



Phase One Environmental Site Assessment

Part of 4200 Innes Road, Ottawa, Ontario

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Ironclad Developments Incorporated

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Phase One Environmental Site Assessment

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*Ironclad Developments Inc.
Phase One Environmental Site Assessment
Part of 4200 Innes Road, Ottawa, Ontario
OTT-22012077-A0
October 5, 2023*

Legal Notification

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Table of Contents

Legal Notification.....	1
List of Figures.....	5
List of Appendices	6
Executive Summary	7
1.0 Introduction.....	8
1.1 Objective.....	8
1.2 Phase One Property Information.....	8
2.0 Scope of Investigation	9
3.0 Records Review	10
3.1 Phase One ESA Study Area Determination.....	10
3.2 First Developed Use Determination	10
3.3 Fire Insurance Plans.....	10
3.4 Chain of Title.....	10
3.5 Environmental & Geotechnical Reports	10
3.6 Environmental Source Information	11
3.6.1 Ontario Ministry of the Environment, Conservation and Parks Records	11
3.6.2 Historical Land Use Inventory.....	11
3.6.3 Environmental Registry	11
3.6.4 Environmental Access.....	11
3.6.5 Hazardous Waste Information Network	12
3.6.6 Records of Site Condition	12
3.6.7 Coal Gasification Plants	12
3.6.8 PCB Storage Sites.....	12
3.6.9 Waste Disposal Sites.....	12
3.7 EcoLog ERIS Database Search	12
3.8 Physical Setting Sources	13
3.8.1 Aerial Photographs	13
3.8.2 Topography, Hydrology, Geology	14

3.8.3 Fill Materials 14

3.8.4 Water Bodies and Areas of Natural Significance 14

3.8.5 Well Records..... 14

3.9 Site Operating Records 15

4.0 Interviews 16

5.0 Site Reconnaissance 17

5.1 General Requirements..... 17

5.2 Specific Observations at the Phase One Property 17

5.2.1 Buildings and Structures..... 17

5.2.2 Site Utilities and Services..... 17

5.3 Storage Tanks 17

5.3.1 Underground Storage Tanks..... 17

5.3.2 Above Ground Storage Tanks 17

5.4 Chemical Storage Handling and Floor Condition 17

5.5 Areas of Stained Soil, Pavement or Stressed Vegetation 17

5.6 Fill and Debris 17

5.7 Air Emissions..... 18

5.8 Odours 18

5.9 Noise..... 18

5.10 Other Observations 18

5.11 Special Attention Items, Hazardous Building Materials and Designated Substances 18

5.12 Abandoned and Existing Wells 18

5.13 Roads, Parking Facilities and Right of Ways 18

5.14 Adjacent and Surrounding Properties 18

5.15 Enhanced Investigation Property 19

5.16 Summary and Written Description of Investigation..... 19

6.0 Review and Evaluation of Information 20

6.1 Current and Past Uses 20

6.2 Potentially Contaminating Activity 20

6.3 Areas of Potential Environmental Concern 20

6.4 Phase One Conceptual Site Model 20

6.4.1 Buildings and Structures..... 20

6.4.2 Water Bodies and Groundwater Flow Direction 20

6.4.3 Areas of Natural Significance..... 20

6.4.4 Water Wells..... 20

6.4.5 Potentially Contaminating Activity..... 20

6.4.6 Areas of Potential Environmental Concern 21

6.4.7 Underground Utilities..... 21

6.4.8 Subsurface Stratigraphy 21

6.4.9 Uncertainty Analysis..... 21

7.0 Conclusions..... 22

8.0 References 23

9.0 Limitation of Liability, Scope of Report, and Third Party Reliance 25

10.0 Signatures 26

List of Figures

Figure 1 – Site Location Plan

Figure 2 – Conceptual Site Model – Phase One Study Area

List of Appendices

- Appendix A: Qualifications of Assessors
- Appendix B: Survey Plan
- Appendix C: Figures
- Appendix D: Title Search, Municipal Records & Provincial Records
- Appendix E: EcoLog ERIS Report
- Appendix F: Aerial Photographs
- Appendix G: Site Photographs

Executive Summary

EXP Services Inc. (EXP) was retained by Ironclad Developments Inc. to complete a Phase One Environmental Site Assessment (ESA) for part of the property located at 4200 Innes Road in Ottawa, Ontario hereinafter referred to as the 'Phase One property'. At the time of the investigation, the Phase One property was vacant.

The purpose of this Phase One ESA is to determine if past or present site activities have resulted in actual or potential contamination at the Phase One property. It is understood that the report will be used for due diligence purposes in support of acquisition and future development of the Phase One property.

The most recent use of the property was agricultural. The proposed future use of the Phase One property is residential. Therefore, a Record of Site Condition (RSC) is not required, as the proposed site use will not be more sensitive than the previous land use.

The Phase One property is part of a larger parcel of property with the municipal address 4200 Innes Road, located east of Mer-Bleue Road and south of Innes Road in Ottawa, Ontario. The Phase One property is currently vacant. The Phase One property is rectangular in shape with an area of approximately 0.93 hectares. The Phase One property is part of a larger property with the legal description Part of Lot 1, Concession 11 (Geographic Township of Cumberland), City of Ottawa. The property identification number (PIN) for the site is 145633947.

Based on a review of historical aerial photographs, historical maps, and other records, it appears that the Phase One property has never been developed. The Phase One property has been used for agricultural purposes since at least 1976.

There were five records found in the Phase One study area. Four of the records were for water supply wells installed between 1965 and 1981. One of the records was for well abandonment. It is possible that some of these wells are still in use.

There are no waterbodies on the Phase One property. The nearest water body is Bilberry Creek, located approximately 575 m north of the Phase One property. The inferred groundwater flow direction is to the north towards the Ottawa River.

No potentially contaminating activities (PCAs) were identified on the Phase One property. The following PCAs were identified in the Phase One study area:

- PCA #10 – Commercial autobody shops; service garage along Mer Bleue Road (200 m west of the Phase One property)

Due to the distance from the Phase One property, and the low hydraulic conductivity of the native silty clay, none of the services garage are considered to contribute to APECs on the Phase One property.

The Qualified Person who oversaw this work, Mark McCalla, P.Geo., does not recommend that a Phase Two ESA be conducted since no APECs were identified.

Any excess fill material removed from the Phase One property will be subject to testing requirements as per Ontario Regulation 406/19.

The Qualified Person can confirm that the Phase One Environmental Site Assessment was conducted per the requirements of Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices.

This executive summary is a brief synopsis of the report and should not be read in lieu of reading the report in its entirety.

1.0 Introduction

EXP Services Inc. (EXP) was retained by Ironclad Developments Inc. to complete a Phase One Environmental Site Assessment (ESA) for part of the property located at 4200 Innes Road in Ottawa, Ontario hereinafter referred to as the 'Phase One property'. At the time of the investigation, the Phase One property was vacant.

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in accordance with the Phase One ESA standard as defined by Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices. Subject to this standard of care, EXP makes no express or implied warranties regarding its services and no third-party beneficiaries are intended. Limitation of liability, scope of report and third-party reliance are outlined in Section 9 of this report.

Please note that general environmental management and housekeeping practices were reviewed as part of this assessment insofar as they could impact the environmental condition of the property, however, a detailed review of regulatory compliance issues was beyond the scope of our investigation. This Phase One ESA does not constitute an audit of environmental management practices, indicate geotechnical conditions or identify geologic hazards.

1.1 Objective

The purpose of this Phase One ESA is to determine if past or present site activities have resulted in actual or potential contamination at the Phase One property. It is understood that the report will be used in support of a site plan application for the City of Ottawa in support of future development of the Phase One property.

The most recent use of the property was agricultural. The proposed future use of the Phase One property is residential. Therefore, a Record of Site Condition (RSC) is not required, as the proposed site use will not be more sensitive than the previous land use.

EXP personnel who conducted assessment work for this project included Leah Wells, P.Eng. and Mark McCalla, P.Geo. An outline of their qualifications is provided in Appendix A.

1.2 Phase One Property Information

The Phase One property is part of a larger parcel of property with the municipal address 4200 Innes Road, located east of Mer-Bleue Road and south of Innes Road in Ottawa, Ontario. The Phase One property is currently vacant. The Phase One property is rectangular in shape with an area of approximately 0.93 hectares.

The Phase One property is part of a larger property with the legal description Part of Lot 1, Concession 11 (Geographic Township of Cumberland), City of Ottawa. The property identification number (PIN) for the site is 145633947.

The approximate Universal Transverse Mercator (UTM) coordinates for the Phase One property are Zone 18, 461029 m E and 5033446 m N. The UTM coordinates are based on measurements from Google Earth Pro, published by the Google Limited Liability Company (LLC). The accuracy of the centroid is estimated to be less than 10 m.

Authorization to proceed with this investigation was provided by Mr. Michal Kubasiewicz on behalf of Ironclad Developments Inc. Contact information for Mr. Kubasiewicz is 57158 Symington Rd, Unit 101, Springfield, Manitoba R2J 4L6.

