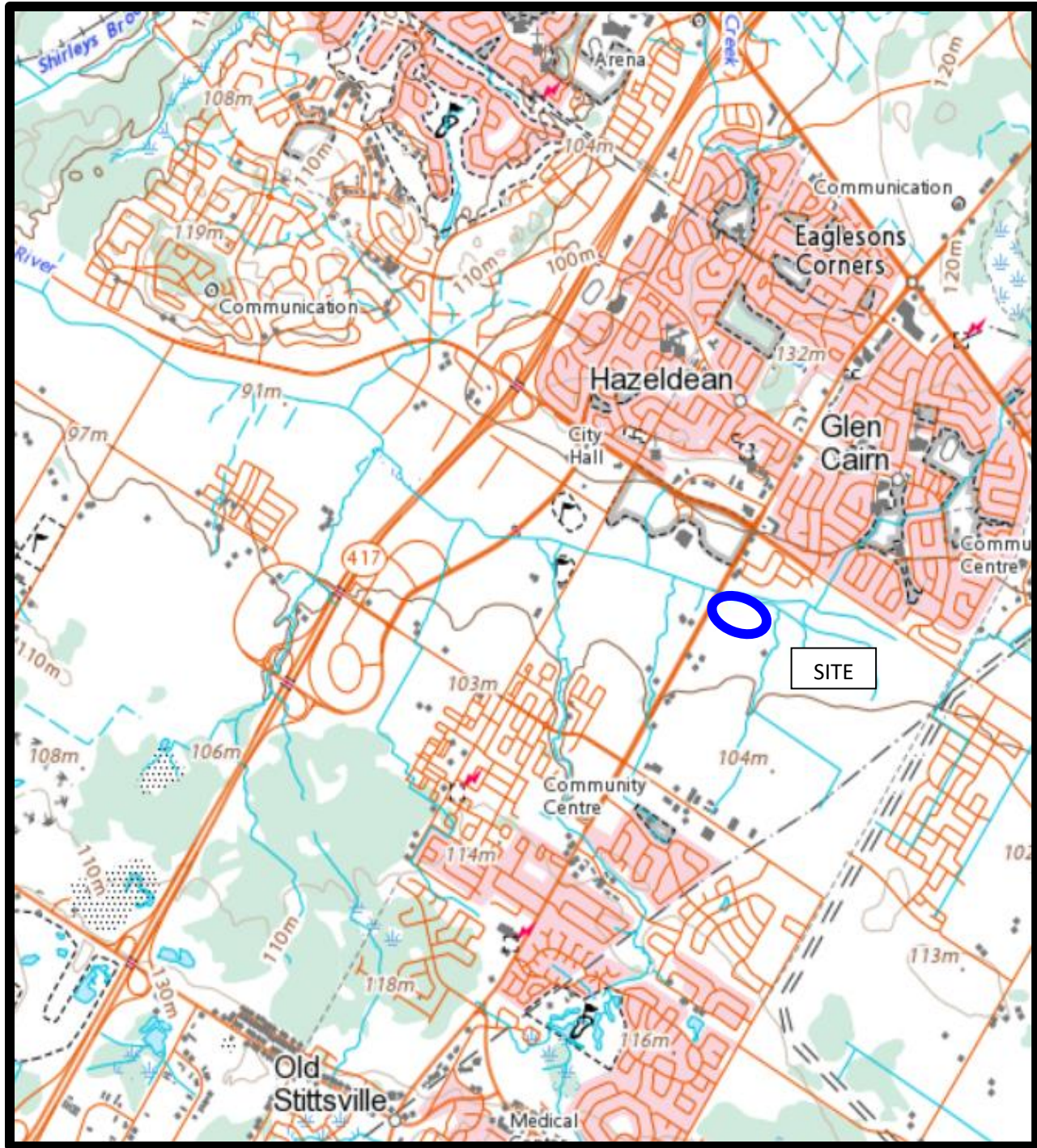
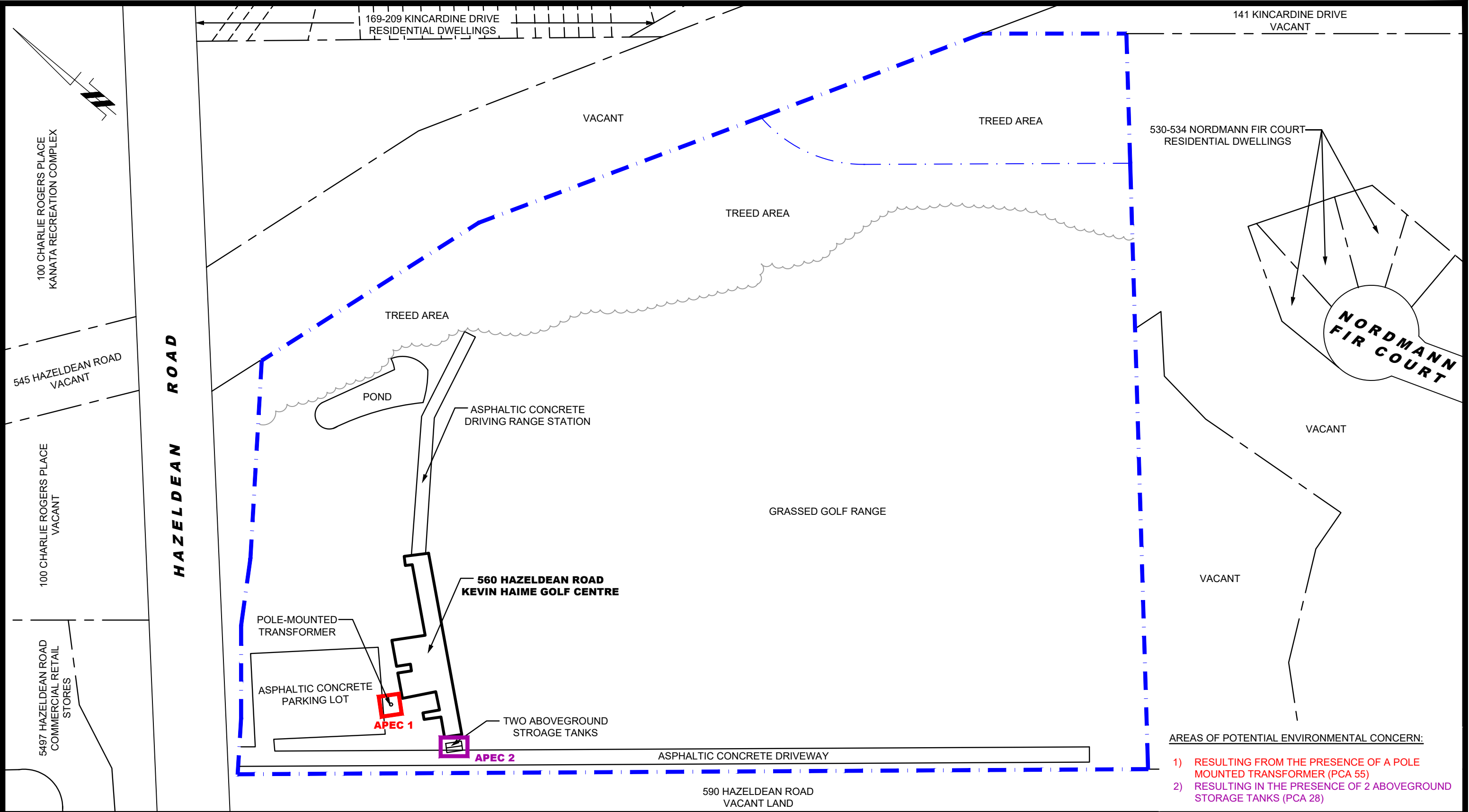


FIGURE 2
TOPOGRAPHIC MAP



- AREAS OF POTENTIAL ENVIRONMENTAL CONCERN:
- 1) RESULTING FROM THE PRESENCE OF A POLE MOUNTED TRANSFORMER (PCA 55)
 - 2) RESULTING IN THE PRESENCE OF 2 ABOVEGROUND STORAGE TANKS (PCA 28)

patersongroup
consulting engineers

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

NO.	REVISIONS	DATE	INITIAL

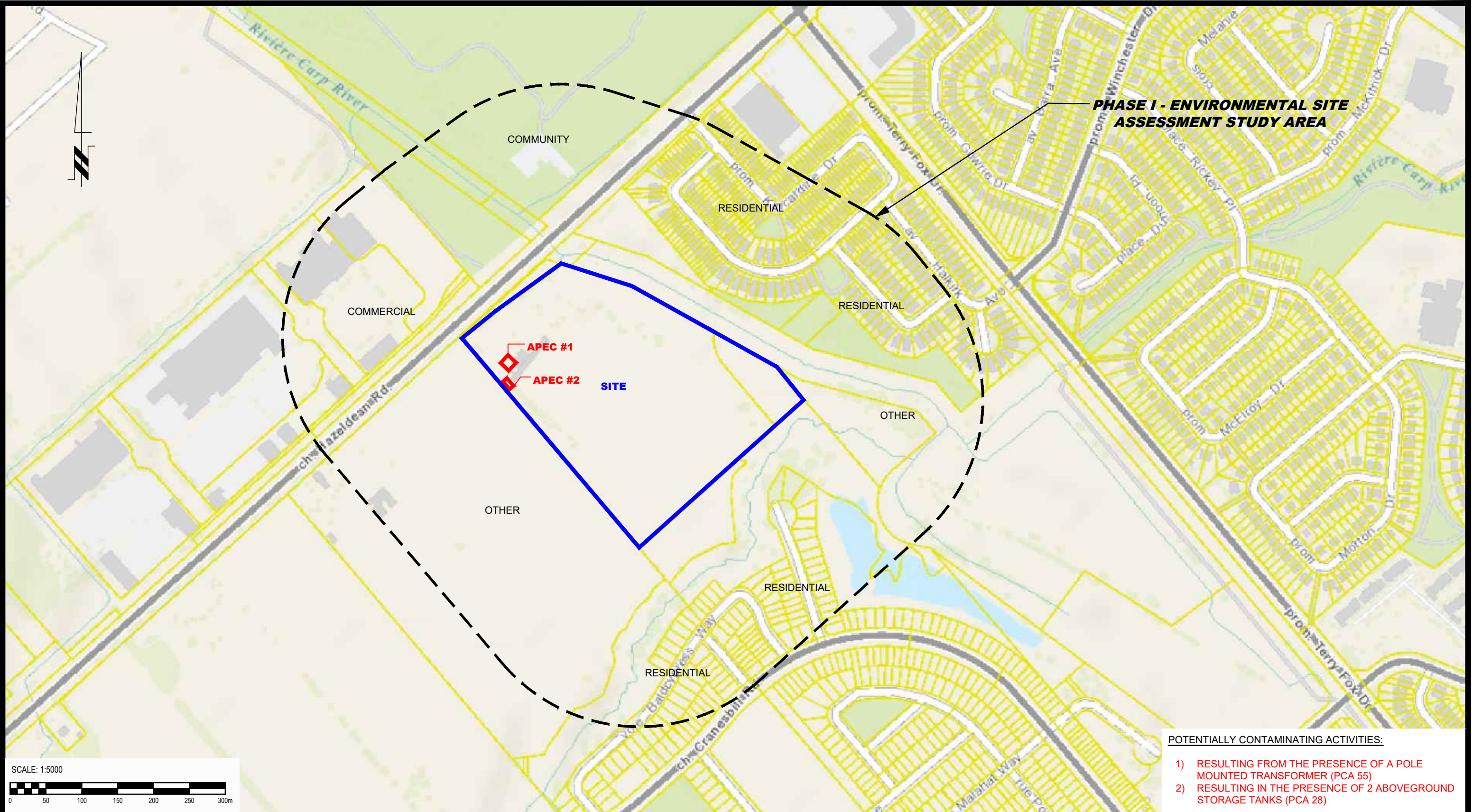
REGIONAL GROUP

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
560 HAZELDEAN ROAD - GOLF DRIVING RANGE

OTTAWA, ONTARIO

Title: SITE PLAN

Scale:	1:1500	Date:	05/2021
Drawn by:	JM	Report No.:	PE5304-1
Checked by:	MW	Dwg. No.:	PE5304-1
Approved by:	MSD	Revision No.:	



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

COMMUNITY

RESIDENTIAL

RESIDENTIAL

COMMERCIAL

APEC #1

APEC #2

SITE

OTHER

OTHER

RESIDENTIAL

RESIDENTIAL

POTENTIALLY CONTAMINATING ACTIVITIES:

- 1) RESULTING FROM THE PRESENCE OF A POLE MOUNTED TRANSFORMER (PCA 55)
- 2) RESULTING IN THE PRESENCE OF 2 ABOVEGROUND STORAGE TANKS (PCA 28)

patersongroup
consulting engineers

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

0			
NO.	REVISIONS	DATE	INITIAL

OTTAWA,
Title:

REGIONAL GROUP
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
560 HAZELDEAN ROAD - GOLF DRIVING RANGE

ONTARIO

SURROUNDING LAND USE PLAN

Scale: 1:5000
Drawn by: JM
Checked by: MW
Approved by: MSD

Date: 05/2021

Report No.: PE5304-1

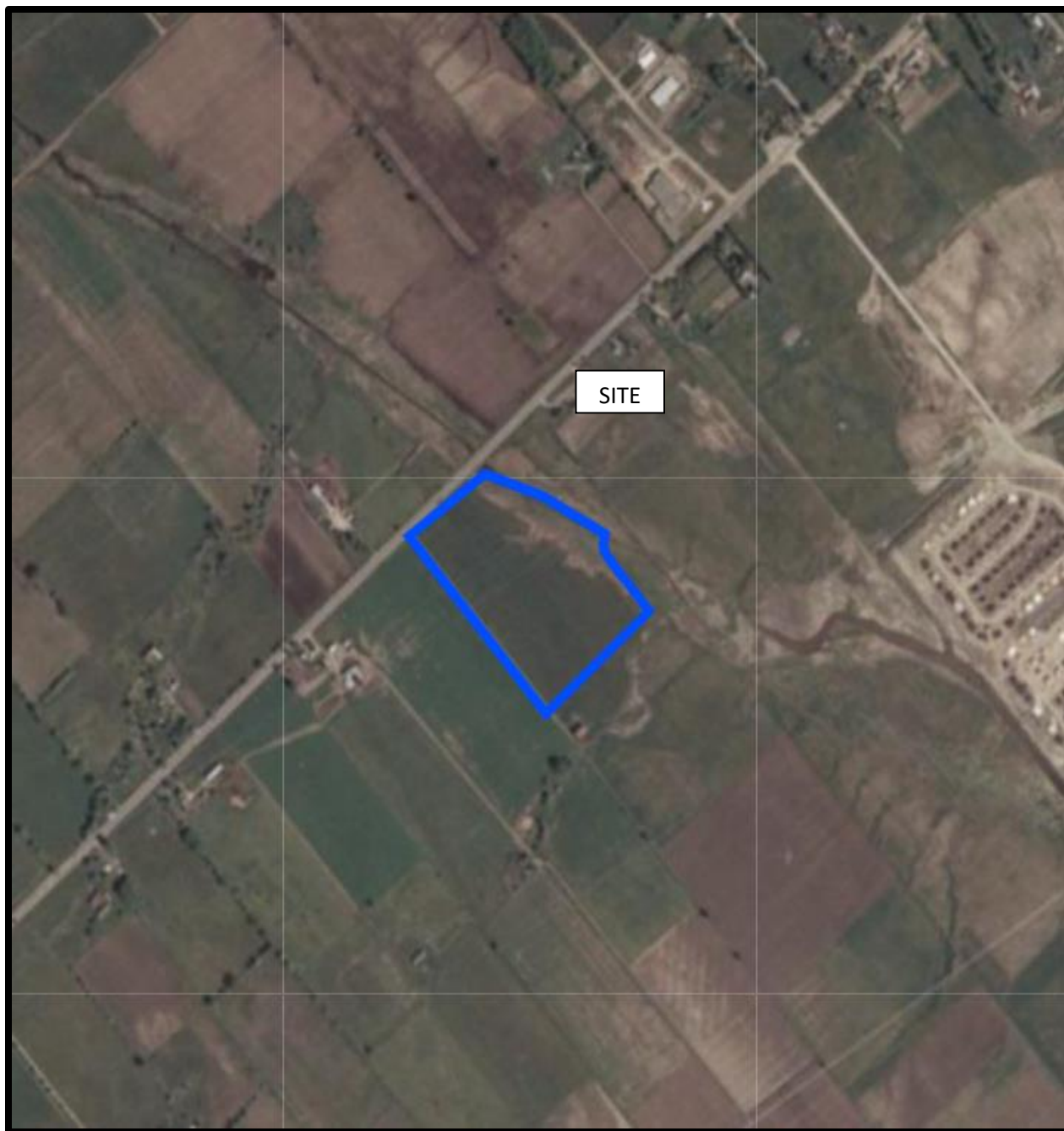
PE5304-2

Revision No.:

APPENDIX 1

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS



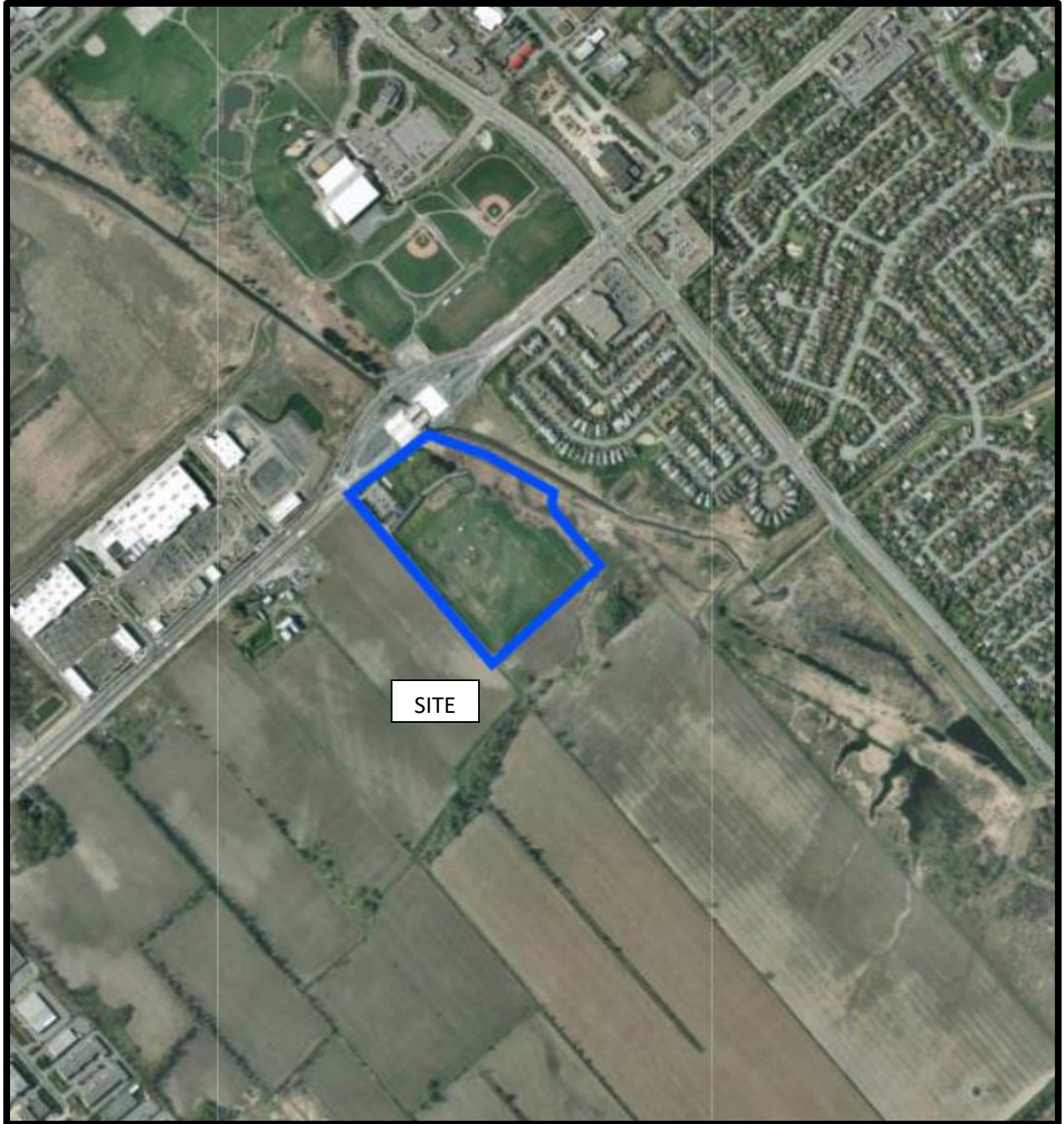
AERIAL PHOTOGRAPH
1976



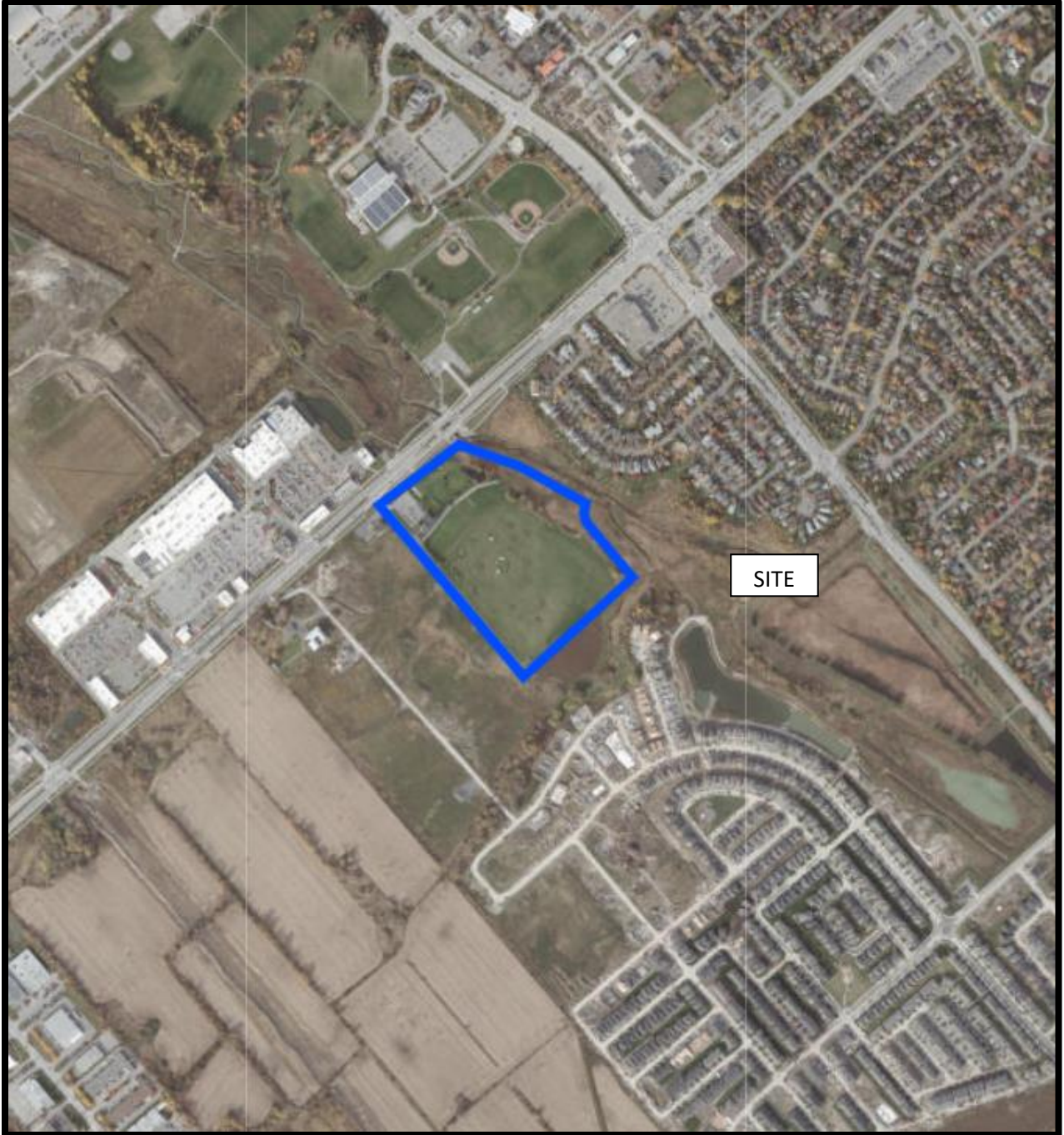
AERIAL PHOTOGRAPH
1991



AERIAL PHOTOGRAPH
2002



AERIAL PHOTOGRAPH
2011



AERIAL PHOTOGRAPH
2019

Site Photographs

PE5304

560 Hazeldean Road, Ottawa, Ontario

May 11, 2020



Photograph 1: Photograph of the Phase I ESA Property fronting Hazeldean Road.



Photograph 2: Photograph of the exterior ASTs situated on the western wall of the subject building.

Site Photographs

PE5304

560 Hazeldean Road, Ottawa, Ontario

May 11, 2020



Photograph 3: Photograph of the western side of the Phase I ESA Property looking north towards Hazeldean Road.



Photograph 4: Photograph of the north side of the subject building.

Site Photographs

PE5304

560 Hazeldean Road, Ottawa, Ontario

May 11, 2020



Photograph 5: Photograph of the western side of the Phase I ESA Property onto the landscaped area looking north towards Hazeldean Road.



Photograph 6: Photograph of the south end of the Phase I ESA Property.

APPENDIX 2

MECP FREEDOM OF INFORMATION SEARCH

TSSA CORRESPONDENCE

CITY OF OTTAWA HISTORICAL LAND USE INVENTORY SEARCH

ERIS SEARCH

**Ministry of the Environment,
Conservation and Parks**

Access and Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075
Fax: (416) 314-4285

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

Bureau de l'accès à l'information et
de la protection de la vie privée

12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Téléc.: (416) 314-4285



May 10, 2021

Mandy Witteman
Paterson Group Inc.
154 Colonnade Road
Ottawa, ON K2E 7J5

Dear Mandy Witteman:

RE: ***Freedom of Information and Protection of Privacy Act Request***
Our File # A-2021-01769, Your Reference 20210510161059995 / PE5304

The Ministry is in receipt of your request made pursuant to the *Freedom of Information and Protection of Privacy Act* and has received your payment in the amount of \$5.00 (non-refundable application fee).

The search will be conducted on the following: 560 Hazeldean Road, Ottawa. If there is any discrepancy please contact us immediately.

You may expect a reply or additional communication as your request is processed. For your information, the Ministry charges for search and preparation time.

Due to the COVID-19 outbreak, requesters may experience some delays with FOI requests at this time.

If you have any questions regarding this matter, please contact Eric Giang at 416-274-2927 or eric.giang@ontario.ca.

Yours truly,

Original signed by

Noel Kent
Manager, Access and Privacy

GROUND WATER BRANCH
15 No 293
17 SEP 7 1951
RESOURCES COMMISSION

Elev. 4^R 0 3 2 2 **The Ontario Water Resources Commission Act, 1957**

Basin 2529

WATER WELL RECORD

County or District GRAND ST. CO. Township, Village, Town or City Freeport

Can 12 Lot 29 Date completed 19 5 2007
(day month year)

Press 11020070

Casing and Screen Record

Inside diameter of casing.....	4"
Total length of casing.....	33
Type of screen.....	—
Length of screen.....	—
Depth to top of screen.....	—
Diameter of finished hole.....	4"

Pumping Test

Static level..... 70 P
Test-pumping rate..... $3\frac{1}{2}$ G.P.M.
Pumping level..... 20
Duration of test pumping..... 1 Hr.
Water clear or cloudy at end of test..... CLEAR
Recommended pumping rate..... $3\frac{1}{2}$ G.P.M.
with pumping level of..... 20

Well Log

Water Record

[illegible]

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

CAR RACING TRACK & BOOTH

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

Drilling Firm..... F P SPORTS

Address 57175VILLE

Licence Number.....

Name of Driller.....C. F. SPAGNOLI.....

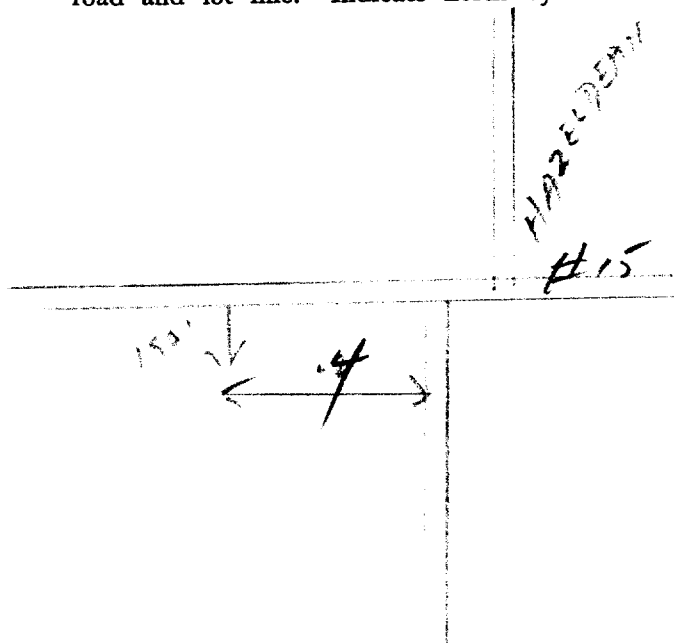
Address

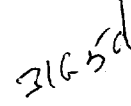
Date Aug 30/21

(Signature of Licensed Drilling Contractor)

Location of Well

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





OWRC COPY

Print only in spaces provided.

Mark correct box with a checkmark, where applicable.

11

1532407

Municipality

Con.

02

County or District Ottawa Carleton	Township/Borough/City/Town/Village Kanot	Con block tract survey, etc. 2	Lot 30
Owner's surname Claridge Homes	First Name	Address 210 Gladstone Ave., suit 2001 Ottawa, Ontario	Date completed 18 day month 01 year

21	Zone	Easting	Northing	RC	Elevation	Basin Code
1 2	U T M	10	12 17	18 24	25 30	ii iii iv

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)[illegible]

31

32

10 14 15 21 22 23 24 25 26 27 28 29 30

41		WATER RECORD	
Water found at - feet		Kind of water	
10-13	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	14
	2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals	
15-18	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	19
	2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals	
20-23	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	24
	2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals	
25-28	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	29
	2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals	
30-33	1 <input type="checkbox"/> Fresh	3 <input type="checkbox"/> Sulphur	34
	2 <input type="checkbox"/> Salty	4 <input type="checkbox"/> Minerals	
		6 <input type="checkbox"/> Gas	

51 CASING & OPEN HOLE RECORD				
Inside diam inches	Material	Wall thickness inches	Depth - feet	
			From	To
10-11	<input type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input type="checkbox"/> Open hole <input type="checkbox"/> Plastic	12		13-16
17-18	<input type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input type="checkbox"/> Open hole <input type="checkbox"/> Plastic	19		20-23
24-25	<input type="checkbox"/> Steel <input type="checkbox"/> Galvanized <input type="checkbox"/> Concrete <input type="checkbox"/> Open hole <input type="checkbox"/> Plastic	26		27-30

SCREEN	Sizes of opening (Slot No.)	31-33	Diameter	34-38	Length	39-40
			inches		feet	
	Material and type			Depth at top of screen 41-44		
				feet		

61				PLUGGING & SEALING RECORD			
<input type="checkbox"/> Annular space				<input checked="" type="checkbox"/> Abandonment			
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)					
From	To						
10-13	14-17	3/4 inch hole plug (10)					
6670	4						
18-21	22-25	6 inch well					
26-29	30-33	80					

PUMPING TEST	71 Pumping test method ¹⁰ 1 <input type="checkbox"/> Pump 2 <input type="checkbox"/> Bailor		Pumping rate ¹¹⁻¹⁴ GPM		Duration of pumping ¹⁵⁻¹⁶ Hours ¹⁷⁻¹⁸ Mins		
	25 Static level		Water level end of pumping		Water levels during 1 <input type="checkbox"/> Pumping 2 <input type="checkbox"/> Recovery		
	19-21		22-24		15 minutes ²⁶⁻²⁸		
					30 minutes ²⁹⁻³¹		
					45 minutes ³²⁻³⁴		
					60 minutes ³⁵⁻³⁷		
feet		feet		feet		feet	
If flowing give rate ³⁸⁻⁴¹ GPM		Pump intake set at feet		Water at end of test ⁴² <input type="checkbox"/> Clear <input type="checkbox"/> Cloudy			
Recommended pump type <input type="checkbox"/> Shallow <input type="checkbox"/> Deep		Recommended pump setting ⁴³⁻⁴⁵ feet		Recommended pump rate ⁴⁶⁻⁴⁹ GPM			
50-53							