The Phase One property site location and site layout are shown on Figure 1 in Appendix C.

2.0 Scope of Investigation

The scope of work for the Phase One ESA consisted of the following activities:

- Reviewing the historical occupancy of the Phase One property through the use of available archived and relevant municipal and business directories, fire insurance plans (FIPs), topographical maps, and aerial photographs;
- Reviewing municipal and provincial records to determine whether activities that have occurred within the Phase One study area pose a potential environmental concern to the Phase One property;
- Obtaining an EcoLog Environmental Risk Information Services Ltd. (ERIS) report for the Phase One property and surrounding properties within a 250-metre radius of the Phase One property;
- Reviewing available geological maps, well records and utility maps for the vicinity of the Phase One property;
- Obtaining a search of land title and assessment rolls for the Phase One property;
- Conducting at least one reconnaissance of the Phase One property and surrounding properties within a 250-metre radius of the Phase One property in order to identify the presence of actual and/or potential environmental contaminants or concerns of significance;
- Conducting interviews with designated representative(s) as a resource for current and historical information;
- Reviewing the current use of the Phase One property and any land use practices that may have impacted its environmental condition;
- Reviewing the current use of the surrounding properties and any land use practices that may have impacted the environmental condition of the Phase One property; and,
- Preparing a report to document the findings.

In completing the scope of work, EXP did not conduct any intrusive investigations, including sampling, analyses, or monitoring. EXP has confirmed neither the completeness nor the accuracy of any of the records that were obtained or of any of the statements made by others.

3.0 Records Review

3.1 Phase One ESA Study Area Determination

The Phase One study area comprises the Phase One property and surrounding properties wholly or partly within 250 metres of the property boundaries. The 250-metre radius was used to gain an understanding of the current and past uses of surrounding properties to determine whether such uses may have contributed to subsurface environmental impacts at the Phase One property.

According to the City of Ottawa GeoOttawa on-line mapping tool, the Phase One property is zoned for AM – Arterial Main Street. Properties to the north and west are also zoned AM. Properties to the east and south are zoned for general industrial use.

The Phase One study area is shown on Figure 2 in Appendix C.

3.2 First Developed Use Determination

Based on a review of historical aerial photographs, historical maps, and other records, it appears that the Phase One property has never been developed. The Phase One property has been used for agricultural purposes since at least 1976.

3.3 Fire Insurance Plans

A search of The Catalogue of Canadian Fire Insurance Plans 1875 – 1975 (Catalogue) was conducted. No Fire Insurance Plans (FIPs) were available for the Phase One study area.

3.4 Chain of Title

A chain of title was requested from Read Abstracts Limited for the Phase One property. The chain of title shows that the property was owned by private individuals from 1838 until 2006 when it was sold to Innes Shopping Centres Limited. As the Phase One property has never been developed, there are no environmental concerns with the property. The chain of title is presented in Appendix D.

3.5 Environmental & Geotechnical Reports

The following reports pertaining to the Phase One property were available for review:

1. Paterson Group Inc., *Phase One Environmental Site Assessment, 4200 Innes Road, Ottawa, Ontario*, March 2018.

The Phase One ESA assessed the entire property located at 4200 Innes Road, which includes the Phase One property. At the time of the investigation the property was undeveloped and consisted of agricultural fields. Fill piles were identified on the west part of the property, which appear to have been generated from residential construction on an adjacent property. A former automotive service garage was present at 2025 Mer-Bleue Road and was identified as a potentially contaminating activity (PCA). Due to the separation distance with respect to the property (200 m), the former service garage was not considered to result in an area of potential environmental concern (APEC). No environmental concerns were identified, and no additional environmental investigation was recommended.

2. Paterson Group Inc., *Phase I Environmental Site Assessment Update – Vacant Property, 4200 Innes Road, Ottawa, Ontario*, December 2021.

The Phase I ESA was completed as an update to the 2018 report. No so significant changes to the property had occurred since 2018. No environmental concerns were identified, and no additional environmental investigation was recommended.

The Phase One property and surrounding properties consisted of agricultural or undeveloped land. No potentially contaminating activities (PCA) were identified in the Phase One study area, and no additional environmental investigation was recommended.

3.6 Environmental Source Information

Information pertaining to the Phase One property was obtained by reviewing documents that are available to the public through municipal and provincial sources. EXP did not identify the need to contact any federal agencies.

Written responses from regulatory agencies and copies of documents obtained via searches are provided in Appendix D.

3.6.1 Ontario Ministry of the Environment, Conservation and Parks Records

Records pertaining to the site were requested from the Ministry of the Environment, Conservation and Parks (MECP) through the *Freedom of Information and Protection of Privacy Act* (FOI).

No records pertaining to the Phase One property were found. The MECP response is included in Appendix C.

3.6.2 Historical Land Use Inventory

Records pertaining to the Phase One property and study area were requested from the City of Ottawa Hazardous Land Use Inventory (HLUI) database. The following properties of interest were noted:

- A dry cleaner was present in the Superstore building at 4270 Innes Road in 2006 to 2012. This is located 100 m north of the Phase One property. This dry cleaners was not listed as a generator of waste chemicals and therefore is not a potentially contaminating activity (PCA).
- A service garage and gasoline retail outlet was present at 2040 Lanthier Drive 250 m northeast of the Phase One property from 1996 to the present. (**PCA1**).
- Car dealerships (Mer Bleue Automall 2035, 2045, and 2055 Mer Bleue Road) were present approximately 135 m west of the Phase One property from 2017 to present. (**PCA2**)

Due to the distance and cross gradient location from the Phase One property, and the low hydraulic conductivity of the native silty clay, none of the service garages are considered to contribute to APECs on the Phase One property. A copy of the response is provided in Appendix D.

3.6.3 Environmental Registry

On May 15, 2022, the MECP Environmental Registry website was searched for postings in the vicinity of the Phase One property. No records were identified in the Phase One study area.

3.6.4 Environmental Access

On May 15, 2022, the MECP Environmental Access website was searched for postings within the Phase One study area. The following records were found:

- Two Environmental Compliance Approvals (ECA) were issued for stormwater management systems associated with the Mer Bleue Automall (2035, 2045, and 2055 Mer Bleue Road) in the Phase One study area.

None of the records represent an environmental concern to the Phase One property.

3.6.5 Hazardous Waste Information Network

On May 15, 2022, the Resource Productivity and recovery Authority (RPPRA) Hazardous Waste Program (HWP) Registry website was searched for registered waste generators within the Phase I study area. The following records were found:

Location (Generator)	Proximity to the Site	Wastes Generated	Years	Environmental Concern to Site and Rationale
Value Village 4220 Innes Road (ON7508689)	150 m northeast	Waste compressed gases, pathological wastes, non-halogenated pesticides, organic laboratory chemicals, detergents/soaps, pharmaceuticals, waste oils and lubricants, halogenated pesticides, aliphatic solvents, paint/pigment/coating residues, alkaline wastes, acid wastes	2014 to present	No, it is not anticipated that significant quantities of wastes are generated by retail operations.
Michaels 4220 Innes Road (ON4625819)	150 m northeast	Waste compressed gases, organic laboratory chemicals, detergents/soaps, pharmaceuticals, aliphatic solvents, paint/pigment/coating residues, alkaline wastes	2014 to present	No, it is not anticipated that significant quantities of wastes are generated by retail operations.

None of the records reviewed pose an environmental concern to the Phase One property.

3.6.6 Records of Site Condition

On May 12, 2022, the MECP Brownfields Registry website was searched for postings of Records of Site Condition (RSC) within the Phase One study area. No records were found.

3.6.7 Coal Gasification Plants

Documents entitled *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario* prepared by the MECP and *Inventory of Coal Gasification Plant Waste Sites in Ontario* prepared by Intera Technologies Ltd. were reviewed. There were no coal gasification plants identified within the Phase One study area.

3.6.8 PCB Storage Sites

Documents entitled *National Inventory of PCBs in Use and PCB Wastes in Storage in Canada, 2003 Annual Report* prepared by Environment Canada and *Ontario Inventory of PCB Storage Sites* prepared by the MECP were reviewed. No records pertaining to PCB storage sites were identified within the Phase One study area.

3.6.9 Waste Disposal Sites

Documents entitled *Old Landfill Management Strategy, Phase 1, Identification of Sites, City of Ottawa, Ontario* prepared by Golder Associates Ltd. and *Waste Disposal Site Inventory* prepared by the MECP were reviewed. No former landfills or waste disposal sites were identified within the Phase One study area.

3.7 EcoLog ERIS Database Search

A search of provincial and federal databases for records pertaining to the Site and properties within the Phase I study area was conducted by EcoLog ERIS. EXP has confirmed neither the completeness nor the accuracy of the records that were

provided. A summary of the more significant findings is provided below. A copy of the EcoLog ERIS report is provided in Appendix E.