FINAL STATUS OF WELL 54

1 <input type="checkbox"/> Water supply	5 <input type="checkbox"/> Abandoned, insufficient supply	9 <input type="checkbox"/> Unfinished
2 <input type="checkbox"/> Observation well	6 <input type="checkbox"/> Abandoned, poor quality	10 <input type="checkbox"/> Replacement well
3 <input type="checkbox"/> Test hole	7 <input checked="" type="checkbox"/> Abandoned (Other)	
4 <input type="checkbox"/> Recharge well	8 <input checked="" type="checkbox"/> Dewatering	


WATER USE

55-56

1 <input type="checkbox"/> Domestic	5 <input type="checkbox"/> Commercial	9 <input type="checkbox"/> Not use
2 <input type="checkbox"/> Stock	6 <input type="checkbox"/> Municipal	10 <input type="checkbox"/> Other
3 <input type="checkbox"/> Irrigation	7 <input type="checkbox"/> Public supply	
4 <input type="checkbox"/> Industrial	8 <input type="checkbox"/> Cooling & air conditioning	

METHOD OF CONSTRUCTION 57

1 <input type="checkbox"/> Cable tool	5 <input type="checkbox"/> Air percussion	9 <input type="checkbox"/> Driving
2 <input type="checkbox"/> Rotary (conventional)	6 <input type="checkbox"/> Boring	10 <input type="checkbox"/> Digging
3 <input type="checkbox"/> Rotary (reverse)	7 <input type="checkbox"/> Diamond	11 <input type="checkbox"/> Other
4 <input type="checkbox"/> Rotary (air)	8 <input type="checkbox"/> Jetting	

Name of Well Contractor	Well Contractor's Licence No.
Capital Water Supply Ltd.	1558
Address	
P.O. Box 490 Stittsville, Ontario K0S 1A6	
Name of Well Technician	Well Technician's Licence No.
S. Miller	T0097
Signature of Technician/Contractor	Submission date
	day 19 ^{mo} 10 ^{yr} 0

LOCATION OF WELL

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

Block 27

25'

37'4"

Hazeldean Rd

Kincaid Drive

Westcreek meadows
Phase #2

230290

MINISTRY USE ONLY	Data source	58 Contractor	59-62	Date received	63-68	60
		1558		NOV 28 2001		
	Date of inspection		Inspector			
	Remarks					
	CSS.ES1					

N/A

Measurements recorded in: ☐ Metric ☒ Imperial

Page of

Well Owner's Information

First Name: RIOTRIN Last Name / Organization: PROPERTIES INC E-mail Address: c/o Savannah Construction
Mailing Address (Street Number/Name): RR# 2 Municipality: Ashton Province: Ont Postal Code: K0A 1B0 Telephone No. (inc. area code):

Well Location

Address of Well Location (Street Number/Name): #613 Hazeldean Road Township: Kanata Lot: P/L28029 Con12
County/District/Municipality: Ottawa-Carleton City/Town/Village: Kanata Province: Ontario Postal Code:
UTM Coordinates: Zone: 18 Easting: 429121 Northing: 5015531 Municipal Plan and Sublot Number: Plan 4R-22220/22221 Other:

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)
	6" Drilled well		Abandonment	0 34'

Annular Space		
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
34' 0	Hole Plug	

Method of Construction	Well Use
<input type="checkbox"/> Cable Tool <input type="checkbox"/> Rotary (Conventional) <input type="checkbox"/> Rotary (Reverse) <input type="checkbox"/> Boring <input type="checkbox"/> Air percussion <input type="checkbox"/> Other, specify	<input type="checkbox"/> Diamond <input type="checkbox"/> Jetting <input type="checkbox"/> Driving <input type="checkbox"/> Digging <input type="checkbox"/> Public <input type="checkbox"/> Domestic <input type="checkbox"/> Livestock <input type="checkbox"/> Irrigation <input type="checkbox"/> Industrial <input type="checkbox"/> Other, specify

Construction Record - Casing			Status of Well
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)
			From To

Construction Record - Screen			Status of Well
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)
			From To

Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: <input type="checkbox"/> Fresh <input type="checkbox"/> Untested <input type="checkbox"/> Gas <input type="checkbox"/> Other, specify	Depth (m/ft)	Diameter (cm/in)
		From To	

Well Contractor and Well Technician Information
Business Name of Well Contractor: AIR ROCK DRILLING CO LTD 1119 Well Contractor's Licence No.:
Business Address (Street Number/Name): RR#1 Municipality: RICHMOND
Province: ONT Postal Code: K0A2Z0 Business E-mail Address:
Bus. Telephone No. (inc. area code): 613/838 8170 Name of Well Technician (Last Name, First Name): Desautels Ken
Well Technician's Licence No.: T4 Signature of Technician and/or Contractor: Date Submitted: 20080930

Results of Well Yield Testing				
After test of well yield, water was: <input type="checkbox"/> Clear and sand free <input type="checkbox"/> Other, specify _____	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason:	Static Level			
Pump intake set at (m/ft)	1		1	
Pumping rate (l/min / GPM)	2		2	
Duration of pumping ____ hrs + ____ min	3		3	
Final water level end of pumping (m/ft)	4		4	
If flowing give rate (l/min / GPM)	5		5	
Recommended pump depth (m/ft)	10		10	
Recommended pump rate (l/min / GPM)	15		15	
Well production (l/min / GPM)	20		20	
Disinfected?	25		25	
<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	30		30	
	40		40	
	50		50	
	60		60	

Map of Well Location
Please provide a map below following instructions on the back.
285' 4KM Terry Fox
#613 Hazeldean Road

Comments:
Well owner's information package delivered: ☒ Yes ☐ No
Date Package Delivered: 20080922
Date Work Completed: 20080922
Ministry Use Only
Audit No. Z 82428
Received: OCT 14 2008

Mandy Witteman

From: Public Information Services <publicinformationsservices@tssa.org>
Sent: May 12, 2021 8:20 AM
To: Mandy Witteman
Subject: RE: Search records request (PE5304)

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

NO RECORD FOUND

Hello Mandy,

Thank you for your request for confirmation of public information.

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

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

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

Kind regards,

Saara



Public Information Agent

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

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

www.tssa.org



From: Mandy Witteman <MWitteman@Patersongroup.ca>
Sent: May 11, 2021 4:09 PM
To: Public Information Services <publicinformationsservices@tssa.org>
Subject: Search records request (PE5304)

[CAUTION]: This email originated outside the organisation.

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

Good Afternoon,

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

Hazeldean Rd: 560, 590, 5527, 5487, 5497

Thank you

Cheers,

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

paterosongroup

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

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

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

Office Use Only

Application Number: _____	Ward Number: _____	Application Received: (dd/mm/yyyy): _____
Client Service Centre Staff: _____	Fee Received: \$	<input type="text"/>



Historic Land Use Inventory

Application Form

Notice of Public Record

All information and materials required in support of your application shall be made available to the public, as indicated by Section 1.0.1 of *The Planning Act*, R.S.O. 1990, C.P.13.

Municipal Freedom of Information and Protection Act

Personal information on this form is collected under the authority the *Planning Act*, RSO 1990, c. P. 13 and will be used to process this application. Questions about this collection may be directed by mail to Manager, Business Support Services, Planning Infrastructure and Economic Development Department, 110 Laurier Avenue West, Ottawa, K1P 1J1, or by phone at (613) 580-2424, ext. 24075

Background Information

***Site Address or Location:**

560 Hazeldean Road, Ottawa ON

**Mandatory Field*

Applicant/Agent Information:

Name:	<input type="text" value="Mandy Witteman"/>		
Mailing Address:	<input type="text" value="154 Colonnade Road South Ottawa, Ontario, K2E 7J5"/>		
Telephone:	<input type="text" value="403-921-1157"/>	Email Address:	<input type="text" value="MWitteman@Patersongroup.ca"/>

Registered Property Owner Information:

☐ Same as above

Name:	<input type="text" value="Evan Garfinkel"/>		
Mailing Address:	<input type="text" value="1727 Woodward Drive, Ottawa, ON"/>		
Telephone:	<input type="text" value="613-230-2100 x. 6004"/>	Email Address:	<input type="text" value="egarfinkel@regionalgroup.com"/>

Site Details

Legal Description
and PIN:

Part of Lot 29, Concession 10, Goulbourn, now the City of Ottawa.

What is the land
currently used for?

Commerical

Lot frontage: m Lot depth: m Lot area: m²

OR Lot area: (irregular lot) 91600 m²

Does the site have Full Municipal Services: ☒ Yes ☐ No

Required Fees

Please don't hesitate to visit the [Historic Land Use Inventory website](#) more information. Fees must be paid in full at the time of application submission.

Planning Fee

\$128.00

Submittal Requirements

The following are required to be submitted with this application:

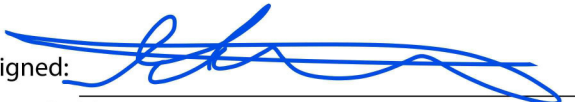
- 1. Consent to Disclose Information:** Consultants and other third parties may make requests for information on behalf of an individual or corporation. However, if the requester is not the owner of the property, **the requester must provide the City of Ottawa with a 'consent to disclose information' letter, signed by the property owner.** This will authorize the City of Ottawa to release any relevant information about the property or its owner(s) to the requester. Consent for disclosure is required in the event that personal information or proprietary company information is found concerning the property and its owner. All consents must clearly indicate the name of the property owner as well as the name of the requester, and must be signed and dated.
- 2. Disclaimer:** Requesters must read and understand the conditions included in the attached disclaimer and submit a signed disclaimer to the City of Ottawa's Planning, Infrastructure and Economic Development Department. This disclaimer is related to the Historic Land Use Inventory and must be received by the City of Ottawa, signed and dated by the requestor, before the process can begin.
- 3. A site plan or key plan of the property, its location and particular features.**
- 4. Any significant dates or time frames that you would like researched.**

Disclaimer
For use with HLUI Database

CITY OF OTTAWA ("the City") is the owner of the Historical Land Use Inventory ("HLUI"), a database of information on the type and location of land uses within the geographic area of Ottawa, which had or have the potential to cause contamination in soil, groundwater or surface water.

The City, in providing information from the HLUI, to Paterson Group Inc. ("the Requester") does so only under the following conditions and understanding:

1. The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.
2. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.
3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the HLUI.
4. Copyright is reserved to the City.
5. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.
6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.
7. All information collected under this request and all records provided in response to this request are subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M.56, as amended.

Signed: 

Dated (dd/mm/yyyy): 10/03/2021

Per: Mandy Witteman
(Please print name)

Title: Environmental Consultant

Company: Paterson Group Inc.

May 10, 2021
File: PE5304-HLUI

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

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

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

Subject: **Authorization Letter, HLUI Search**
Phase I-Environmental Site Assessment Update
560 Hazeldean Road, Ottawa, ON

www.patersongroup.ca

Dear Sir

Please consider this letter as confirmation that Paterson Group has been retained to conduct a Phase I-Environmental Site Assessment at the aforementioned property.

With this letter, the property owner authorizes the City of Ottawa and other regulatory bodies to release, to Paterson Group, information requested for the purpose of completing an environmental assessment of the property.

Name of Company/Property Owner:

Name of Representative

Signature of Representative

Date



DATABASE **REPORT**

Project Property:	<i>PE5129 - 560 Hazeldean Rd, Ottawa PE5129 - 560 Hazeldean Rd, Ottawa Stittsville ON K2S 0N9</i>
Project No:	<i>31370</i>
Report Type:	<i>Quote - Custom-Build Your Own Report</i>
Order No:	<i>20321400060</i>
Requested by:	<i>Paterson Group Inc.</i>
Date Completed:	<i>December 17, 2020</i>

Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	6
Executive Summary: Site Report Summary - Surrounding Properties.....	7
Executive Summary: Summary By Data Source.....	11
Map.....	17
Aerial.....	18
Topographic Map.....	19
Detail Report.....	20
Unplottable Summary.....	53
Unplottable Report.....	55
Appendix: Database Descriptions.....	73
Definitions.....	82

Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

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

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Executive Summary

Property Information:

Project Property: PE5129 - 560 Hazeldean Rd, Ottawa
PE5129 - 560 Hazeldean Rd, Ottawa Stittsville ON K2S 0N9

Project No: 31370

Order Information:

Order No: 20321400060
Date Requested: December 14, 2020
Requested by: Paterson Group Inc.
Report Type: Quote - Custom-Build Your Own Report

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	2	2
CA	Certificates of Approval	Y	0	1	1
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	3	3
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	2	2
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	28	28
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
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	3	3
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	1	1
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	2	2
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	5	5
Total:			0	47	47

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

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>1</u>	GEN	TMG ROCK CONTRACTORS LTD	575 HAZELDEAN ROAD KANATA ON	WNW/33.1	-0.72	<u>20</u>
<u>1</u>	GEN	TMG ROCK CONTRACTORS LTD.	575 HAZELDEAN ROAD KANATA ON	WNW/33.1	-0.72	<u>20</u>
<u>2</u>	WWIS		lot 29 con 11 ON Well ID: 1502931	NNW/44.7	-0.91	<u>20</u>
<u>3</u>	EHS		538 Hazeldean Road Ottawa (Kanata) ON	NNW/59.1	-1.00	<u>23</u>
<u>4</u>	EHS		5618 Hazeldean Rd,5786&5657 Fernbank Rd,1489&1545 Shea Rd Ottawa ON	SE/73.1	1.00	<u>23</u>
<u>5</u>	BORE		ON	N/118.2	-0.75	<u>23</u>
<u>6</u>	WWIS		lot 30 con 11 ON Well ID: 7263441	ESE/118.3	0.00	<u>24</u>
<u>7</u>	WWIS		lot 30 con 2 ON Well ID: 1532407	NE/158.7	0.00	<u>25</u>
<u>8</u>	WWIS		613 HAZELDEAN ROAD con 12 KANATA ON Well ID: 7113120	WNW/165.1	0.00	<u>26</u>
<u>9</u>	BORE		ON	W/179.7	0.00	<u>28</u>
<u>10</u>	WWIS		lot 29 con 11 ON Well ID: 1511288	W/179.7	0.00	<u>29</u>
<u>11</u>	GEN	Value Village Stores	5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	WNW/194.2	-1.00	<u>31</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
11	GEN	Bed Bath & Beyond Canada LP	5487 Hazeldean Road Unit 2 Stittsville ON	WNW/194.2	-1.00	32
11	GEN	Value Village Stores	5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	WNW/194.2	-1.00	32
11	GEN	Bed Bath & Beyond Canada LP	5487 Hazeldean Road Unit 2 Stittsville ON	WNW/194.2	-1.00	32
11	GEN	Value Village Stores	5487 Hazeldean Road Unit 1 Stittsville ON	WNW/194.2	-1.00	32
11	GEN	Value Village Stores	5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	WNW/194.2	-1.00	33
11	GEN	Value Village Stores	5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	WNW/194.2	-1.00	34
11	GEN	Bed Bath & Beyond Canada LP	5487 Hazeldean Road Unit 2 Stittsville ON K2S 0P5	WNW/194.2	-1.00	35
11	GEN	Bed Bath & Beyond Canada LP	5487 Hazeldean Road Unit 2 Stittsville ON K2S 0P5	WNW/194.2	-1.00	35
11	GEN	Value Village Stores	5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	WNW/194.2	-1.00	36
11	GEN	Bed Bath & Beyond Canada LP	5487 Hazeldean Road Unit 2 Stittsville ON K2S 0P5	WNW/194.2	-1.00	36
11	GEN	Value Village Stores Value Village Store 2120	5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	WNW/194.2	-1.00	37
11	GEN	Bed Bath & Beyond Canada LP	5487 Hazeldean Road Unit 2 Stittsville ON K2S 0P5	WNW/194.2	-1.00	38
11	GEN	Value Village Stores Value Village Store 2120	5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	WNW/194.2	-1.00	39