Location	Proximity to the Site	Description	Database	Environmental Concern to Site (Yes/No) & Rationale
2127 Mer Bleue Road	South adjacent	On April 13, 2022, approximately 10 L of spilled transformer oil was reported by Hydro One.	Ontario Spills (SPL)	No, due to the small quantity of contaminant spilled.
2035 Mer Bleue Road	150 m west	On February 26, 2019, approximately 400 L of oily water was reported spilled to the parking lot from a tanker truck.	SPL	No, the property is located over 150 m from the Phase One property and it is assumed that the spill would be intercepted by the catch basins on the property.
4220 Innes Road	150 m northeast	Value Village, registered waste generator of laboratory chemicals, pharmaceuticals, waste compressed gases, pathological wastes, acid wastes, detergents/soaps, wastes oils and lubricants, halogenated pesticides, paint/pigment/coating residues, aliphatic solvents, and alkaline wastes from 2014 to present (ON7508689). Michaels, registered waste generator of waste compressed gases, laboratory chemicals, alkaline wastes, inorganics, pharmaceuticals, paint/pigment/coating residues, detergents/soaps, and aliphatic solvents from 2014 to 2021 (ON4625819).	Ontario Regulation 347 Waster Generators Summary (GEN)	No, it is not anticipated that significant quantities of wastes are generated by retail operations.

In addition to the databases outlined above the following entries from the EcoLog ERIS report were reviewed and summarized below:

- The Certificates of Approval database and the Environmental Compliance Approval database identified three records for the Phase One study area. All of the records were for municipal water and sewage works. None of the records reviewed were considered an environmental concern to the Phase One property.
- There were five records found in the Water Well Information System (WWIS) database for the Phase One study area. Four of the records were for water supply wells installed between 1965 and 1981. One of the records was for well abandonment.

Based on the review of the ERIS report, no PCAs resulting in APECs were identified.

3.8 Physical Setting Sources

3.8.1 Aerial Photographs

Aerial photographs dated 1976, 1991, 1999, 2005, 2011, 2014, and 2019 were available for review on the City of Ottawa website. Aerial photographs dated prior to 1976 were not available for review. The following table summarizes the development and land use history of the Phase One property and adjacent properties as depicted on the reviewed aerial photographs. Copies of the aerial photographs are provided in Appendix F.

Year	Details
1976	The Phase One property and study area consist of agricultural land. Innes Road and Mer-Bleue Road are present in their current configuration. A farmhouse and barn are present to the northwest of the site. Several residences are present along Mer-Bleue Road and Innes Road.
1991	The Phase One property and study area appear similarly developed to the 1976 aerial photograph.
1999	The Phase One property and study area appear similarly developed to the 1991 aerial photograph.
2005	Construction has begun on a commercial development to the north of the Site along Innes Road. The Phase One property and remainder of the Phase One study area appear similar to the 1999 aerial photograph.
2011	The Phase One property and study area appear similarly developed to the 2005 aerial photograph.
2014	Construction has begun on a future car dealership to the west of the Site along Mer-Bleue Road. The Phase One property and the remainder of the Phase One study appear similar to the 2011 aerial photograph.
2019	The Phase One property and study area appear similarly developed to the 2014 aerial photograph.

Based on the review of the aerial photographs, no PCAs resulting in APECs were identified in the Phase One study area.

3.8.2 Topography, Hydrology, Geology

Bedrock and surficial geology were reviewed via the Google Earth applications published by the Ontario Ministry of Energy, Northern Development and Mines. The bedrock geology application is available via www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/bedrock-geology and was last modified on March 19, 2018. The surficial geology application is available via www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/surficial-geology and was last modified on May 23, 2017.

Based on these applications, bedrock in the general area of the Phase One property consists of interbedded dolostone and limestone of the Gull River Formation. Bedrock is anticipated approximately 4 to 6 metres below ground surface. Native surficial soil consists of Champlain Sea clay to fine textured glaciomarine deposits. The ground surface is approximately 90 metres above sea level (masl).

3.8.3 Fill Materials

Based on the topography of the Phase One property, it is not anticipated that fill material is present on the site. The upper soil layers likely consist of reworked native material from agricultural operations.

Any excess fill material (including native soil) removed from the Phase One property as part of the site development will be subject to testing requirements as per Ontario Regulation 406/19.

3.8.4 Water Bodies and Areas of Natural Significance

There are no waterbodies on the Phase One property. The nearest water body is Bilberry Creek, located approximately 575 m north of the Phase One property. The inferred groundwater flow direction is to the north towards the Ottawa River.

There are no Area of Natural Significance (ANSI) within the Phase One study area, according to the Ministry of Natural Resources and Forestry Natural Heritage website (www.gisapplication.lrc.gov.on.ca/mamnh/Index.html).

3.8.5 Well Records

The Ontario well records website (<https://www.ontario.ca/page/map-well-records>) was accessed. There were five records found in the Phase One study area. Four of the records were for water supply wells installed between 1965 and 1981. One of the records was for well abandonment. It is possible that some of these wells are still in use.

There are no oil, gas, or salt wells within the Phase One study area, according to the Oil, Gas & Salt Resources Library (maps.ogsrlibrary.com/wells/).

3.9 Site Operating Records

No site operating records were available for review.

4.0 Interviews

Interviews were conducted by EXP with the individuals identified to be the most knowledgeable about both the current and historical Phase One property uses. The purpose of interviews is to obtain information to assist in identifying areas of potential environmental concern and identify details of potentially contaminating activities or potential contaminant pathways, in, on or below the Phase One property.

Mr. Mauro Pambianchi, Chief Development Officer of SmartCentres REIT was interviewed via email on June 1, 2022. The Phase One property was purchased by Innes Shopping Centres Ltd. (a subsidiary of SmartCentres REIT) in 2006. As far as he was aware, the site has always either been used for agricultural purposes or vacant.

Mr. Pambianchi was unaware of any environmental issues pertaining to the Phase One property.

Responses to other questions were made during site reconnaissance and are discussed in section 5.0.

5.0 Site Reconnaissance

5.1 General Requirements

On May 26, 2022, Ms. Leah Wells, of EXP conducted the site visit. The site visit was conducted in accordance with EXP's internal health and safety protocols and with the Ministry of Labour health and safety regulations. The purpose of the site visit was to assess the current conditions of the Phase One property.

The general environmental management and housekeeping practices at the Phase One property were reviewed as part of this assessment insofar as they could impact the environmental condition of the property; however, a detailed review of regulatory compliance issues was beyond the scope of EXP's investigation.

Adjacent properties were observed from within the grounds of the Phase One property, as well as publicly accessible areas. Photographs documenting the site visit are included in Appendix G.

5.2 Specific Observations at the Phase One Property

The Phase One property is located in the centre of a larger parcel of land with the municipal address 4200 Innes Road. The Phase One property, and 4200 Innes Road, consist of agricultural land.

5.2.1 Buildings and Structures

No buildings or structures were present on the Phase One property.

5.2.2 Site Utilities and Services

The Phase One property is not currently serviced. Surrounding properties are connected to municipal services.

5.3 Storage Tanks

5.3.1 Underground Storage Tanks

No underground storage tanks (USTs) were observed on the Phase One property and there was no evidence of historical UST.

5.3.2 Above Ground Storage Tanks

No above ground storage tanks (ASTs) were observed on the Phase One property.

5.4 Chemical Storage Handling and Floor Condition

No chemicals are stored at the Phase One property.

5.5 Areas of Stained Soil, Pavement or Stressed Vegetation

No areas of significant staining of soil were observed on the Phase One property at the time of EXP's site visit. The vegetation on the Phase One property did not appear to be stressed.

5.6 Fill and Debris

Based on topography, it is unlikely that any significant quantities of fill material are present on the Phase One property. No fill or debris piles were observed on the property.

5.7 Air Emissions

Regulatory control of air emissions in Ontario is the responsibility of the MECP. According to the Environmental Protection Act (EPA), an ECA (Air) is required for the ongoing operation of any equipment that may discharge a contaminant into the natural environment if the equipment was installed, modified or altered after June 29, 1988.

The Phase One property is undeveloped. No air emissions were identified at the time of the site visit.

5.8 Odours

No strong odours were present during the site visit.

5.9 Noise

No excessive noise was heard during the site visit.

5.10 Other Observations

There were no pits and lagoons, no railways or spurs and no unidentified substances observed on the Phase One property.

5.11 Special Attention Items, Hazardous Building Materials and Designated Substances

The Phase One property has never been developed with any buildings. There was no evidence of any special attention items, hazardous building materials or designated substances (asbestos, ozone depleting substances, lead, mercury, polychlorinated biphenyls (PCB), urea formaldehyde foam insulation, mould, or other special attention substances).

5.12 Abandoned and Existing Wells

There is no evidence that there are any water wells on the Phase One property.

5.13 Roads, Parking Facilities and Right of Ways

There is no vehicular access to the Phase One property.

5.14 Adjacent and Surrounding Properties

A visual inspection of the adjacent properties and properties within 250 m of the Phase One property was conducted from publicly accessible areas to identify the occupants and document the uses and sources of potential environmental concerns that may impact the Phase One property. Refer to Figure 2 in Appendix C for the adjacent land uses.

The following land uses border the Phase One property:

- North: Agricultural followed by commercial (retail);
- West: Agricultural followed by commercial (car dealerships);
- East: Agricultural; and
- South: Agricultural.