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>11</u>	GEN	Bed Bath & Beyond Canada LP	5487 Hazeldean Road Unit 2 Stittsville ON K2S 0P5	WNW/194.2	-1.00	<u>40</u>
<u>12</u>	GEN	Richcraft Group Of Companies	590 Hazeldean Rd. Ottawa ON K1G 4K1	S/244.6	2.00	<u>41</u>
<u>12</u>	ECA	2118356 Ontario Inc.	590 Hazeldean Rd (Part of Lot 29, Concession 11) Ottawa ON K1G 4K1	S/244.6	2.00	<u>41</u>
<u>12</u>	PTTW	2118356 Ontario Inc.	590 Hazeldean Road Part of Lot 29, Concession 11 Ottawa, ON Canada ON	S/244.6	2.00	<u>42</u>
<u>13</u>	ECA	City of Ottawa	Ottawa ON K1P 1J1	SSE/249.5	1.00	<u>42</u>
<u>14</u>	SPL	Sobeys Capital Incorporated	700 Terry Fox Drive Ottawa ON	NNE/249.9	1.00	<u>43</u>
<u>14</u>	GEN	Sobeys Pharmacy	700 Terry Fox Dr Kanata ON K2L 4H4	NNE/249.9	1.00	<u>43</u>
<u>14</u>	SPL		700 Terry Fox Drive, Kanata Ottawa ON	NNE/249.9	1.00	<u>43</u>
<u>14</u>	GEN	Sobeys Pharmacy #7217	700 Terry Fox Dr Kanata ON K2L 4H4	NNE/249.9	1.00	<u>44</u>
<u>15</u>	CA	Lowe's Companies Canada, ULC	5577 Hazeldean Rd Ottawa ON K2S 0P5	W/249.9	0.00	<u>44</u>
<u>15</u>	PES	LOWE'S COMPANIES CDA	5577 HAZELDEAN RD OTTAWA ON K2S 0P5	W/249.9	0.00	<u>44</u>
<u>15</u>	GEN	Lowe's Home Centres(Canada), Inc.	5577 Hazeldean Rd. Ottawa ON K2S 0P5	W/249.9	0.00	<u>45</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>15</u>	PES	LOWE'S COMPANIES CDA	5577 HAZELDEAN RD OTTAWA ON K2S0P5	W/249.9	0.00	<u>45</u>
<u>15</u>	GEN	Lowe's Home Centres(Canada), Inc.	5577 Hazeldean Rd. Ottawa ON K2S 0P5	W/249.9	0.00	<u>45</u>
<u>15</u>	GEN	Lowe's Home Centres(Canada), Inc.	5577 Hazeldean Rd. Ottawa ON	W/249.9	0.00	<u>46</u>
<u>15</u>	ECA	Lowe's Companies Canada, ULC	5577 Hazeldean Rd Ottawa ON M2N 6L9	W/249.9	0.00	<u>46</u>
<u>15</u>	GEN	Lowe's Home Centres(Canada), Inc.	5577 Hazeldean Rd. Ottawa ON K2S 0P5	W/249.9	0.00	<u>46</u>
<u>15</u>	GEN	Lowe's Home Centres(Canada), Inc.	5577 Hazeldean Rd. Ottawa ON K2S 0P5	W/249.9	0.00	<u>47</u>
<u>15</u>	GEN	Lowe's Home Centres(Canada), Inc.	5577 Hazeldean Rd. Ottawa ON K2S 0P5	W/249.9	0.00	<u>48</u>
<u>15</u>	GEN	Lowe's Home Centres(Canada), Inc.	5577 Hazeldean Rd. Ottawa ON K2S 0P5	W/249.9	0.00	<u>49</u>
<u>15</u>	GEN	Lowe's Home Centres(Canada), Inc.	5577 Hazeldean Rd. Ottawa ON K2S 0P5	W/249.9	0.00	<u>50</u>
<u>15</u>	PES	LOWE'S COMPANIES CANADA, ULC	5577 HAZELDEAN RD STITTSTVILLE ON K2S 0P5	W/249.9	0.00	<u>51</u>

Executive Summary: Summary By Data Source

BORE - Borehole

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

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	118.2	<u>5</u>
	ON	179.7	<u>9</u>

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 1 CA site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Lowe's Companies Canada, ULC	5577 Hazeldean Rd Ottawa ON K2S 0P5	249.9	<u>15</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Nov 30, 2020 has found that there are 3 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
2118356 Ontario Inc.	590 Hazeldean Rd (Part of Lot 29, Concession 11) Ottawa ON K1G 4K1	244.6	<u>12</u>
City of Ottawa	Ottawa ON K1P 1J1	249.5	<u>13</u>
Lowe's Companies Canada, ULC	5577 Hazeldean Rd Ottawa ON M2N 6L9	249.9	<u>15</u>

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

A search of the EHS database, dated 1999-Oct 31, 2020 has found that there are 2 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	538 Hazeldean Road Ottawa (Kanata) ON	59.1	<u>3</u>
	5618 Hazeldean Rd,5786&5657 Fernbank Rd, 1489&1545 Shea Rd Ottawa ON	73.1	<u>4</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 31, 2020 has found that there are 28 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
TMG ROCK CONTRACTORS LTD	575 HAZELDEAN ROAD KANATA ON	33.1	<u>1</u>
TMG ROCK CONTRACTORS LTD.	575 HAZELDEAN ROAD KANATA ON	33.1	<u>1</u>
Value Village Stores	5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	194.2	<u>11</u>
Bed Bath & Beyond Canada LP	5487 Hazeldean Road Unit 2 Stittsville ON	194.2	<u>11</u>
Value Village Stores	5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	194.2	<u>11</u>
Bed Bath & Beyond Canada LP	5487 Hazeldean Road Unit 2 Stittsville ON	194.2	<u>11</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Value Village Stores	5487 Hazeldean Road Unit 1 Stittsville ON	194.2	<u>11</u>
Value Village Stores	5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	194.2	<u>11</u>
Value Village Stores	5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	194.2	<u>11</u>
Bed Bath & Beyond Canada LP	5487 Hazeldean Road Unit 2 Stittsville ON K2S 0P5	194.2	<u>11</u>
Bed Bath & Beyond Canada LP	5487 Hazeldean Road Unit 2 Stittsville ON K2S 0P5	194.2	<u>11</u>
Value Village Stores	5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	194.2	<u>11</u>
Bed Bath & Beyond Canada LP	5487 Hazeldean Road Unit 2 Stittsville ON K2S 0P5	194.2	<u>11</u>
Value Village Stores Value Village Store 2120	5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	194.2	<u>11</u>
Bed Bath & Beyond Canada LP	5487 Hazeldean Road Unit 2 Stittsville ON K2S 0P5	194.2	<u>11</u>
Value Village Stores Value Village Store 2120	5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	194.2	<u>11</u>
Bed Bath & Beyond Canada LP	5487 Hazeldean Road Unit 2 Stittsville ON K2S 0P5	194.2	<u>11</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Richcraft Group Of Companies	590 Hazeldean Rd. Ottawa ON K1G 4K1	244.6	<u>12</u>
Sobeys Pharmacy #7217	700 Terry Fox Dr Kanata ON K2L 4H4	249.9	<u>14</u>
Sobeys Pharmacy	700 Terry Fox Dr Kanata ON K2L 4H4	249.9	<u>14</u>
Lowe's Home Centres(Canada),Inc.	5577 Hazeldean Rd. Ottawa ON K2S 0P5	249.9	<u>15</u>
Lowe's Home Centres(Canada),Inc.	5577 Hazeldean Rd. Ottawa ON K2S 0P5	249.9	<u>15</u>
Lowe's Home Centres(Canada),Inc.	5577 Hazeldean Rd. Ottawa ON K2S 0P5	249.9	<u>15</u>
Lowe's Home Centres(Canada),Inc.	5577 Hazeldean Rd. Ottawa ON K2S 0P5	249.9	<u>15</u>
Lowe's Home Centres(Canada),Inc.	5577 Hazeldean Rd. Ottawa ON K2S 0P5	249.9	<u>15</u>
Lowe's Home Centres(Canada),Inc.	5577 Hazeldean Rd. Ottawa ON	249.9	<u>15</u>
Lowe's Home Centres(Canada),Inc.	5577 Hazeldean Rd. Ottawa ON K2S 0P5	249.9	<u>15</u>
Lowe's Home Centres(Canada),Inc.	5577 Hazeldean Rd. Ottawa ON K2S 0P5	249.9	<u>15</u>

PES - Pesticide Register

A search of the PES database, dated Oct 2011-Nov 30, 2020 has found that there are 3 PES site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
LOWE'S COMPANIES CANADA, ULC	5577 HAZELDEAN RD STITTSTVILLE ON K2S 0P5	249.9	<u>15</u>
LOWE'S COMPANIES CDA	5577 HAZELDEAN RD OTTAWA ON K2S 0P5	249.9	<u>15</u>
LOWE'S COMPANIES CDA	5577 HAZELDEAN RD OTTAWA ON K2S0P5	249.9	<u>15</u>

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994-Oct 31, 2020 has found that there are 1 PTTW site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
2118356 Ontario Inc.	590 Hazeldean Road Part of Lot 29, Concession 11 Ottawa, ON Canada ON	244.6	<u>12</u>

SPL - Ontario Spills

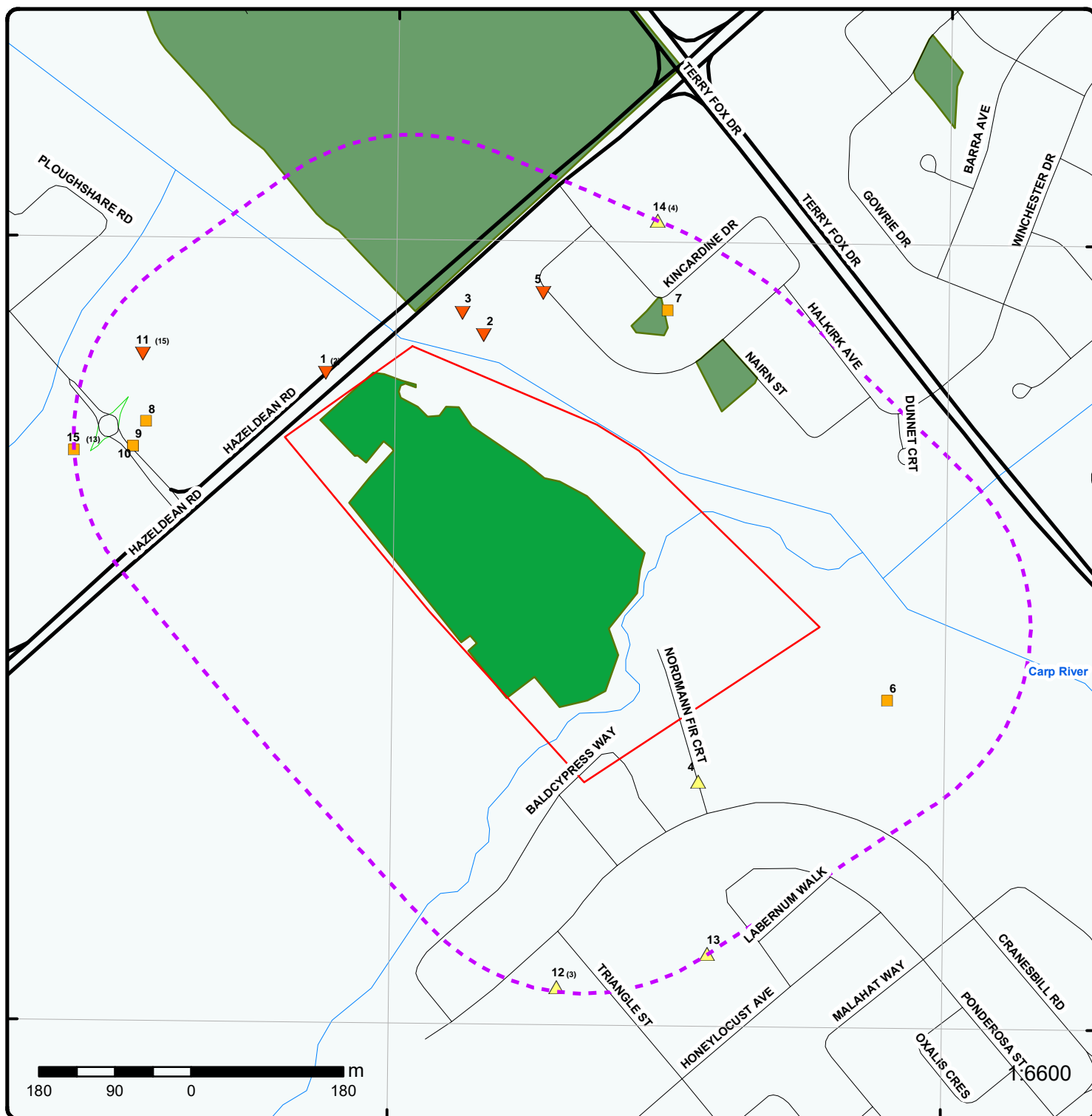
A search of the SPL database, dated 1988-Nov 2019 has found that there are 2 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	700 Terry Fox Drive, Kanata Ottawa ON	249.9	<u>14</u>
Sobeys Capital Incorporated	700 Terry Fox Drive Ottawa ON	249.9	<u>14</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 5 WWIS site(s) within approximately 0.25 kilometers of the project property.

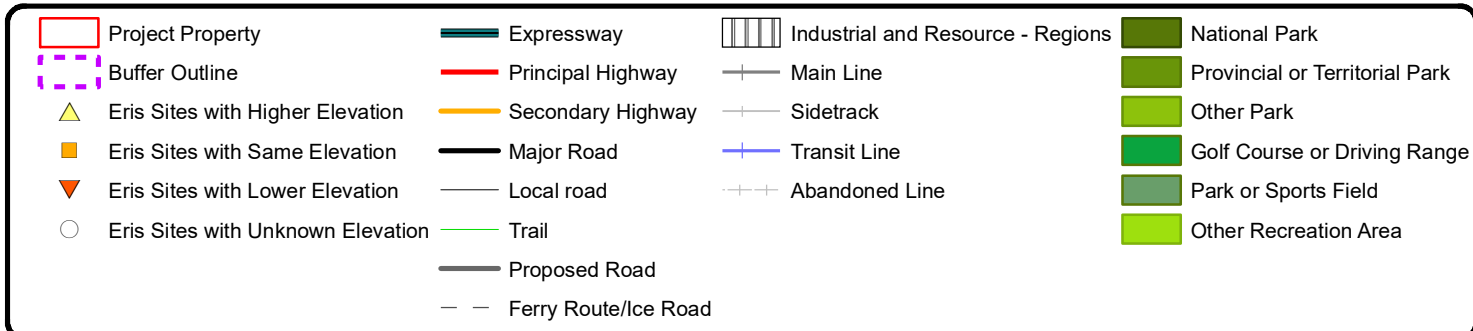
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 29 con 11 ON	44.7	<u>2</u>
	Well ID: 1502931		
	lot 30 con 11 ON	118.3	<u>6</u>
	Well ID: 7263441		
	lot 30 con 2 ON	158.7	<u>7</u>
	Well ID: 1532407		
	613 HAZELDEAN ROAD con 12 KANATA ON	165.1	<u>8</u>
	Well ID: 7113120		
	lot 29 con 11 ON	179.7	<u>10</u>
	Well ID: 1511288		