Several car dealerships, including service garages are present to the west along Mer-Bleue Road, over 200 m from the Phase One property. Due to the distance from the Phase One property, none of the service garages are considered to contribute to APECs on the Phase One property.

5.15 Enhanced Investigation Property

Ontario Regulation 153/04 defines an enhanced investigation property as a “property that is used, or has ever been used, in whole or in part for an industrial use or any of the following commercial uses: a garage; a bulk liquid dispensing facility, including a gasoline outlet; or, for the operation of dry-cleaning equipment.”

Therefore, in accordance with Regulation 153/04, the property is not considered to be an enhanced investigation property.

5.16 Summary and Written Description of Investigation

Based on the site visit, no PCAs resulting in APECs were identified.

6.0 Review and Evaluation of Information

6.1 Current and Past Uses

Based on a review of historical aerial photographs, historical maps, and other records, it appears that the Phase One property has never been developed.

6.2 Potentially Contaminating Activity

Ontario Regulation (O. Reg.) 153/04 defines a Potential Contaminating Activity (PCA) as one of fifty-nine (59) industrial operations set out in Table 2 of Schedule D that occurs or has occurred in the Phase One study area.

No PCAs were identified on the Phase One property. The following PCAs were identified in the Phase One study area:

- PCA #10 – Commercial autobody shops; service garage along Mer Bleue Road (200 m west of the Phase One property)

Due to the distance from the Phase One property, and the low hydraulic conductivity of the native silty clay, none of the service garages are considered to contribute to APECs on the Phase One property.

6.3 Areas of Potential Environmental Concern

Ontario Regulation 153/04 defines an APEC as an area on a property where one or more contaminants are potentially present. Based on this Phase One ESA, no APECs were identified.

6.4 Phase One Conceptual Site Model

To develop a conceptual model for the Phase One property, the following physical characteristics and pathways were considered. A conceptual site model (CSM) showing the topography of the site, inferred groundwater flow, general site features, APEC, and PCA is shown in Figure 2.

6.4.1 Buildings and Structures

No buildings were present on the Phase One property.

6.4.2 Water Bodies and Groundwater Flow Direction

There are no waterbodies on the Phase One property. The nearest water body is Bilberry Creek, located approximately 575 m north of the Phase One property. The inferred groundwater flow direction is to the north towards the Ottawa River.

6.4.3 Areas of Natural Significance

There are no ANSI within the Phase One study area.

6.4.4 Water Wells

There were five records found in the Phase One study area. Four of the records were for water supply wells installed between 1965 and 1981. One of the records was for well abandonment. It is possible that some of these wells are still in use.

6.4.5 Potentially Contaminating Activity

No PCAs were identified on the Phase One property. The following PCAs were identified in the Phase One study area:

- PCA #10 – Commercial autobody shop) service garage and gasoline retail outlet was present at 2040 Lanthier Drive 250 m northeast of the Phase One property from 1996 to the present. **(PCA1)**.
- PCA #10 – Commercial autobody shops; car dealerships (Mer Bleue Automall 2035, 2045, and 2055 Mer Bleue Road) were present approximately 135 m west of the Phase One property from 2017 to present. **(PCA2)**

Due to the distance and cross gradient location from the Phase One property, and the low hydraulic conductivity of the native silty clay, none of the service garages are considered to contribute to APECs on the Phase One property.

6.4.6 Areas of Potential Environmental Concern

No APEC were identified on the Phase One property.

6.4.7 Underground Utilities

The Phase One property is not currently serviced. Future development will be connected to municipal services.

6.4.8 Subsurface Stratigraphy

Bedrock in the general area of the Phase One property consists of interbedded dolostone and limestone of the Gull River Formation. Bedrock is anticipated approximately 4 to 6 metres below ground surface. Native surficial soil consists of Champlain Sea clay to fine textured glaciomarine deposits. The ground surface is approximately 90 metres above sea level (masl).

6.4.9 Uncertainty Analysis

The CSM is a simplification of reality, which aims to provide a description and assessment of any areas where potentially contaminating activity that occurred within the Phase One study area may have adversely affected the Phase One property. All information collected during this investigation, including records, interviews, and site reconnaissance, has contributed to the formulation of the CSM.

Information was assessed for consistency, however EXP has confirmed neither the completeness nor the accuracy of any of the records that were obtained or of any of the statements made by others. All reasonable inquiries to obtain accessible information were made, as required by Schedule D, Table 1, Mandatory Requirements for Phase One Environmental Site Assessment Reports. The CSM reflects our best interpretation of the information that was available during this investigation.

7.0 Conclusions

The Qualified Person who oversaw this work, Mark McCalla, P.Geo., does not recommend that a Phase Two ESA be conducted since no APECs were identified.

Any excess fill material removed from the Phase One property will be subject to testing requirements as per Ontario Regulation 406/19.

The Qualified Person can confirm that the Phase One Environmental Site Assessment was conducted per the requirements of Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices.

8.0 References

- City of Ottawa, GeoOttawa online mapping tool, (maps.ottawa.ca/geottawa).
- Dubreuil, L. and C. Woods, *Catalogue of Canadian Fire Insurance Plans, 1875 – 1975*, 2002.
- Environment Canada, *National Inventory of PCBs in Use and PCB Wastes in Storage in Canada*, 2003 Annual Report, 2004.
- Golder Associates Ltd., *Old Landfill Management Strategy, Phase 1, Identification of Sites, City of Ottawa, Ontario*, October 2004.
- Intera Technologies Ltd., *Inventory of Coal Gasification Plant Waste Sites in Ontario, Volume II*, April 1987.
- Natural Resources Canada, The Atlas of Canada – Toporama website (atlas.gc.ca/toporama/en/)
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- Ontario Ministry of Energy, Northern Development and Mines, Bedrock Geology Application (www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearch/bedrock-geology), March 19, 2018.
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- Ontario Ministry of the Environment, Conservation and Parks, *Guide for Completing Phase One Environmental Site Assessments under Ontario Regulation 153/04*, June 2011.
- Ontario Ministry of the Environment, Conservation and Parks *Hazardous Waste Information Network website* (www.hwin.ca).
- Ontario Ministry of the Environment, Conservation and Parks, *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*, November 1988.
- Ontario Ministry of the Environment, Conservation and Parks, *Ontario Inventory of PCB Storage Sites*, October 1995.
- Ontario Ministry of the Environment, Conservation and Parks, *Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act*, July 1, 2011.
- Ontario Ministry of the Environment, Conservation and Parks, Records of Site Condition website (www.lrcsde.lrc.gov.on.ca).
- Ontario Ministry of the Environment, Conservation and Parks, *Waste Disposal Site Inventory*, June 1991.
- Ontario Ministry of the Environment, Conservation and Parks, Water Wells website (www.ontario.ca/environment-and-energy/map-well-records water wells).
- Ontario Ministry of Labour, *Occupational Health and Safety Act*, R.S.O. 1990.
- Ontario Ministry of Natural Resources and Forestry, Natural Heritage website (www.gisapplication.lrc.gov.on.ca/mamnh/Index.html).
- Paterson Group Inc., *Phase One Environmental Site Assessment, 4200 Innes Road, Ottawa, Ontario*, March 2018.

*Ironclad Developments Inc.
Phase One Environmental Site Assessment
Part of 4200 Innes Road, Ottawa, Ontario
OTT-22012077-A0
October 5, 2023*

- Paterson Group Inc., *Phase I Environmental Site Assessment Update – Vacant Property, 4200 Innes Road, Ottawa, Ontario, December 2021.*

9.0 Limitation of Liability, Scope of Report, and Third Party Reliance

Basis of Report

This report ("Report") is based on site conditions known or inferred by the investigation undertaken as of the date of the Report. Should changes occur which potentially impact the condition of the site the recommendations of EXP may require re-evaluation. Where special concerns exist, or Ironclad Developments Inc. ("the Client") has special considerations or requirements, these should be disclosed to EXP to allow for additional or special investigations to be undertaken not otherwise within the scope of investigation conducted for the purpose of the Report.

Reliance on Information Provided

The evaluation and conclusions contained in the Report are based on conditions in evidence at the time of site inspections and information provided to EXP by the Client and others. The Report has been prepared for the specific site, development, building, design or building assessment objectives and purpose as communicated by the Client. EXP has relied in good faith upon such representations, information and instructions and accepts no responsibility for any deficiency, misstatement or inaccuracy contained in the Report as a result of any misstatements, omissions, misrepresentation or fraudulent acts of persons providing information. Unless specifically stated otherwise, the applicability and reliability of the findings, recommendations, suggestions or opinions expressed in the Report are only valid to the extent that there has been no material alteration to or variation from any of the information provided to exp. If new information about the environmental conditions at the Site is found, the information should be provided to EXP so that it can be reviewed and revisions to the conclusions and/or recommendations can be made, if warranted.

Standard of Care

The Report has been prepared in a manner consistent with the degree of care and skill exercised by engineering consultants currently practicing under similar circumstances and locale. No other warranty, expressed or implied, is made. Unless specifically stated otherwise, the Report does not contain environmental consulting advice.

Complete Report

All documents, records, data and files, whether electronic or otherwise, generated as part of this assignment form part of the Report. This material includes, but is not limited to, the terms of reference given to EXP by the Client, communications between EXP and the Client, other reports, proposals or documents prepared by EXP for the Client in connection with the site described in the Report. In order to properly understand the suggestions, recommendations and opinions expressed in the Report, reference must be made to the Report in its entirety. EXP is not responsible for use by any party of portions of the Report.

Use of Report

The information and opinions expressed in the Report, or any document forming part of the Report, are for the sole benefit of the Client. No other party may use or rely upon the Report in whole or in part without the written consent of EXP. Any use of the Report, or any portion of the Report, by a third party are the sole responsibility of such third party. EXP is not responsible for damages suffered by any third party resulting from unauthorised use of the Report.

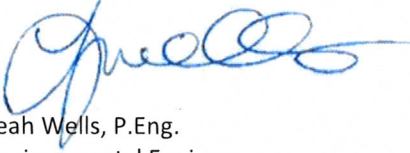
Report Format

Where EXP has submitted both electronic file and a hard copy of the Report, or any document forming part of the Report, only the signed and sealed hard copy shall be the original documents for record and working purposes. In the event of a dispute or discrepancy, the hard copy shall govern. Electronic files transmitted by EXP utilize specific software and hardware systems. EXP makes no representation about the compatibility of these files with the Client's current or future software and hardware systems. Regardless of format, the documents described herein are EXP's instruments of professional service and shall not be altered without the written consent of EXP.

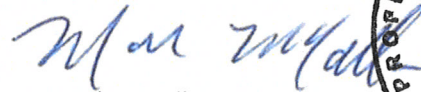
*Ironclad Developments Inc.
Phase One Environmental Site Assessment
Part of 4200 Innes Road, Ottawa, Ontario
OTT-22012077-A0
October 5, 2023*

10.0 Signatures

We trust this report meets your current needs. If you have any questions pertaining to the investigation undertaken by EXP, please do not hesitate to contact the undersigned. The Qualified Person can confirm that the Phase One Environmental Site Assessment was conducted per the requirements of Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices.



Leah Wells, P.Eng.
Environmental Engineer
Earth and Environment



Mark McCalla, P.Geo.
Senior Geoscientist
Earth and Environment



Appendix A: Qualifications of Assessors

Qualifications of Assessors

EXP provides a full range of environmental services through a full-time Environmental Services Group. EXP's Earth and Environment Group has developed a strong working relationship with clients in both the private and public sectors and has developed a positive relationship with Ontario Ministry of the Environment, Conservation and Parks. Personnel in the numerous branch offices form part of a large network of full-time dedicated environmental professionals in the EXP organization.

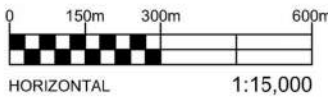
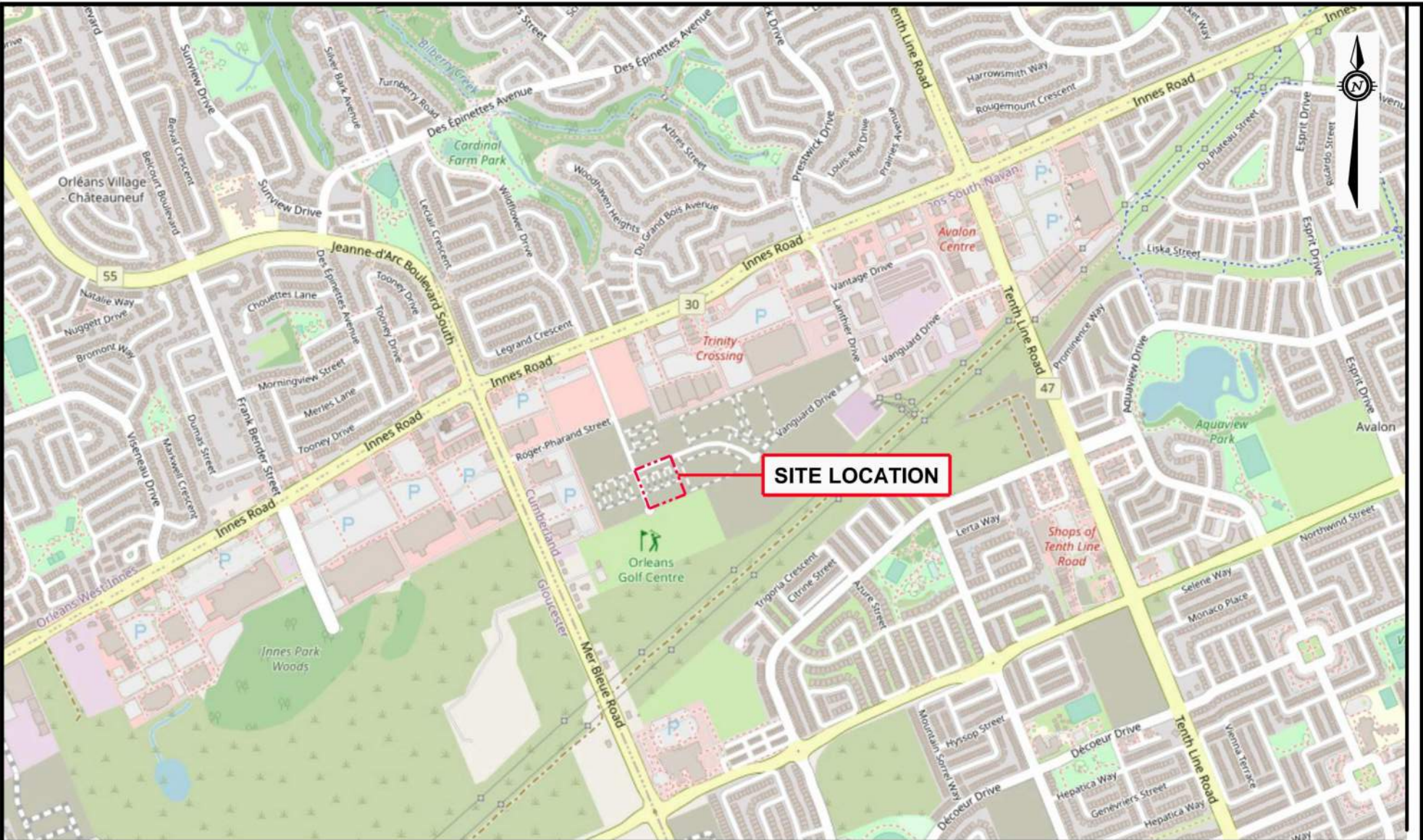
Leah Wells, P.Eng., has six years of experience in the environmental consulting field. She has worked on numerous Phase I Environmental Site Assessments (ESA); Phase II ESAs, completing soil and groundwater sampling, soil vapour sampling, assisting in report preparation and data entry and analysis.

Mark McCalla, P.Geo., is a senior Environmental Scientist with EXP who has over 30 years of experience in the environmental consulting field. His technical undertakings have including work in the following fields: Phase I and II Environmental Site Assessments; Site Specific Risk Assessments; Petroleum and chlorinated hydrocarbon contaminated sites; Soil and groundwater remediation technologies; Hydrogeological, Terrain Analysis and Aggregate Assessments; Preparation of Ontario Ministry of Environment Certificate of Approvals and Records of Site Condition. Mr. McCalla is a Qualified Person for completing Phase I and II Environmental Site Assessments as per O.Reg. 153/04.