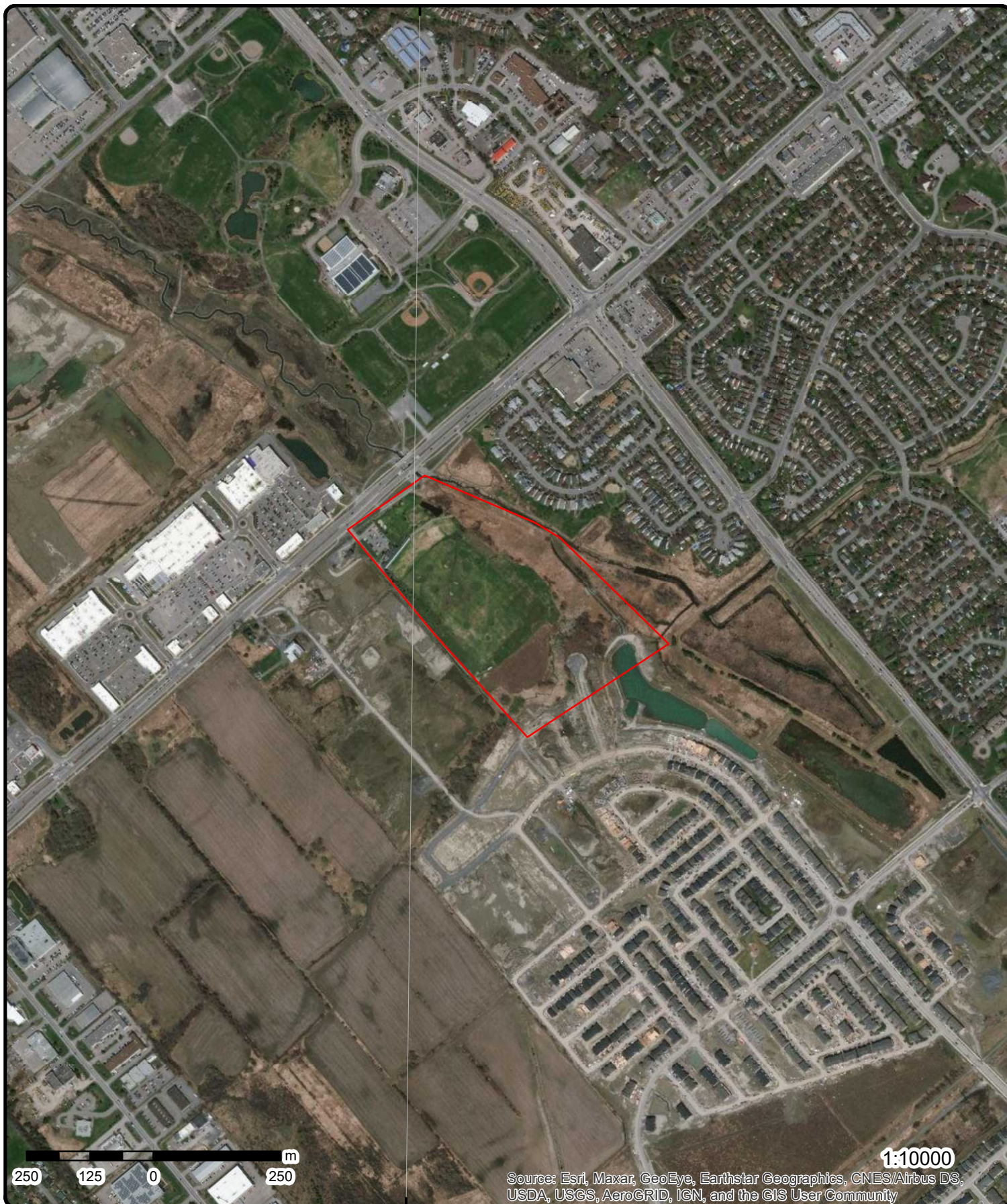
Map : 0.25 Kilometer Radius

Order Number: 20321400060

Address: PE5129 - 560 Hazeldean Rd, Ottawa, Stittsville, ON



75°54'W



Aerial Year: 2015

Address: PE5129 - 560 Hazeldean Rd, Ottawa, Stittsville, ON

Source: ESRI World Imagery

Order Number: 20321400060



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75°55'30"W

75°54'W

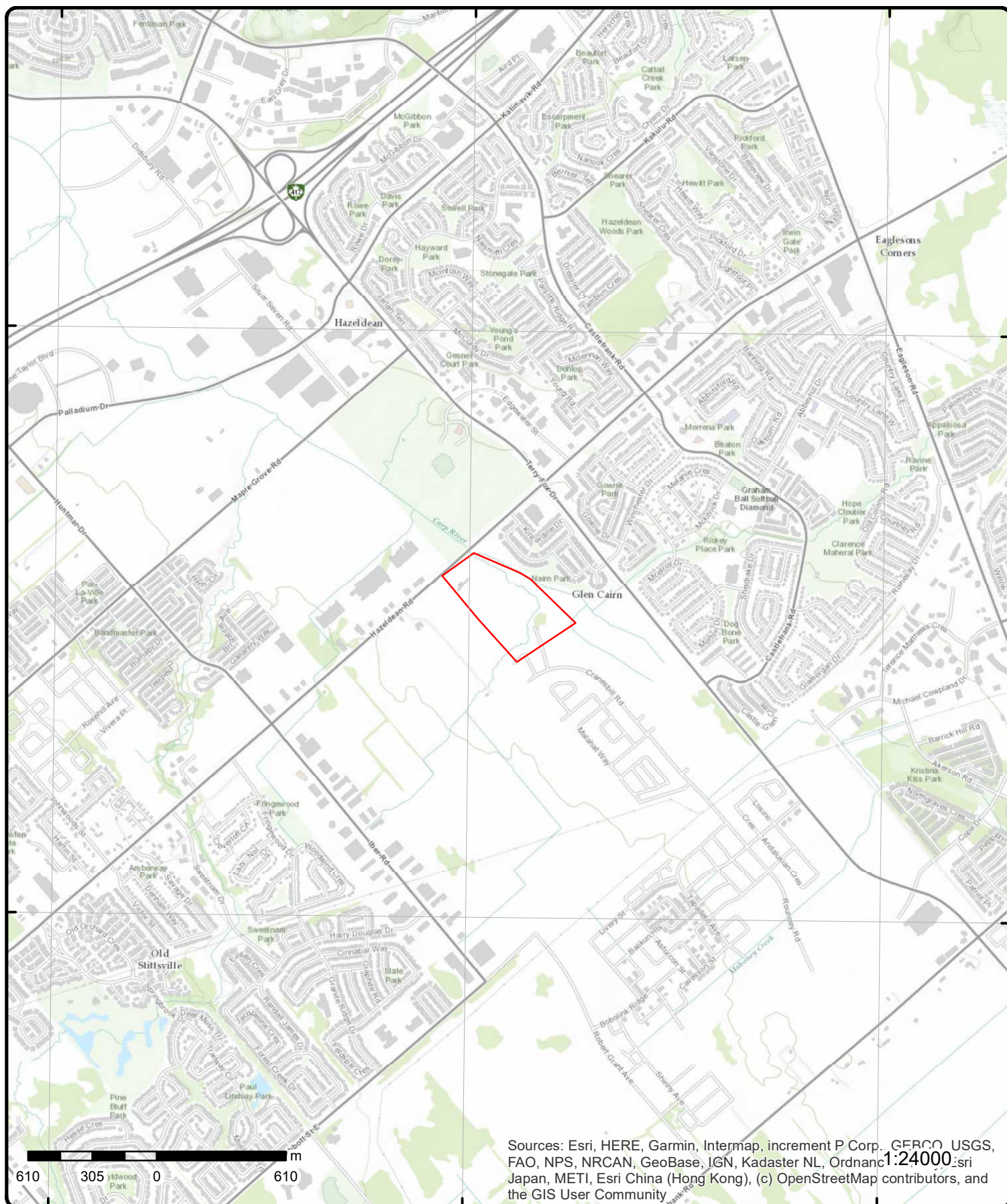
75°52'30"W

45°18'N

45°18'N

45°16'30"N

45°16'30"N



Topographic Map

Address: PE5129 - 560 Hazeldean Rd, Ottawa, ON

Source: ESRI World Topographic Map

Order Number: 20321400060



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 2	WNW/33.1	97.2 / -0.72	TMG ROCK CONTRACTORS LTD 575 HAZELDEAN ROAD KANATA ON	GEN
<div> <div> Generator No: ON0809802 Status: Approval Years: 92,93,97,98 Contam. Facility: MHSW Facility: SIC Code: 4219 SIC Description: OTHER SITE WORK </div> <div> PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: </div> </div>					
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
1	2 of 2	WNW/33.1	97.2 / -0.72	TMG ROCK CONTRACTORS LTD. 575 HAZELDEAN ROAD KANATA ON	GEN
<div> <div> Generator No: ON0809802 Status: Approval Years: 99,00,01 Contam. Facility: MHSW Facility: SIC Code: 4219 SIC Description: OTHER SITE WORK </div> <div> PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: </div> </div>					
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
2	1 of 1	NNW/44.7	97.0 / -0.91	lot 29 con 11 ON	WWIS
<div> <div> Well ID: 1502931 Construction Date: Primary Water Use: Commerical Sec. Water Use: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: </div> <div> Data Entry Status: Data Src: 1 Date Received: 9/7/1960 Selected Flag: Yes Abandonment Rec: Contractor: 4824 Form Version: 1 Owner: Street Name: County: OTTAWA Municipality: GOULBOURN TOWNSHIP Site Info: Lot: 029 Concession: 11 Concession Name: CON Easting NAD83: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502931.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10024974			Elevation:	97.528938
DP2BR:	32			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	429530.6
Code OB Desc:	Bedrock			North83:	5015632
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	7/14/1960			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930995599				
Layer:	1				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	32				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930995600				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	32				
Formation End Depth:	67				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
Use					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Method Construction ID:		961502931			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10573544			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930042730			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		67			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930042729			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		33			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991502931			
Pump Set At:					
Static Level:		0			
Final Level After Pumping:		20			
Recommended Pump Depth:		20			
Pumping Rate:		4			
Flowing Rate:					
Recommended Pump Rate:		4			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Water Details</u>					
Water ID:		933455746			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		65			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		ft			
<u>3</u>	1 of 1	NNW/59.1	96.9 / -1.00	538 Hazeldean Road Ottawa (Kanata) ON	EHS
Order No:		20091006004	Nearest Intersection:		
Status:		C	Municipality:		
Report Type:		Standard Report	Client Prov/State:		
Report Date:		10/15/2009	Search Radius (km):		
Date Received:		10/6/2009	X:		
Previous Site Name:			Y:		
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Sire Plans			
<u>4</u>	1 of 1	SE/73.1	98.9 / 1.00	5618 Hazeldean Rd,5786&5657 Fernbank Rd, 1489&1545 Shea Rd Ottawa ON	EHS
Order No:		20080212020	Nearest Intersection:		
Status:		C	Municipality:		
Report Type:		Custom Report	Client Prov/State:		
Report Date:		2/22/2008	Search Radius (km):		
Date Received:		2/12/2008	X:		
Previous Site Name:			Y:		
Lot/Building Size:		Greater than 500 Acres			
Additional Info Ordered:					
<u>5</u>	1 of 1	N/118.2	97.1 / -0.75	ON	BORE
Borehole ID:		609638	Inclin FLG:		
OGF ID:		215511254	SP Status:		
Status:			Surv Elev:		
Type:		Borehole	Piezometer:		
Use:			Primary Name:		
Completion Date:			Municipality:		
Static Water Level:			Lot:		
Primary Water Use:			Township:		
Sec. Water Use:			Latitude DD:		
Total Depth m:		-999	Longitude DD:		
Depth Ref:		Ground Surface	UTM Zone:		
Depth Elev:			Easting:		
Drill Method:			Northing:		
Orig Ground Elev m:		96	Location Accuracy:		
Elev Reliabil Note:			Accuracy:		
DEM Ground Elev m:		100			
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:		218383694	Mat Consistency:		
Top Depth:		0	Material Moisture:		
Bottom Depth:		9.8	Material Texture:		
Material Color:			Non Geo Mat Type:		
Material 1:		Clay	Geologic Formation:		
Material 2:			Geologic Group:		
Material 3:			Geologic Period:		
Material 4:			Depositional Gen:		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Gsc Material Description:					
Stratum Description:		CLAY.			
Geology Stratum ID:		218383695		Mat Consistency:	
Top Depth:		9.8		Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:		Grey		Non Geo Mat Type:	
Material 1:		Bedrock		Geologic Formation:	
Material 2:		Limestone		Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		BEDROCK,LIMESTONE. LIMESTONE. GREY. 000211C VELOCITY = 5500. BEDROCK. SEISMIC VELOCITY =			
		**Note: Many records provided by the department have a truncated [Stratum Description] field.			
Source					
Source Type:		Data Survey		Source Appl:	
Source Orig:		Geological Survey of Canada		Source Iden:	
Source Date:		1956-1972		Scale or Res:	
Confidence:		M		Horizontal:	
Observatio:				Verticalda:	
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Details:		File: OTTAWA1.txt RecordID: 021460 NTS_Sheet: 31G05D			
Confiden 1:		Reliable information but incomplete.			
Source List					
Source Identifier:		1		Horizontal Datum:	
Source Type:		Data Survey		Vertical Datum:	
Source Date:		1956-1972		Projection Name:	
Scale or Resolution:		Varies			
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Originators:		Geological Survey of Canada			
<u>6</u>	1 of 1	ESE/118.3	97.9 / 0.00	lot 30 con 11 ON	WWIS
Well ID:		7263441		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	
Sec. Water Use:				Selected Flag:	
Final Well Status:				Abandonment Rec:	
Water Type:				Contractor:	
Casing Material:				Form Version:	
Audit No:		C21241		Owner:	
Tag:		A140418		Street Name:	
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:					
PDF URL (Map):					
Bore Hole Information					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Bore Hole ID:	1006005783			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	430007
Code OB Desc:				North83:	5015200
Open Hole:				Org CS:	MTM09
Cluster Kind:				UTMRC:	5
Date Completed:	2/15/2013			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1532407.pdf

Bore Hole Information

Bore Hole ID:	10516857	Elevation:	100.838996
DP2BR:		Elevrc:	
Spatial Status:	Improved	Zone:	18
Code OB:	—	East83:	429748
Code OB Desc:	No formation data	North83:	5015661
Open Hole:		Org CS:	N83
Cluster Kind:		UTMRC:	3
Date Completed:	10/18/2001	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:	1999-2004 MOE Water Well Data Improvement Project		
Improvement Location Method:	GIS10000		
Source Revision Comment:	Northing and/or Easting field has been changed. Reasonably sure well location matches sketch map (similar features).approx using road names only		
Supplier Comment:	Accuracy was not specified from source. Within 20m horizontal accuracy assumed as worst case using GIS at a scale of 1:10000.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	961532407				
Method Construction Code:	0				
Method Construction:	Not Known				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	11065427				
Casing No:	1				
Comment:					
Alt Name:					
<u>8</u>	1 of 1	WNW/165.1	97.9 / 0.00	613 HAZELDEAN ROAD con 12 KANATA ON	WWIS
Well ID:	7113120			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:				Date Received:	10/14/2008
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Abandoned-Other			Abandonment Rec:	Yes
Water Type:				Contractor:	1119
Casing Material:				Form Version:	7
Audit No:	Z82428			Owner:	
Tag:				Street Name:	613 HAZELDEAN ROAD
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	MARCH TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	12
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/711\7113120.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	1001837108			Elevation:	95.994171
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	429131
Code OB Desc:				North83:	5015531
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	9/22/2008			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation ID:		1002432357			
Layer:		1			
Color:					
General Color:					
Mat1:		27			
Most Common Material:		OTHER			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		34			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1002432359			
Layer:		1			
Plug From:		34			
Plug To:		0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1002432363			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1002432356			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002432361			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1002432362			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		1002432360			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1002432358			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

9	1 of 1	W/179.7	97.9 / 0.00	ON	BORE
Borehole ID:	609632			Inclin FLG:	No
OGF ID:	215511248			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	JUL-1971			Municipality:	
Static Water Level:	-29.0			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.289443
Total Depth m:	47.5			Longitude DD:	-75.903936
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	429116
Drill Method:				Northing:	5015502
Orig Ground Elev m:	96.9			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	96.3				
Concession:					
Location D:					
Survey D:					
Comments:					

<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218383681			Mat Consistency:	
Top Depth:	7.6			Material Moisture:	
Bottom Depth:	47.5			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Limestone			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	LIMESTONE. 00150 STABLE AT 415.0 FEET.. LIMESTONE. GREY. 00111SEISMIC VELOCITY = 11500 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218383680			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	7.6			Material Texture:	
Material Color:	Blue			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3:			Geologic Period:		
Material 4:			Depositional Gen:		
Gsc Material Description:					
Stratum Description:			CLAY. BLUE.		
<u>Source</u>					
Source Type:	Data Survey	Source Appl:		Spatial/Tabular	
Source Orig:	Geological Survey of Canada	Source Iden:		1	
Source Date:	1956-1972	Scale or Res:		Varies	
Confidence:		Horizontal:		NAD27	
Observatio:		Verticalda:		Mean Average Sea Level	
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 02140 NTS_Sheet:				
Confiden 1:					
<u>Source List</u>					
Source Identifier:	1	Horizontal Datum:		NAD27	
Source Type:	Data Survey	Vertical Datum:		Mean Average Sea Level	
Source Date:	1956-1972	Projection Name:		Universal Transverse Mercator	
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				

10	1 of 1	W/179.7	97.9 / 0.00	lot 29 con 11 ON	WWIS
Well ID:	1511288			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	7/30/1971
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	2425
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	029
Well Depth:				Concession:	11
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1511288.pdf