Appendix B: Survey

Appendix C: Figures

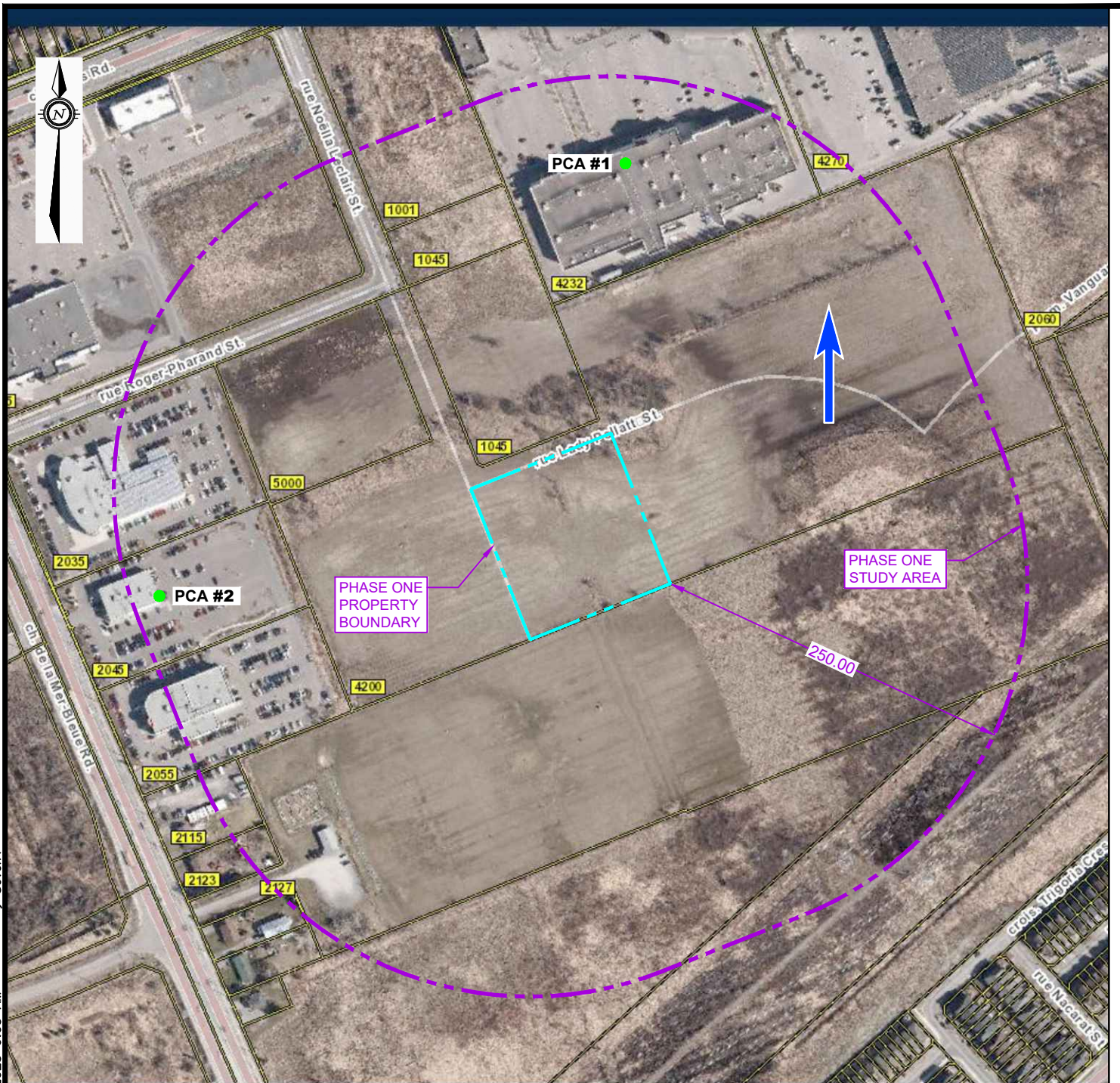
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 Last Saved: Jun 28, 2023 10:46 AM Last Plotted: Jun 28, 2023 10:46 AM Plotted by: Severa






EXP Services Inc. www.exp.com
 t: +1.613.688.1899 | f: +1.613.225.7337
 2650 Queensview Drive, Suite 100
 Ottawa, ON K2B 8H6, Canada

DATE JUNE 2023		PHASE ONE ENVIRONMENTAL SITE ASSESSMENT PART OF 4200 INNES ROAD, OTTAWA, ONTARIO	project no. OTT-22012077-B0
DESIGN LW	CHECKED MM		scale 1:15,000
DRAWN BY AS			SITE LOCATION PLAN

Filename: E:\OTT-22012077-B0_Execution\65 Drawings\OTT-22012077-B0_Ph-1.dwg
 Last Saved: Oct 5, 2023 9:04 AM Last Plotted: Oct 5, 2023 9:05 AM Plotted By: Severin

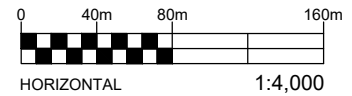


LEGEND

-  PROPERTY BOUNDARY
-  PHASE ONE STUDY AREA (250m)
-  INFERRED GROUNDWATER FLOW DIRECTION

4	●
1	●

- POTENTIALLY CONTAMINATING ACTIVITY (PCA) RESULTING IN APECS
- POTENTIALLY CONTAMINATING ACTIVITY (PCA) NOT RESULTING IN APECS



EXP Services Inc. www.exp.com
 t: +1.613.688.1899 | f: +1.613.225.7337
 2650 Queensview Drive, Suite 100
 Ottawa, ON K2B 8H6, Canada

DATE	OCTOBER 2023	project no.	OTT-22012077-B0
DESIGN	CHECKED	scale	1:4,000
LW	MM	PHASE ONE STUDY AREA	
DRAWN BY	AS	FIG 2	

Appendix D: Title Search, Municipal Records & Provincial Records



READ Abstracts Limited

331 Cooper Street, Suite 300, Ottawa, Ontario K2P 0A4

Email: search@readsearch.com

Tel.: 613-236-0664

Fax: 613-236-3677

ENVIRONMENTAL SEARCH

EXP Services

BRIEF DESCRIPTION OF LAND:

4200 Inness Rd., Ottawa

PART LOT 1, CONCESSION 11, CUMBERLAND, PARTS 4 AND 5, PLAN 4R-34739

PIN: 14563-3947

LAST REGISTERED OWNER: Innes Shopping Centres Limited

CHAIN OF TITLE:

Patent registered February 26, 1838

From Crown to Joseph Labelle

Will 6158 registered October 21, 1859

From Joseph Labelle to Antoine Labelle

Patent 10872 registered August 14, 1857

From Crown to Pierre Boyer

Deed 10873 registered August 14, 1857

From Pierre Boyer to Joseph Lapointe

Deed ????? registered July 19, 1870

From Estate of Joseph Lapointe to Joseph Lapointe

Tax Deed 1238 registered March 19, 1877

From The Corporation of the Twp of Prescott & Russell to Eli Racette

Deed 2085 registered May 18, 1881

From Pierre Boyer to Joseph Filion

Deed 2086 registered May 18, 1881
From Joseph Filion to Eli Racette

Deed 2283 registered June 16, 1882
From Eli Racette to Francis Racette

Deed 2937 registered February 7, 1885
From Francis Racette to Joseph Lapointe

Deed 3110 registered November 24, 1885
From Joseph Lapointe to Louis Lalonde

Deed 4810 registered November 14, 1892
From Joseph Lapointe to Alphonse Chame

Deed 4812 registered November 14, 1892
From Alphonse Chame to Jason B. Lalonde

Quit Claim Deed 5005 registered November 6, 1893
From Estate of Genevieve Labelle (estate of Antoine Labelle) to Jason B. Lalonde

Deed 5968 registered April 13, 1898
From Jason B. Lalonde to Joseph Lalonde

Deed 12426 registered October 3, 1917
From Joseph Lalonde to Albert Montpetit

Deed 13386 registered September 11, 1923
From Albert Montpetit to Alexandre Hamel

Deed 14789 registered September 29, 1923
From Alexandre Hamel to Maxine Clairoux

Deed ????? registered October 8, 1925
From Estate of Louis Lalonde to Octave Lacroix

Deed 18492 registered April 7, 1948
From Maxime Clairoux to Roger Pharand

Deed 20416 registered December 27, 1955
From Estate of Octave Lacroix to Roger Pharand

Deed 118390 registered November 21, 1988
From The Estate of Roger Pharand to Noella Pharand

Deed OC51298 registered March 12, 2002

From Noella Pharand to Noella Pharand, Lise Pharand, Denis Pharand, Gaetan Pharand

Deed OC622237 registered July 31, 2006

From Denis Pharand, Lise Pharand, Noella Pharand, Gaetan Pharand to Innes Shopping
Centres Limited

18 July 2023

Leah Wells
Exp Services

Sent via email Leah.Wells@exp.com

Dear Ms. Wells,

**Re: Information Request
4200 Innes Road Ottawa, Ontario (“Subject Property”)**

Internal Department Circulation:

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

- **Environmental Remediation Unit:** No environmental records for this property.
- **Ottawa Public Health - Environmental Health:** all public inspection results are publicly available on the Ottawa Public Health website:
<https://www.ottawapublichealth.ca/en/public-health-services/public-health-inspections.aspx>
- **Sewer Use Program:** No records found for this property.
- **Solid Waste Services:** No records found for this property.

Documents Provided:

HLUI Summary Report and HLUI Map

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

For more information on how to interpret the HLUI data identified in the attached excel sheet ('ADDRESS – HLUI Summary report.xlsx'), please refer to the [Overview and User Guide.](#)

Additional information may be obtained by contacting:

Ontario's Environmental Registry

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

The Ontario Land Registry Office

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

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

Ottawa Public Health

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

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

Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal addresses over time may introduce error. Accordingly, all information from the HLUI database is provided on an “as is” basis with no representation or warranty by the City with respect to the information’s accuracy or exhaustiveness in responding to the request.

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

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

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

If you have any further questions or comments, please contact HLUI@ottawa.ca.

Sincerely,

Amya Martinov
Student Planner

Per:

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

MB / AM

Enclosures: (2)

1. HLUI Map
2. HLUI Summary Report

cc: File no. D06-03-23-0104

HLUI SUMMARY REPORT
AREA FEATURES

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	YEAR	YEAR_1	ST_NUM	ST_NAME	ST_SUF FIX	ST_NUM201 7	ST_NAME2017	ST_SUF FIX2017	POSTAL_CO DE2017	PIN2017	MUNICIPALITY2017	NAICS	SIC
11009	BENJAMIN MOORE	Retail trade	2006-ES			2020	LANTHIER	DR	2020	LANTHIER	DR	K4A3V4	1.46E+08	CUMBERLAND	444120	
12414	REFUEL GAS	Other	2006-ES; 2012-ES	2006-2012	ES 2006; E	4270	INNES	RD	4270	INNES	RD	K4A5E6	1.46E+08	CUMBERLAND	447110; 812320	
12415	THE DRY CLEANER	Other	2006-ES; 2012-ES	2006-2012	ES 2006; E	4270	INNES	RD	4270	INNES	RD	K4A5E6	1.46E+08	CUMBERLAND	447110; 812320	
12416	DRY CLEANER	Cleaners	2017-SalesGenie		2017 SalesGenie 2017				4270	INNES	RD	K4A5E6	1.46E+08	CUMBERLAND	81232002	Jan-12
12417	OK TIRE ET AUTO SERV	Tire-Dealers-Retail, Auto	2001-ES; 2006-ES; 2012-ES; 20	2001-2017	ES 2001; E	2040	LANTHIER	DR	2040	LANTHIER	DR	K4A3V5	1.46E+08	CUMBERLAND	811111	
12418	CAR-ON AUTO SALES	Motor Vehicles, Wholesale	2001-ES	2001	c. 2001	2040	LANTHIER	DR	2040	LANTHIER	DR	K4A3V5	1.46E+08	CUMBERLAND	811111	
12419	LAMOUREUX AUTO CEN	Gasoline Service Stations	1996-MCBED; 2001-ES; 2005-Pr	1996-2012	c. 1996; c.	2040	LANTHIER	DR	2040	LANTHIER	DR	K4A3V5	1.46E+08	CUMBERLAND	811111; 811112	635
16333	DECORATORS CHOICE	Retail - Showroom/Wareh	2012-ES	2012	ES 2012	2020	LANTHIER	DR	2020	LANTHIER	DR	K4A3V4	1.46E+08	CUMBERLAND	442291	
16350	ORLEANS TOYOTA	Automobile Dealers-New	(2017-SalesGenie	2017	SalesGenie 2017				2035	MER-BLEUE, CHE			1.46E+08	CUMBERLAND	44111001	Feb-11
16351	ORLEANS KIA INC	Automobile Dealers-New	(2017-SalesGenie	2017	SalesGenie 2017				2045	MER-BLEUE, CHE			1.46E+08	CUMBERLAND	44111001	Feb-11

**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

**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



July 26, 2023

Leah Wells
EXP Services Inc.
2560 Queensview Drive, Unit 100
Ottawa, Ontario K2B 8H6
leah.wells@exp.com

Dear Leah Wells:

**RE: MECP FOI A-2023-04066, Your Reference OTT-22012077-B0 – Decision
Letter**

This letter is in response to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to 4200 Innes Road, Ottawa.

After a thorough search through the files of the ministry's Ottawa District Office, Environmental Investigations and Enforcement Branch (EIEB), and Safe Drinking Water Branch (SDW) no records were located responsive to your request. **This file is now closed.**

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

If you have any questions, please contact Tolani Abraham at Tolani.Abraham2@ontario.ca.

Yours truly,

ORIGINAL SIGNED BY

Josephine DeSouza
Manager (A), Access and Privacy Office

Appendix E: EcoLog ERIS Report



DATABASE REPORT

Project Property: *Phase I ESA
Part of 4200 Innes Road
Orléans ON K4A 3W9*

Project No: *OTT-22012077-A0_*

Report Type: *Standard Report*

Order No: *22051100269*

Requested by: *exp Services Inc.*

Date Completed: *May 16, 2022*

Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	6
Executive Summary: Site Report Summary - Surrounding Properties.....	7
Executive Summary: Summary By Data Source.....	10
Map.....	14
Aerial.....	15
Topographic Map.....	16
Detail Report.....	17
Unplottable Summary.....	45
Unplottable Report.....	47
Appendix: Database Descriptions.....	55
Definitions.....	64

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.

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

Your Liability for misuse: Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

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Executive Summary

Property Information:

Project Property: *Phase I ESA
Part of 4200 Innes Road Orléans ON K4A 3W9*

Project No: *OTT-22012077-A0_*

Coordinates:

Latitude: *45.4535225*
Longitude: *-75.49841*
UTM Northing: *5,033,425.13*
UTM Easting: *460,935.92*
UTM Zone: *18T*

Elevation: *286 FT
87.14 M*

Order Information:

Order No: *22051100269*
Date Requested: *May 11, 2022*
Requested by: *exp Services Inc.*
Report Type: *Standard Report*

Historical/Products:

City Directory Search *CD - Subject Site plus 10 Adjacent Properties*
ERIS Xplorer [ERIS Xplorer](#)

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	1	1
CA	<i>Certificates of Approval</i>	Y	0	1	1
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	2	2
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	2	2
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	12	12
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	0	0
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	0	0
SPL	<i>Ontario Spills</i>	Y	0	2	2
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	5	5
Total:			0	25	25

Executive Summary: Site Report Summary - Project Property

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	EHS		Vanguard Dr Ottawa ON	NE/101.6	0.40	17
2	SPL	Hydro One Inc.	2127 Mer-Bleue Road Ottawa ON	SE/149.5	0.94	17
3	ECA	McGiac Realty Corporation	2035, 2045 and 2055 Mer Bleue Road Ottawa ON K1B 5P5	WSW/172.1	-0.04	17
4	EHS		2055 Mer Bleue Rd Ottawa ON K4A3T9	WSW/172.2	-0.04	18
5	SPL		2035 Mer Bleue Rd Ottawa ON NA	W/212.3	-1.09	18
6	CA	City of Ottawa	2107 Mer Bleue Rd Lot 1, Concession 3 Ottawa ON	WSW/221.4	0.69	18
6	ECA	City of Ottawa	2107 Mer Bleue Rd Lot 1, Concession 3 Ottawa ON K1P 1J1	WSW/221.4	0.69	19
7	WWIS		lot 1 con 11 ON Well ID: 1513909	WSW/225.2	0.54	19
8	WWIS		lot 1 con 11 ON Well ID: 1517595	WNW/227.3	-1.67	22
9	WWIS		lot 1 con 11 ON Well ID: 1533666	W/232.1	-0.62	25
10	WWIS		lot 1 con 11 ON Well ID: 1511698	SW/239.2	0.54	26
11	GEN	Value Village Stores	4220 Innes Road Orleans ON K4A 5E6	NE/239.9	-0.05	29

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
11	GEN	Michaels Stores, Inc.	4220 Innes Rd Unit 2 Orleans ON K4A 5E6	NE/239.9	-0.05	30
11	GEN	Value Village Stores	4220 Innes Road Orleans ON K4A 5E6	NE/239.9	-0.05	30
11	GEN	Michaels Stores, Inc.	4220 Innes Rd Unit 2 Orleans ON K4A 5E6	NE/239.9	-0.05	31
11	GEN	Michaels Stores, Inc.	4220 Innes Rd Unit 2 Orleans ON K4A 5E6	NE/239.9	-0.05	32
11	GEN	Value Village Stores	4220 Innes Road Orleans ON K4A 5E6	NE/239.9	-0.05	32
11	GEN	Michaels Stores, Inc.	4220 Innes Rd Unit 2 Orleans ON K4A 5E6	NE/239.9	-0.05	33
11	GEN	Value Village Stores #2119	4220 Innes Road Orleans ON K4A 5E6	NE/239.9	-0.05	34
11	GEN	Michaels Stores, Inc.	4220 Innes Rd Unit 2 Orleans ON K4A 5E6	NE/239.9	-0.05	35
11	GEN	Value Village Stores #2119	4220 Innes Road Orleans ON K4A 5E6	NE/239.9	-0.05	36
11	GEN	Michaels Stores, Inc.	4220 Innes Rd Unit 2 Orleans ON K4A 5E6	NE/239.9	-0.05	38
11	GEN	Value Village Stores #2119	4220 Innes Road Orleans ON K4A 5E6	NE/239.9	-0.05	38
12	BORE		ON	WSW/248.1	0.42	40
13	WWIS		lot 1 con 11 ON	WSW/248.2	0.42	41

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
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Well ID: 1512849

Executive Summary: Summary By Data Source

BORE - Borehole

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	WSW	248.09	<u>12</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>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	2107 Mer Bleue Rd Lot 1, Concession 3 Ottawa ON	WSW	221.42	<u>6</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Mar 31, 2022 has found that there are 2 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	2107 Mer Bleue Rd Lot 1, Concession 3 Ottawa ON K1P 1J1	WSW	221.42	<u>6</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
McGiac Realty Corporation	2035, 2045 and 2055 Mer Bleue Road Ottawa ON K1B 5P5	WSW	172.13	<u>3</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Nov 30, 2021 has found that there are 2 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Vanguard Dr Ottawa ON	NE	101.65	1

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	2055 Mer Bleue Rd Ottawa ON K4A3T9	WSW	172.17	4