Bore Hole Information

Bore Hole ID:	10033284	Elevation:	96.31501
DP2BR:	25	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	429115.6
Code OB Desc:	Bedrock	North83:	5015502
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	7/17/1971	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931017244			
Layer:		2			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		25			
Formation End Depth:		156			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931017243			
Layer:		1			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961511288			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10581854			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930059073			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:		26			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991511288			
Pump Set At:					
Static Level:		4			
Final Level After Pumping:		50			
Recommended Pump Depth:		60			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934643379			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		4			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381801			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		10			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934096981			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		20			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933466400			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		150			
Water Found Depth UOM:		ft			
11	1 of 15	WNW/194.2	96.9 / -1.00	Value Village Stores 5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON2881803 2011 452999			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
11	2 of 15	WNW/194.2	96.9 / -1.00	Bed Bath & Beyond Canada LP 5487 Hazeldean Road Unit 2 Stittsville ON	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON7825430 2012 452110 Department Stores			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
11	3 of 15	WNW/194.2	96.9 / -1.00	Value Village Stores 5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON2881803 2012 452999 All Other Miscellaneous General Merchandise Stores			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
11	4 of 15	WNW/194.2	96.9 / -1.00	Bed Bath & Beyond Canada LP 5487 Hazeldean Road Unit 2 Stittsville ON	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON7825430 2013 452110 DEPARTMENT STORES			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	263 ORGANIC LABORATORY CHEMICALS				
Waste Class: Waste Class Desc:	148 INORGANIC LABORATORY CHEMICALS				
Waste Class: Waste Class Desc:	331 WASTE COMPRESSED GASES				
11	5 of 15	WNW/194.2	96.9 / -1.00	Value Village Stores 5487 Hazeldean Road Unit 1 Stittsville ON	GEN
Generator No: Status:	ON2881803			PO Box No: Country:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	2013 452999			Choice of Contact: Co Admin: Phone No Admin: ALL OTHER MISCELLANEOUS GENERAL MERCHANDISE STORES	
<u>Detail(s)</u>					
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			

<u>11</u>	6 of 15	WNW/194.2	96.9 / -1.00	Value Village Stores 5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON2881803 2016 No No 452999			PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin: ALL OTHER MISCELLANEOUS GENERAL MERCHANDISE STORES	
<u>Detail(s)</u>					
Waste Class:		269			
Waste Class Desc:		NON-HALOGENATED PESTICIDES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			

<u>11</u>	7 of 15	WNW/194.2	96.9 / -1.00	Value Village Stores 5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	GEN
Generator No:	ON2881803			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	452999				
SIC Description:	ALL OTHER MISCELLANEOUS GENERAL MERCHANDISE STORES				

Detail(s)

Waste Class:	261
Waste Class Desc:	PHARMACEUTICALS
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	262
Waste Class Desc:	DETERGENTS/SOAPS
Waste Class:	312

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			

11

8 of 15

WNW/194.2

96.9 / -1.00

Bed Bath & Beyond Canada LP

5487 Hazeldean Road Unit 2

Stittsville ON K2S 0P5

GEN

Generator No:

ON7825430

PO Box No:

Status:

Country:

Canada

Approval Years:

2016

Choice of Contact:

CO_ADMIN

Contam. Facility:

No

Co Admin:

Chris Baker

MHSW Facility:

No

Phone No Admin:

713-625-7015 Ext.

SIC Code:

452110

SIC Description:

DEPARTMENT STORES

Detail(s)

Waste Class:

331

Waste Class Desc:

WASTE COMPRESSED GASES

Waste Class:

146

Waste Class Desc:

OTHER SPECIFIED INORGANICS

Waste Class:

263

Waste Class Desc:

ORGANIC LABORATORY CHEMICALS

Waste Class:

148

Waste Class Desc:

INORGANIC LABORATORY CHEMICALS

Waste Class:

212

Waste Class Desc:

ALIPHATIC SOLVENTS

Waste Class:

252

Waste Class Desc:

WASTE OILS & LUBRICANTS

11	9 of 15	WNW/194.2	96.9 / -1.00	Bed Bath & Beyond Canada LP 5487 Hazeldean Road Unit 2 Stittsville ON K2S 0P5	GEN
Generator No:		ON7825430		PO Box No:	
Status:				Country: Canada	
Approval Years:		2015		Choice of Contact: CO_ADMIN	
Contam. Facility:		No		Co Admin: Chris Baker	
MHSW Facility:		No		Phone No Admin: 713-625-7015 Ext.	
SIC Code:		452110			
SIC Description:		DEPARTMENT STORES			
<u>Detail(s)</u>					
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
<hr/>					
11	10 of 15	WNW/194.2	96.9 / -1.00	Value Village Stores 5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	GEN
Generator No:	ON2881803			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	452999				
SIC Description:	ALL OTHER MISCELLANEOUS GENERAL MERCHANDISE STORES				
 <u>Detail(s)</u>					
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
<hr/>					
11	11 of 15	WNW/194.2	96.9 / -1.00	Bed Bath & Beyond Canada LP 5487 Hazeldean Road Unit 2 Stittsville ON K2S 0P5	GEN
Generator No:	ON7825430			PO Box No:	
Status:				Country:	Canada
Approval Years:	2014			Choice of Contact:	CO_ADMIN
Contam. Facility:	No			Co Admin:	Chris Baker
MHSW Facility:	No			Phone No Admin:	713-625-7015 Ext.
SIC Code:	452110				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:		DEPARTMENT STORES			
Detail(s)					
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
11	12 of 15	WNW/194.2	96.9 / -1.00	Value Village Stores Value Village Store 2120 5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	GEN
Generator No:	ON2881803			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:					
Detail(s)					
Waste Class:	112 C				
Waste Class Desc:	Acid solutions - containing heavy metals				
Waste Class:	122 C				
Waste Class Desc:	Alkaline slutions - containing other metals and non-metals (not cyanide)				
Waste Class:	145 I				
Waste Class Desc:	Wastes from the use of pigments, coatings and paints				
Waste Class:	145 L				
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:	148 C				
Waste Class Desc:	Misc. wastes and inorganic chemicals				
Waste Class:	148 I				
Waste Class Desc:	Misc. wastes and inorganic chemicals				
Waste Class:	212 I				
Waste Class Desc:	Aliphatic solvents and residues				
Waste Class:	212 L				
Waste Class Desc:	Aliphatic solvents and residues				
Waste Class:	242 L				
Waste Class Desc:	Halogenated pesticides and herbicides				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Desc:		242 T Halogenated pesticides and herbicides			
Waste Class: Waste Class Desc:		252 L Waste crankcase oils and lubricants			
Waste Class: Waste Class Desc:		261 A Pharmaceuticals			
Waste Class: Waste Class Desc:		261 I Pharmaceuticals			
Waste Class: Waste Class Desc:		261 L Pharmaceuticals			
Waste Class: Waste Class Desc:		262 C Detergents and soaps			
Waste Class: Waste Class Desc:		262 L Detergents and soaps			
Waste Class: Waste Class Desc:		263 A Misc. waste organic chemicals			
Waste Class: Waste Class Desc:		263 I Misc. waste organic chemicals			
Waste Class: Waste Class Desc:		263 L Misc. waste organic chemicals			
Waste Class: Waste Class Desc:		269 L Organic non-halogenated pesticide and herbicide wastes			
Waste Class: Waste Class Desc:		269 T Organic non-halogenated pesticide and herbicide wastes			
Waste Class: Waste Class Desc:		312 P Pathological wastes			
Waste Class: Waste Class Desc:		331 I Waste compressed gases including cylinders			
Waste Class: Waste Class Desc:		331 L Waste compressed gases including cylinders			

11

13 of 15

WNW/194.2

96.9 / -1.00

Bed Bath & Beyond Canada LP
5487 Hazeldean Road Unit 2
Stittsville ON K2S 0P5

GEN

Generator No: ON7825430
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Detail(s)

Waste Class: 146 T
Waste Class Desc: Other specified inorganic sludges, slurries or solids

Waste Class: 148 C
Waste Class Desc: Misc. wastes and inorganic chemicals

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Waste Class:		148 I			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		212 I			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		262 L			
Waste Class Desc:		Detergents and soaps			
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		263 L			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		331 L			
Waste Class Desc:		Waste compressed gases including cylinders			

11	14 of 15	WNW/194.2	96.9 / -1.00	Value Village Stores Value Village Store 2120 5487 Hazeldean Road Unit 1 Stittsville ON K2S 0P5	GEN
Generator No:	ON2881803			PO Box No:	
Status:	Registered			Country:	Canada
Approval Years:	As of Jul 2020			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					

Detail(s)

Waste Class:	269 T
Waste Class Desc:	Organic non-halogenated pesticide and herbicide wastes
Waste Class:	148 I
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	261 A
Waste Class Desc:	Pharmaceuticals
Waste Class:	263 L
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	331 I
Waste Class Desc:	Waste compressed gases including cylinders
Waste Class:	112 C
Waste Class Desc:	Acid solutions - containing heavy metals
Waste Class:	261 I
Waste Class Desc:	Pharmaceuticals
Waste Class:	145 I
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	312 P

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

[11](#)

15 of 15

WNW/194.2

96.9 / -1.00

Bed Bath & Beyond Canada LP
5487 Hazeldean Road Unit 2
Stittsville ON K2S 0P5

GEN

Generator No: ON7825430
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		148 C			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		212 I			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		331 L			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		146 T			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		263 L			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		262 L			
Waste Class Desc:		Detergents and soaps			
Waste Class:		148 I			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
12	1 of 3	S/244.6	99.9 / 2.00	Richcraft Group Of Companies 590 Hazeldean Rd. Ottawa ON K1G 4K1	GEN
Generator No:	ON9617097			PO Box No:	
Status:				Country:	Canada
Approval Years:	2015			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	561799				
SIC Description:	ALL OTHER SERVICES TO BUILDINGS AND DWELLINGS				
<u>Detail(s)</u>					
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
12	2 of 3	S/244.6	99.9 / 2.00	2118356 Ontario Inc. 590 Hazeldean Rd (Part of Lot 29, Concession 11) Ottawa ON K1G 4K1	ECA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval No:	9582-AS7MFY			MOE District:	
Approval Date:	2017-10-18			City:	
Status:	Approved			Longitude:	
Record Type:	ECA			Latitude:	
Link Source:	IDS			Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Address:	590 Hazeldean Rd (Part of Lot 29, Concession 11)				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/7925-AS4JZR-14.pdf				

13

1 of 1

SSE/249.5

98.9 / 1.00

City of Ottawa

ECA

Ottawa ON K1P 1J1

Approval No:

7191-5AYNB4

MOE District:

Ottawa

Approval Date:

2002-08-13

City:

Status:

Revoked and/or Replaced

Longitude:

-75.8952

Record Type:

ECA

Latitude:

45.2841

Link Source:

IDS

Geometry X:

SWP Area Name:

Mississippi Valley

Geometry Y:

Approval Type:

ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS

Project Type:

MUNICIPAL AND PRIVATE SEWAGE WORKS

Address:

Full Address:

Full PDF Link:

<https://www.accessenvironment.ene.gov.on.ca/instruments/2579-5ANTTY-14.pdf>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	1 of 4	NNE/249.9	98.9 / 1.00	Sobeys Capital Incorporated 700 Terry Fox Drive Ottawa ON	SPL
Ref No:	4627-73QM38			Discharger Report:	
Site No:				Material Group:	Gases/Particulate
Incident Dt:				Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Other
Incident Event:				Agency Involved:	
Contaminant Code:	38			Nearest Watercourse:	
Contaminant Name:	REFRIGERANT GAS R404A			Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Confirmed			Site Municipality:	Ottawa
Nature of Impact:	Air Pollution			Site Lot:	
Receiving Medium:	Air			Site Conc:	
Receiving Env:				Northing:	
MOE Response:	No Field Response			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	5/31/2007			Site Map Datum:	
Dt Document Closed:	9/29/2007			SAC Action Class:	
Incident Reason:				Source Type:	
Site Name:	Sobey's<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Sobey's: R404A 500 lb to atm, unit leak				
Contaminant Qty:	227 kg				
14	2 of 4	NNE/249.9	98.9 / 1.00	Sobeys Pharmacy 700 Terry Fox Dr Kanata ON K2L 4H4	GEN
Generator No:	ON5412167			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:	261 A				
Waste Class Desc:	Pharmaceuticals				
Waste Class:	312 P				
Waste Class Desc:	Pathological wastes				
14	3 of 4	NNE/249.9	98.9 / 1.00	700 Terry Fox Drive, Kanata Ottawa ON	SPL
Ref No:	7525-B92VK9			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	2019/02/03			Health/Env Conseq:	4 - Medium Environment
Year:				Client Type:	
Incident Cause:				Sector Type:	Miscellaneous Industrial
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	38			Nearest Watercourse:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Contaminant Name: REFRIGERANT GAS, N.O.S. Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: 1078 Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: Air MOE Response: No Dt MOE Arvl on Scn: MOE Reported Dt: 2019/02/03 Dt Document Closed: 2019/03/09 Incident Reason: Equipment Failure Site Name: Sobey's # 4734 - 104 kg R404A released from Rack A<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Sobey's # 4734 - 104 kg of R404A from Rack A. Terry Fox Dr. Contaminant Qty: 104 kg </div> <div> Site Address: 700 Terry Fox Drive, Kanata Site District Office: Ottawa Site Postal Code: Site Region: Eastern Site Municipality: Ottawa Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Air Spills - Gases and Vapours Source Type: Other </div> </div>					
14	4 of 4	NNE/249.9	98.9 / 1.00	Sobeys Pharmacy #7217 700 Terry Fox Dr Kanata ON K2L 4H4	GEN
<div> <div> Generator No: ON5412167 Status: Registered Approval Years: As of Jul 2020 Contam. Facility: MHSW Facility: SIC Code: SIC Description: </div> <div> PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin: </div> </div>					
<u>Detail(s)</u>					
<div> <div> Waste Class: 312 P Waste Class Desc: Pathological wastes </div> <div> Waste Class: 261 A Waste Class Desc: Pharmaceuticals </div> </div>					
15	1 of 13	W/249.9	97.9 / 0.00	Lowe's Companies Canada, ULC 5577 Hazeldean Rd Ottawa ON K2S 0P5	CA
<div> <div> Certificate #: 0325-8E5PSM Application Year: 2011 Issue Date: 2/23/2011 Approval Type: Air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: </div> </div>					
15	2 of 13	W/249.9	97.9 / 0.00	LOWE'S COMPANIES CDA 5577 HAZELDEAN RD OTTAWA ON K2S 0P5	PES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Vendor Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link: </div> <div> Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name: </div> </div>					
15	3 of 13	W/249.9	97.9 / 0.00	Lowe's Home Centres(Canada),Inc. 5577 Hazeldean Rd. Ottawa ON K2S 0P5	GEN
<div> <div> Generator No: ON6188962 Status: Approval Years: 2011 Contam. Facility: MHSW Facility: SIC Code: 444110, 444190 SIC Description: </div> <div> PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: </div> </div>					
15	4 of 13	W/249.9	97.9 / 0.00	LOWE'S COMPANIES CDA 5577 HAZELDEAN RD OTTAWA ON K2S0P5	PES
<div> <div> Detail Licence No: Licence No: 15604 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: Limited Vendor Licence Type Code: 23 Licence Class: 01 Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link: </div> <div> Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 704 Oper Phone No: 7582751 Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name: </div> </div>					
15	5 of 13	W/249.9	97.9 / 0.00	Lowe's Home Centres(Canada),Inc. 5577 Hazeldean Rd. Ottawa ON K2S 0P5	GEN
<div> <div> Generator No: ON6188962 Status: Approval Years: 2012 </div> <div> PO Box No: Country: Choice of Contact: </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: 444110, 444190 SIC Description: Home Centres, Other Building Material Dealers					
Co Admin: Phone No Admin:					
15	6 of 13	W/249.9	97.9 / 0.00	Lowe's Home Centres(Canada),Inc. 5577 Hazeldean Rd. Ottawa ON	GEN
Generator No: ON6188962 Status: Approval Years: 2013 Contam. Facility: MHSW Facility: SIC Code: 444110, 444190 SIC Description: HOME CENTRES, OTHER BUILDING MATERIAL DEALERS					
PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
<u>Detail(s)</u>					
Waste Class: 331 Waste Class Desc: WASTE COMPRESSED GASES					
Waste Class: 148 Waste Class Desc: INORGANIC LABORATORY CHEMICALS					
Waste Class: 263 Waste Class Desc: ORGANIC LABORATORY CHEMICALS					
Waste Class: 145 Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES					
Waste Class: 242 Waste Class Desc: HALOGENATED PESTICIDES					
15	7 of 13	W/249.9	97.9 / 0.00	Lowe's Companies Canada, ULC 5577 Hazeldean Rd Ottawa ON M2N 6L9	ECA
Approval No: 0325-8E5PSM Approval Date: 2011-02-23 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-AIR Project Type: AIR Address: 5577 Hazeldean Rd Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7525-87LR87-14.pdf					
MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:					
15	8 of 13	W/249.9	97.9 / 0.00	Lowe's Home Centres(Canada),Inc. 5577 Hazeldean Rd. Ottawa ON K2S 0P5	GEN
Generator No: ON6188962 Status: Approval Years: 2015 Contam. Facility: No MHSW Facility: No SIC Code: 444110, 444190 SIC Description: HOME CENTRES, OTHER BUILDING MATERIAL DEALERS					
PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin:					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Detail(s)</u>					
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		269			
Waste Class Desc:		NON-HALOGENATED PESTICIDES			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		222			
Waste Class Desc:		HEAVY FUELS			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			

<u>15</u>	9 of 13	W/249.9	97.9 / 0.00	Lowe's Home Centres(Canada),Inc. 5577 Hazeldean Rd. Ottawa ON K2S 0P5	GEN
Generator No:	ON6188962			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	
MHSW Facility:	No			Phone No Admin:	
SIC Code:	444110, 444190				
SIC Description:	HOME CENTRES, OTHER BUILDING MATERIAL DEALERS				

Detail(s)

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Waste Class: Waste Class Desc:		112 ACID WASTE - HEAVY METALS			
Waste Class: Waste Class Desc:		148 INORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Desc:		146 OTHER SPECIFIED INORGANICS			
Waste Class: Waste Class Desc:		221 LIGHT FUELS			
Waste Class: Waste Class Desc:		261 PHARMACEUTICALS			
Waste Class: Waste Class Desc:		263 ORGANIC LABORATORY CHEMICALS			
Waste Class: Waste Class Desc:		213 PETROLEUM DISTILLATES			
Waste Class: Waste Class Desc:		122 ALKALINE WASTES - OTHER METALS			
Waste Class: Waste Class Desc:		242 HALOGENATED PESTICIDES			
Waste Class: Waste Class Desc:		269 NON-HALOGENATED PESTICIDES			
Waste Class: Waste Class Desc:		252 WASTE OILS & LUBRICANTS			
Waste Class: Waste Class Desc:		145 PAINT/PIGMENT/COATING RESIDUES			
Waste Class: Waste Class Desc:		222 HEAVY FUELS			
Waste Class: Waste Class Desc:		331 WASTE COMPRESSED GASES			
Waste Class: Waste Class Desc:		262 DETERGENTS/SOAPS			
Waste Class: Waste Class Desc:		212 ALIPHATIC SOLVENTS			

15	10 of 13	W/249.9	97.9 / 0.00	Lowe's Home Centres(Canada),Inc. 5577 Hazeldean Rd. Ottawa ON K2S 0P5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON6188962 2014 No No 444110, 444190 HOME CENTRES, OTHER BUILDING MATERIAL DEALERS			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL

Detail(s)

Waste Class: 331

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		222			
Waste Class Desc:		HEAVY FUELS			
15	11 of 13	W/249.9	97.9 / 0.00	Lowe's Home Centres(Canada),Inc. 5577 Hazeldean Rd. Ottawa ON K2S 0P5	GEN
Generator No:		ON6188962		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:					
Detail(s)					
Waste Class:		112 C			
Waste Class Desc:		Acid solutions - containing heavy metals			
Waste Class:		122 C			
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		145 I			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		145 L			
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:		148 C			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		212 I			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		213 I			
Waste Class Desc:		Petroleum distillates			
Waste Class:		221 I			
Waste Class Desc:		Light fuels			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
Waste Class: Waste Class Desc:		222 L Heavy fuels			
Waste Class: Waste Class Desc:		242 B Halogenated pesticides and herbicides			
Waste Class: Waste Class Desc:		242 T Halogenated pesticides and herbicides			
Waste Class: Waste Class Desc:		252 L Waste crankcase oils and lubricants			
Waste Class: Waste Class Desc:		261 L Pharmaceuticals			
Waste Class: Waste Class Desc:		262 L Detergents and soaps			
Waste Class: Waste Class Desc:		263 A Misc. waste organic chemicals			
Waste Class: Waste Class Desc:		263 I Misc. waste organic chemicals			
Waste Class: Waste Class Desc:		263 L Misc. waste organic chemicals			
Waste Class: Waste Class Desc:		269 T Organic non-halogenated pesticide and herbicide wastes			
Waste Class: Waste Class Desc:		331 I Waste compressed gases including cylinders			
Waste Class: Waste Class Desc:		331 L Waste compressed gases including cylinders			

<u>15</u>	12 of 13	W/249.9	97.9 / 0.00	Lowe's Home Centres(Canada),Inc. 5577 Hazeldean Rd. Ottawa ON K2S 0P5	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON6188962 Registered As of Jul 2020			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada

Detail(s)

Waste Class: Waste Class Desc:	145 L Wastes from the use of pigments, coatings and paints
Waste Class: Waste Class Desc:	145 I Wastes from the use of pigments, coatings and paints
Waste Class: Waste Class Desc:	242 T Halogenated pesticides and herbicides
Waste Class: Waste Class Desc:	252 L Waste crankcase oils and lubricants
Waste Class: Waste Class Desc:	269 T Organic non-halogenated pesticide and herbicide wastes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Desc:		263 A Misc. waste organic chemicals			
Waste Class: Waste Class Desc:		146 T Other specified inorganic sludges, slurries or solids			
Waste Class: Waste Class Desc:		263 L Misc. waste organic chemicals			
Waste Class: Waste Class Desc:		242 B Halogenated pesticides and herbicides			
Waste Class: Waste Class Desc:		221 I Light fuels			
Waste Class: Waste Class Desc:		112 C Acid solutions - containing heavy metals			
Waste Class: Waste Class Desc:		212 L Aliphatic solvents and residues			
Waste Class: Waste Class Desc:		148 A Misc. wastes and inorganic chemicals			
Waste Class: Waste Class Desc:		331 L Waste compressed gases including cylinders			
Waste Class: Waste Class Desc:		122 C Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class: Waste Class Desc:		261 L Pharmaceuticals			
Waste Class: Waste Class Desc:		212 I Aliphatic solvents and residues			
Waste Class: Waste Class Desc:		263 I Misc. waste organic chemicals			
Waste Class: Waste Class Desc:		331 I Waste compressed gases including cylinders			
Waste Class: Waste Class Desc:		148 C Misc. wastes and inorganic chemicals			
Waste Class: Waste Class Desc:		262 L Detergents and soaps			
Waste Class: Waste Class Desc:		213 I Petroleum distillates			
Waste Class: Waste Class Desc:		222 L Heavy fuels			

[15](#)

13 of 13

W/249.9

97.9 / 0.00

LOWE'S COMPANIES CANADA, ULC
5577 HAZELDEAN RD
STITTSVILLE ON K2S 0P5

PES

Detail Licence No:

Licence No: L-232-3071589308
Status: Active
Approval Date: 2019-12-04
Report Source: PEST-Limited Vendor
Licence Type: Limited Vendor

Operator Box:

Operator Class:
Operator No:
Operator Type:
Oper Area Code:
Oper Phone No:

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<hr/>					
Licence Type Code:				Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:	45.28861111			Operator Region:	
Longitude:	-75.90611111			Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	Ottawa
County:				SWP Area Name:	Mississippi Valley
Trade Name:					
PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2197553				

Unplottable Summary

Total: **33** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	KANATA RESEARCH PARK CORP.	TERRY FOX DR.,CROSS KEY, SWM	KANATA CITY ON	
CA	MACDONALD REALESTATE LTD.	HAZELDEAN RD.	KANATA CITY ON	
CA	KANATA RESEARCH PARK CORPORATION	TERRY FOX DR. KANATA N. BUS. P	KANATA CITY ON	
CA	GARFORD LTD. AND NOTLAW LTD.-TERRY FOX D	M.T.O. ACCES RD/TERRY FOX DR.	KANATA CITY ON	
CA	TAYLOR DEVELOPMENTS	SHOPPING CEN., TERRY FOX DRIVE	KANATA CITY ON	
CA	KANATA CITY VALLEY-VU REALTY	FUTURE TERRY FOX DR.	KANATA CITY ON	
CA	511376 ONTARIO INC.	HAZELDEAN RD. S.W. RET. FAC.	GOULBOURN TWP. ON	
CA	KANATA CITY VALLEY-VU REALTY FORCEMAIN	FUTURE TERRY FOX DR. P.S.	KANATA CITY ON	
CA	MACDONALD REALESTATE LTD.	HAZELDEAN RD.	KANATA CITY ON	
CA	KANATA CITY	TERRY FOX DRIVE	KANATA CITY ON	
CA	PENEX HAZELDEAN LIMITED	HAZELDEAN ROAD (SWM)	KANATA CITY ON	
CA	CLARIDGE HOMES (KANATA) INC.	HAZELDEAN RD.,PT.LOT 30/CON.XI	KANATA CITY ON	
CA	Westcreek Meadows - Phase 2B	Part of West Half of Lot 30, Concession 11	Kanata ON	
CA	Westcreek Meadows - Phase 2B	Part of West Half of Lot 30, Concession 11	Kanata ON	
CA	CANADIAN TIRE REAL ESTATE LTD., GILPAUL	TERRY FOX DR.,GAS BAR SWM FAC.	KANATA CITY ON	
CA	Terry Fox Drive Stormwater Management Facility at Realigned Richardson Side Road	Terry Fox Drive	Ottawa ON	

CA		Terry Fox Drive	Kanata ON	
CA	Riotrin Properties (Hazeldean) Inc.		Ottawa ON	
CA	Taggart Construction Limited	Mobile Facility	Ottawa ON	
CA	Riotrin Properties (Hazeldean) Inc.		Ottawa ON	
CA	KANATA CITY KANATA N. BUSINESS PARK	TERRY FOX DRIVE	KANATA CITY ON	
CA	TACO BELL OF CANADA	HAZELDEAN ROAD	KANATA CITY ON	
CONV	Taggart Construction Limited		Ottawa ON	
EBR	Taggart Construction Limited	Mobile Facility Ottawa Ontario Ottawa	ON	
ECA	City of Ottawa	Terry Fox Drive and Hazeldean Road	Ottawa ON	K1P 1J1
ECA	Taggart Construction Limited	Mobile Facility	Ottawa ON	K1V 8Y3
SPL	PUC	TERRY FOX DR PAD TRANSFORMER BY NEWBRIDGE COMM. LTD.	KANATA CITY ON	
SPL	Van's Industrial & Specialty Coatings<UNOFFICIAL>	Terry Fox Drive, Nepean	Ottawa ON	
SPL	Taggart Construction Limited		Ottawa ON	
SPL	TOP OIL RESOURCES	TOP OIL RESOURCES HAZELDEAN ROAD, GOULBORN TWP. DIESEL FUEL OUTLET	OTTAWA-CARLETON R. M. ON	
WWIS		lot 29	ON	
WWIS		con 11	ON	
WWIS		lot 29	ON	

Unplottable Report

Site: KANATA RESEARCH PARK CORP.
TERRY FOX DR.,CROSS KEY, SWM KANATA CITY ON

Database:
CA

Certificate #: 3-0087-96-
Application Year: 96
Issue Date: 4/1/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: MACDONALD REALESTATE LTD.
HAZELDEAN RD. KANATA CITY ON

Database:
CA

Certificate #: 7-1305-86-
Application Year: 86
Issue Date: 11/4/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: KANATA RESEARCH PARK CORPORATION
TERRY FOX DR. KANATA N. BUS. P KANATA CITY ON

Database:
CA

Certificate #: 7-0653-87-
Application Year: 87
Issue Date: 6/9/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GARFORD LTD. AND NOTLAW LTD.-TERRY FOX D
M.T.O. ACCES RD/TERRY FOX DR. KANATA CITY ON

Database:
CA

Certificate #: 7-0939-91-

Application Year: 91
Issue Date: 8/2/1991
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: TAYLOR DEVELOPMENTS
SHOPPING CEN., TERRY FOX DRIVE KANATA CITY ON

Database:
CA

Certificate #: 7-1321-88-
Application Year: 88
Issue Date: 8/19/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: KANATA CITY VALLEY-VU REALTY
FUTURE TERRY FOX DR. KANATA CITY ON

Database:
CA

Certificate #: 7-1420-86-
Application Year: 86
Issue Date: 12/17/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: 511376 ONTARIO INC.
HAZELDEAN RD. S.W. RET. FAC. GOULBOURN TWP. ON

Database:
CA

Certificate #: 3-0858-93-
Application Year: 93
Issue Date: 9/15/1993
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: KANATA CITY VALLEY-VU REALTY FORCEMAIN
FUTURE TERRY FOX DR. P.S. KANATA CITY ON

Database:
CA

Certificate #: 3-1793-86-
Application Year: 86
Issue Date: 12/17/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: MACDONALD REALESTATE LTD.
HAZELDEAN RD. KANATA CITY ON

Database:
CA

Certificate #: 3-1645-86-
Application Year: 86
Issue Date: 11/4/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: KANATA CITY
TERRY FOX DRIVE KANATA CITY ON

Database:
CA

Certificate #: 3-1806-87-
Application Year: 87
Issue Date: 10/5/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: PENEX HAZELDEAN LIMITED
HAZELDEAN ROAD (SWM) KANATA CITY ON

Database:
CA

Certificate #: 3-0099-97-
Application Year: 97
Issue Date: 4/11/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:

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

Site: CLARIDGE HOMES (KANATA) INC.
HAZELDEAN RD.,PT.LOT 30/CON.XI KANATA CITY ON

Database:
CA

Certificate #: 3-0960-96-
Application Year: 96
Issue Date: 9/6/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Westcreek Meadows - Phase 2B
Part of West Half of Lot 30, Concession 11 Kanata ON

Database:
CA

Certificate #: 2660-4PZM2T
Application Year: 00
Issue Date: 10/12/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Claridge Homes (Kanata) Inc.
Client Address: 210 Gladstone Avenue, Suite #2001
Client City: Ottawa
Client Postal Code: K2P 0Y6
Project Description: This application is for the installation of watermain on Kincardine Drive to serve the Westcreek Meadows, Phase 2B, subdivision.
Contaminants:
Emission Control:

Site: Westcreek Meadows - Phase 2B
Part of West Half of Lot 30, Concession 11 Kanata ON

Database:
CA

Certificate #: 1686-4PZLMV
Application Year: 00
Issue Date: 10/12/00
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Claridge Homes (Kanata) Inc.
Client Address: 210 Gladstone Avenue, Suite #2001
Client City: Ottawa
Client Postal Code: K2P 0Y6
Project Description: This application is for the installation of sanitary and storm sewers on Kincardine Drive to serve the Westcreek Meadows, Phase 2B, subdivision.
Contaminants:
Emission Control:

Site: CANADIAN TIRE REAL ESTATE LTD., GILPAUL
TERRY FOX DR.,GAS BAR SWM FAC. KANATA CITY ON

Database:
CA

Certificate #: 3-0329-99-

Application Year: 99
Issue Date: 7/26/1999
Approval Type: Municipal sewage
Status: Cancelled
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Terry Fox Drive Stormwater Management Facility at Realigned Richardson Side Road
Terry Fox Drive Ottawa ON

Database:
CA

Certificate #: 1044-5E9JWT
Application Year: 02
Issue Date: 9/27/02
Approval Type: Municipal & Private sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: City of Ottawa
Client Address: 110 Laurier Avenue West
Client City: City of Ottawa
Client Postal Code: K1P 1J1
Project Description: SWM Facility, quality and quantity control with inlet and outlet sewers
Contaminants:
Emission Control:

Site: Terry Fox Drive Kanata ON

Database:
CA

Certificate #: 0854-4BJN5
Application Year: 00
Issue Date: 4/13/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval
Client Name: Corporation of the Regional Municipality of Ottawa-Carleton
Client Address: 111 Lisgar Street
Client City: Ottawa
Client Postal Code: K2P 2L7
Project Description: Extension of the watermain on Terry Fox Drive from Winchester Drive south to Michael Cowpland Drive, with a 400 mm diameter watermain.
Contaminants:
Emission Control:

Site: Riotrin Properties (Hazeldean) Inc.
Ottawa ON

Database:
CA

Certificate #: 4886-7YTL68
Application Year: 2009
Issue Date: 12/18/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Taggart Construction Limited
Mobile Facility Ottawa ON

Database:
CA

Certificate #: 0636-7KEL2F
Application Year: 2008
Issue Date: 11/19/2008
Approval Type: Air
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Riotrin Properties (Hazeldean) Inc.
Ottawa ON

Database:
CA

Certificate #: 2213-7YETBS
Application Year: 2010
Issue Date: 1/4/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: KANATA CITY KANATA N. BUSINESS PARK
TERRY FOX DRIVE KANATA CITY ON

Database:
CA

Certificate #: 3-0786-87-
Application Year: 87
Issue Date: 6/9/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: TACO BELL OF CANADA
HAZELDEAN ROAD KANATA CITY ON

Database:
CA

Certificate #: 8-4092-94-
Application Year: 94
Issue Date: 7/15/1994
Approval Type: Industrial air
Status: Approved
Application Type:
Client Name:

Client Address:
Client City:
Client Postal Code:
Project Description: CONDENSATE & FRYER EXHAUST HOODS
Contaminants: Odour/Fumes
Emission Control: Fabric Filters,

Site: Taggart Construction Limited
Ottawa ON

Database:
CONV

File No: 012802

Location:

Crown Brief No:

Region:

Court Location:

Ministry District:

Publication City:

Publication Title:

Act:

Act(s):

First Matter:

Second Matter:

Investigation 1:

Investigation 2:

Penalty Imposed:

Description:

Taggart Construction Limited, Paterson Group Inc. and Robert Passmore have been fined \$5,000 each, totalling \$15,000 plus a victim fine surcharge, after pleading guilty on January 15, 2009 to violations under the Ontario Water Resources Act. Taggart Construction Limited and Paterson Group Inc. were convicted of failing to comply with a Provincial Officer Order by taking more than 50,000 litres of water per day, and Mr. Passmore was convicted of giving false or misleading information to the ministry. The parties were given six months to pay the fine. The Court heard that Taggart Construction Limited was contracted by a developer to install municipal services at a subdivision in Ottawa which required dewatering activities. After being issued a Provincial Officer Order to restrict water taking activities to below 50,000 litres per day until a permit had been obtained, Taggart hired Paterson Group Inc. to submit an application for the permit. Taggart then pumped over 50,000 litres of water based on information provided by Paterson Group employee, Mr. Passmore, that the go ahead to pump had been given when a permit had yet to be issued. In an interview with ministry investigators, Mr. Passmore denied giving Taggart verbal approval to pump in excess of 50,000 litres per day. Taggart Construction Limited, Paterson Group Inc. and Mr. Passmore were charged following an investigation by the Ministry of the Environment's Investigations and Enforcement Branch.

Background:

URL:

Additional Details

Publication Date:

Count:

1

Act:

OWRA

Regulation:

Section:

Act/Regulation/Section:

OWRA

Date of Offence:

Date of Conviction:

Date Charged:

January 15, 2009

Charge Disposition:

fine, victim fine surcharge

Fine:

\$5,000

Synopsis:

Site: Taggart Construction Limited
Mobile Facility Ottawa Ontario Ottawa ON

Database:
EBR

EBR Registry No:

IA07E0165

Ministry Ref No:

8556-6XWUA3

Notice Type:

Instrument Decision

Notice Stage:

803008003

Notice Date:

December 09, 2008

Proposal Date:

January 30, 2007

Year:

2007

Instrument Type:

(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)

Off Instrument Name:

Decision Posted:

Exception Posted:

Section:

Act 1:

Act 2:

Site Location Map:

Posted By:
Company Name: Taggart Construction Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: 3187 Albion Rd S, Ottawa Ontario, K1V 8Y3
Comment Period:
URL:

Site Location Details:

Mobile Facility Ottawa Ontario Ottawa

Site: **City of Ottawa**
Terry Fox Drive and Hazeldean Road Ottawa ON K1P 1J1

Database:
ECA

Approval No:	5809-5B2HCC	MOE District:	Ottawa
Approval Date:	2002-06-12	City:	
Status:	Approved	Longitude:	-75.92240000000001
Record Type:	ECA	Latitude:	45.282000000000004
Link Source:	IDS	Geometry X:	
SWP Area Name:	Mississippi Valley	Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	Terry Fox Drive and Hazeldean Road		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2808-5ANTEY-14.pdf		

Site: **Taggart Construction Limited**
Mobile Facility Ottawa ON K1V 8Y3

Database:
ECA

Approval No:	0636-7KEL2F	MOE District:	
Approval Date:	2008-11-19	City:	
Status:	Approved	Longitude:	
Record Type:	ECA	Latitude:	
Link Source:	IDS	Geometry X:	
SWP Area Name:		Geometry Y:	
Approval Type:	ECA-AIR		
Project Type:	AIR		
Address:	Mobile Facility		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8556-6XWUA3-14.pdf		

Site: **PUC**
TERRY FOX DR PAD TRANSFORMER BY NEWBRIDGE COMM. LTD. KANATA CITY ON

Database:
SPL

Ref No:	4874	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	6/7/1988	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	COOLING SYSTEM LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:		Site Municipality:	20103
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: 6/7/1988
Dt Document Closed:
Incident Reason: FIRE/EXPLOSION
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: KANATA HYDRO - 150 L MINERAL OIL (NO PCBS) TO GROUND.
Contaminant Qty:

Site Map Datum:
SAC Action Class:
Source Type:

Site: Van's Industrial & Specialty Coatings<UNOFFICIAL>
 Terry Fox Drive, Nepean Ottawa ON

Database:
 SPL

Ref No:	2438-6GNMTJ	Discharger Report:	0
Site No:		Material Group:	Oil
Incident Dt:	9/28/2005	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Other Transport Accident	Sector Type:	Other Motor Vehicle
Incident Event:		Agency Involved:	
Contaminant Code:		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:	
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
Nature of Impact:		Site Lot:	
Receiving Medium:	Land & Water	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	9/28/2005	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Spills to Watercourses
Incident Reason:	Adverse Road Condition - Road faults	Source Type:	
Site Name:	East side of Terry Fox Drive, between March Road and Legget Drive<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Van's Cleaning, 40 L diesel to road, ditch, sewer		
Contaminant Qty:			

Site: Taggart Construction Limited
 Ottawa ON

Database:
 SPL

Ref No:	7584-BB3KRQ	Discharger Report:	
Site No:	NA	Material Group:	
Incident Dt:	4/4/2019	Health/Env Conseq:	
Year:		Client Type:	Corporation
Incident Cause:		Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		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:		Site Municipality:	Ottawa
Nature of Impact:		Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	4/9/2019	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:		Source Type:	
Site Name:	1896 John Quinn rd, Metcalfe<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Mobile Crusher Relocation - 2019		
Contaminant Qty:			

Site: TOP OIL RESOURCES
TOP OIL RESOURCES HAZELDEAN ROAD, GOULBORN TWP. DIESEL FUEL OUTLET OTTAWA-CARLETON R.M.
ON

Database:
SPL

Ref No:	25861	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	9/25/1989	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	UNDERGROUND TANK LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:		Site Municipality:	20000
Nature of Impact:		Site Lot:	
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	MCCR
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	9/28/1989	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	
Incident Reason:	UNKNOWN	Source Type:	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TOP OIL RESOURCES- 7000 LTR DIESEL FUEL LEAK FROM UNDERGROUND TANK		
Contaminant Qty:			

Site:
lot 29 ON

Database:
WWIS

Well ID:	1522539	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	8/8/1988
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	3749
Casing Material:		Form Version:	1
Audit No:	25154	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	MARCH TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	029
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:	10044351	Elevation:	
DP2BR:	0	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	h	East83:	
Code OB Desc:	Mixed in a Layer	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	7/14/1988	UTMRC Desc:	unknown UTM

Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Location Method: na

**Overburden and Bedrock
Materials Interval**

Formation ID: 931051797
Layer: 2
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 85
Mat2 Desc: SOFT
Mat3: 80
Mat3 Desc: POROUS
Formation Top Depth: 7
Formation End Depth: 45
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931051796
Layer: 1
Color: 2
General Color: GREY
Mat1: 01
Most Common Material: FILL
Mat2: 26
Mat2 Desc: ROCK
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0
Formation End Depth: 7
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961522539
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10592921
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077565
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20

Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991522539
Pump Set At:
Static Level: 19
Final Level After Pumping: 19
Recommended Pump Depth: 40
Pumping Rate:
Flowing Rate:
Recommended Pump Rate: 14
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934110456
Test Type:
Test Duration: 15
Test Level: 19
Test Level UOM: ft

Water Details

Water ID: 933480469
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 32
Water Found Depth UOM: ft

Water Details

Water ID: 933480470
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 42
Water Found Depth UOM: ft

Site:
con 11 ON

Database:
[WWIS](#)

Well ID: 1521315
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 04582
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:

Data Entry Status:
Data Src: 1
Date Received: 5/20/1987
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot:

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

Concession: 11
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10043137
DP2BR: 0
Spatial Status:
Code OB: h
Code OB Desc: Mixed in a Layer
Open Hole:
Cluster Kind:
Date Completed: 4/16/1987
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

**Overburden and Bedrock
Materials Interval**

Formation ID: 931047547
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2: 26
Mat2 Desc: ROCK
Mat3: 77
Mat3 Desc: LOOSE
Formation Top Depth: 0
Formation End Depth: 5
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931047548
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 78
Mat2 Desc: MEDIUM-GRAINED
Mat3:
Mat3 Desc:
Formation Top Depth: 5
Formation End Depth: 174
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961521315
Method Construction Code: 5

Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10591707
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930075316
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930075317
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 174
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991521315
Pump Set At:
Static Level: 29
Final Level After Pumping: 100
Recommended Pump Depth: 150
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934651240
Test Type: Draw Down
Test Duration: 45
Test Level: 100
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934909448

Test Type: Draw Down
Test Duration: 60
Test Level: 100
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390093
Test Type: Draw Down
Test Duration: 30
Test Level: 100
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105994
Test Type: Draw Down
Test Duration: 15
Test Level: 100
Test Level UOM: ft

Water Details

Water ID: 933478822
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 169
Water Found Depth UOM: ft

Site:
lot 29 ON

Database:
WWIS

Well ID: 1528518
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 153005
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 6/12/1995
Selected Flag: Yes
Abandonment Rec:
Contractor: 3323
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: MARCH TOWNSHIP
Site Info:
Lot: 029
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050054
DP2BR: 9
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 5/30/1995
Remarks:

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

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

Overburden and Bedrock
Materials Interval

Formation ID: 931069903
Layer: 1
Color: 6
General Color: BROWN
Mat1: 01
Most Common Material: FILL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 9
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931069904
Layer: 2
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2: 15
Mat2 Desc: LIMESTONE
Mat3:
Mat3 Desc:
Formation Top Depth: 9
Formation End Depth: 140
Formation End Depth UOM: ft

Annular Space/Abandonment
Sealing Record

Plug ID: 933113428
Layer: 1
Plug From: 7
Plug To: 20
Plug Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961528518
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10598624
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930087476
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 20
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991528518
Pump Set At:
Static Level: 15
Final Level After Pumping: 135
Recommended Pump Depth: 125
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934104688
Test Type: Recovery
Test Duration: 15
Test Level: 95
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648829
Test Type: Recovery
Test Duration: 45
Test Level: 24
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388313
Test Type: Recovery
Test Duration: 30
Test Level: 56
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906012
Test Type: Recovery
Test Duration: 60
Test Level: 15
Test Level UOM: ft

Water Details

Water ID: 933488227
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 85
Water Found Depth UOM: ft

Water Details

Water ID: 933488228
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 130
Water Found Depth UOM: ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

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

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System:

Provincial [AMIS](#)

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private [ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial [AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private [AUWR](#)

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

Government Publication Date: 1999-Jun 30, 2020

Borehole:

Provincial [BORE](#)

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Environment and Climate Change Canada cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Jan 2004-Dec 2017

Commercial Fuel Oil Tanks:

Provincial CFOT

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

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

Government Publication Date: Jul 31, 2020

Chemical Manufacturers and Distributors:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

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

Government Publication Date: 1999-Jun 30, 2020

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 - Sep 2020

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

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

Government Publication Date: 1989-Dec 2019

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994-Oct 31, 2020

Drill Hole Database:

Provincial

[DRL](#)

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

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks:

Provincial

[DTNK](#)

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Jul 31, 2020

Environmental Activity and Sector Registry:

Provincial

[EASR](#)

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

Government Publication Date: Oct 2011-Nov 30, 2020

Environmental Registry:

Provincial

[EBR](#)

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

Government Publication Date: 1994-Oct 31, 2020

Environmental Compliance Approval:

Provincial

[ECA](#)

On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. In the past, a business had to apply for multiple approvals (known as certificates of approval) for individual processes and pieces of equipment. Today, a business either registers itself, or applies for a single approval, depending on the types of activities it conducts. Businesses whose activities aren't subject to the EASR may apply for an ECA. A single ECA addresses all of a business's emissions, discharges and wastes. Separate approvals for air, noise and waste are no longer required. This database will also include Renewable Energy Approvals. For certificates of approval prior to Nov 1st, 2011, please refer to the CA database. For all Waste Disposal Sites please refer to the WDS database.

Government Publication Date: Oct 2011-Nov 30, 2020

Environmental Effects Monitoring:

Federal

[EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

[EHS](#)

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

Government Publication Date: 1999-Oct 31, 2020

Environmental Issues Inventory System:

Federal

[EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:Provincial **EMHE**

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

Government Publication Date: Dec 31, 2016**Environmental Penalty Annual Report:**Provincial **EPAR**

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land 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, 2019**List of Expired Fuels Safety Facilities:**Provincial **EXP**

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

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

Government Publication Date: Jul 31, 2020**Federal Convictions:**Federal **FCON**

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

Government Publication Date: 1988-Jun 2007***Contaminated Sites on Federal Land:**Federal **FCS**

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

Government Publication Date: Jun 2000-Sep 2020**Fisheries & Oceans Fuel Tanks:**Federal **FOFT**

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

Government Publication Date: 1964-Sep 2019**Federal Identification Registry for Storage Tank Systems (FIRSTS):**Federal **FRST**

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

Government Publication Date: May 31, 2018**Fuel Storage Tank:**Provincial **FST**

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

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

Government Publication Date: Jul 31, 2020

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

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

Government Publication Date: 1986-Jul 31, 2020

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2018

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: Jul 31, 2020

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Jan 2020

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2018

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Sep 30, 2020

National Energy Board Wells:

Federal

NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

Government Publication Date: 1974-2003***National PCB Inventory:**

Federal

NPCB

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

Government Publication Date: 1988-2008***National Pollutant Release Inventory:**

Federal

NPRI

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

Government Publication Date: 1993-May 2017**Oil and Gas Wells:**

Private

OGWE

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

Government Publication Date: 1988-Aug 31, 2020**Ontario Oil and Gas Wells:**

Provincial

OOGW

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

Government Publication Date: 1800-Jun 2020**Inventory of PCB Storage Sites:**

Provincial

OPCB

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

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

Provincial

ORD

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

Government Publication Date: 1994-Oct 31, 2020**Canadian Pulp and Paper:**

Private

PAP

This information is part of the Pulp and Paper Canada Directory. The Directory provides a comprehensive listing of the locations of pulp and paper mills and the products that they produce.

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014**Parks Canada Fuel Storage Tanks:**

Federal

PCFT

Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites. The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial PES

The Ontario Ministry of the Environment and Climate Change maintains a database of licensed operators and vendors of registered pesticides.

Government Publication Date: Oct 2011-Nov 30, 2020

Pipeline Incidents:

Provincial PINC

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

Government Publication Date: Oct 31, 2020

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-Oct 31, 2020

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial RSC

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

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Sep 2020

Retail Fuel Storage Tanks:

Private RST

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Jun 30, 2020

Scott's Manufacturing Directory:

Private SCT

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Nov 2019

Wastewater Discharger Registration Database:

Provincial

[SRDS](#)

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks:

Private

[TANK](#)

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

[TCFT](#)

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

Government Publication Date: 1970-Aug 2019

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

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

Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011-Nov 30, 2020

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Apr 30, 2020

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

POSITION

Intermediate Environmental Engineer

EDUCATION

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

MEMBERSHIPS & AWARDS

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

EXPERIENCE

2018 – Present

Paterson Group Inc.

Consulting Engineers
Geotechnical and Environmental Division
Environmental Engineer

2014 – 2015

Thurber Engineering Limited

Oil Sand Tailings Group
Tailings Engineer

2009 – 2014

Carleton University

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

2008 – 2009

SLR Consulting Limited

Contaminated Sites
Junior Environmental Engineer

SELECTED LIST OF PROJECTS

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

Geotechnical
Engineering

Environmental
Engineering

Hydrogeology

Geological
Engineering

Materials Testing

Building Science

Archaeological
Services

POSITION

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

EDUCATION

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

MEMBERSHIPS

Ottawa Geotechnical Group
Professional Engineers of Ontario

EXPERIENCE

1991 to Present

Paterson Group Inc.

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

SELECT LIST OF PROJECTS

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