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Feb 28, 2022 has found that there are 12 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Michaels Stores, Inc.	4220 Innes Rd Unit 2 Orleans ON K4A 5E6	NE	239.87	11
Value Village Stores #2119	4220 Innes Road Orleans ON K4A 5E6	NE	239.87	11
Michaels Stores, Inc.	4220 Innes Rd Unit 2 Orleans ON K4A 5E6	NE	239.87	11
Value Village Stores #2119	4220 Innes Road Orleans ON K4A 5E6	NE	239.87	11
Michaels Stores, Inc.	4220 Innes Rd Unit 2 Orleans ON K4A 5E6	NE	239.87	11
Value Village Stores #2119	4220 Innes Road Orleans ON K4A 5E6	NE	239.87	11
Michaels Stores, Inc.	4220 Innes Rd Unit 2 Orleans ON K4A 5E6	NE	239.87	11
Value Village Stores	4220 Innes Road Orleans ON K4A 5E6	NE	239.87	11

Value Village Stores	4220 Innes Road Orleans ON K4A 5E6	NE	239.87	11
Michaels Stores, Inc.	4220 Innes Rd Unit 2 Orleans ON K4A 5E6	NE	239.87	11
Michaels Stores, Inc.	4220 Innes Rd Unit 2 Orleans ON K4A 5E6	NE	239.87	11
Value Village Stores	4220 Innes Road Orleans ON K4A 5E6	NE	239.87	11

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2020; Dec 2020-Mar 2021 has found that there are 2 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Hydro One Inc.	2127 Mer-Bleue Road Ottawa ON	SE	149.54	2

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	2035 Mer Bleue Rd Ottawa ON NA	W	212.27	5

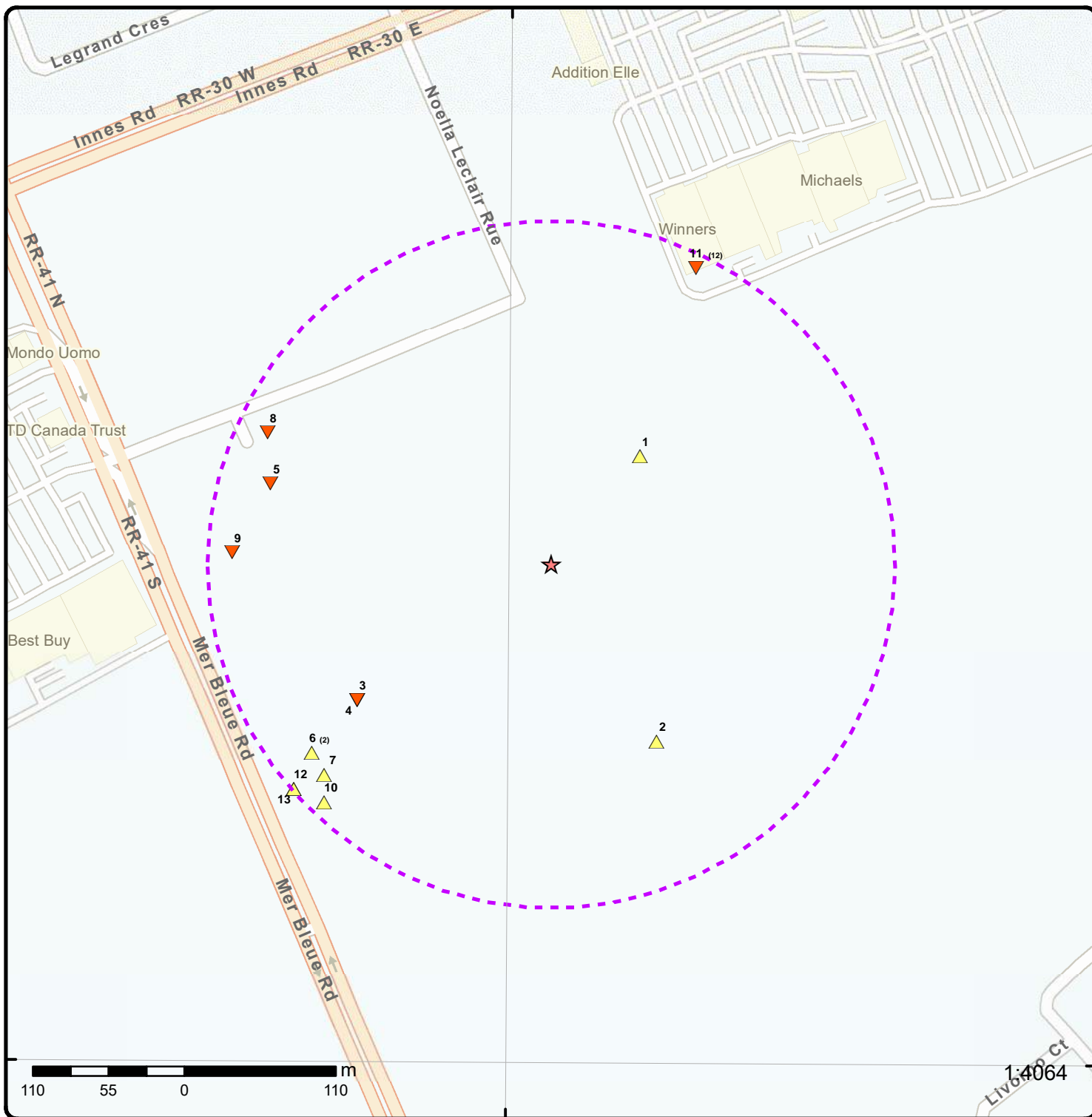
WWIS - Water Well Information System

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 1 con 11 ON <i>Well ID:</i> 1513909	WSW	225.20	7
	lot 1 con 11 ON	SW	239.25	10

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 1511698			
	lot 1 con 11 ON	WSW	248.24	<u>13</u>
	<i>Well ID:</i> 1512849			

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 1 con 11 ON	WNW	227.33	<u>8</u>
	<i>Well ID:</i> 1517595			
	lot 1 con 11 ON	W	232.09	<u>9</u>
	<i>Well ID:</i> 1533666			



Map: 0.25 Kilometer Radius

Order Number: 22051100269

Address: Part of 4200 Innes Road, Orléans, ON



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

75°30'W

45°27'N

45°27'N



Aerial Year: 2021

Order Number: 22051100269

Address: Part of 4200 Innes Road, Orléans, ON



Source: ESRI World Imagery

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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 1	NE/101.6	87.5 / 0.40	Vanguard Dr Ottawa ON	EHS
Order No: 20170823051 Status: C Report Type: Custom Report Report Date: 23-AUG-17 Date Received: 23-AUG-17 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.498779 Y: 45.453971			
<u>2</u>	1 of 1	SE/149.5	88.1 / 0.94	Hydro One Inc. 2127 Mer-Bleue Road Ottawa ON	SPL
Ref No: 4886-9725RN Site No: Incident Dt: 22-APR-13 Year: Incident Cause: Leak/Break Incident Event: Contaminant Code: 26 Contaminant Name: TRANSFORMER OIL (GT 50 PPM PCB) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Not Anticipated Nature of Impact: Vegetation Damage Receiving Medium: Receiving Env: MOE Response: No Field Response Dt MOE Arvl on Scn: MOE Reported Dt: 22-APR-13 Dt Document Closed: Incident Reason: Equipment Failure Site Name: transformer<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Hydro One: PCB suspect trfmr oil to grd, cing ~10L Contaminant Qty: 10 L		Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Transformer Agency Involved: Nearest Watercourse: Site Address: 2127 Mer-Bleue Road Site District Office: Site Postal Code: Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Land Spills Source Type:			
<u>3</u>	1 of 1	WSW/172.1	87.1 / -0.04	McGiac Realty Corporation 2035, 2045 and 2055 Mer Bleue Road Ottawa ON K1B 5P5	ECA
Approval No: 7413-9DWQJA Approval Date: 2013-12-09 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Project Type:		MUNICIPAL AND PRIVATE SEWAGE WORKS			
Business Name:		McGiac Realty Corporation			
Address:		2035, 2045 and 2055 Mer Bleue Road			
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/1977-9DEK2X-14.pdf			
PDF Site Location:					
4	1 of 1	WSW/172.2	87.1 / -0.04	2055 Mer Bleue Rd Ottawa ON K4A3T9	EHS
Order No:		20170908066		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Standard Report		Client Prov/State: ON	
Report Date:		15-SEP-17		Search Radius (km): .25	
Date Received:		08-SEP-17		X: -75.501392	
Previous Site Name:				Y: 45.452363	
Lot/Building Size:					
Additional Info Ordered:		City Directory			
5	1 of 1	W/212.3	86.0 / -1.09	2035 Mer Bleue Rd Ottawa ON NA	SPL
Ref No:		6037-B9RW4K		Discharger Report:	
Site No:		5277-8UEHH8		Material Group:	
Incident Dt:		2/26/2019		Health/Env Conseq: 2 - Minor Environment	
Year:				Client Type:	
Incident Cause:				Sector Type: Miscellaneous Industrial	
Incident Event:		Leak/Break		Agency Involved:	
Contaminant Code:		15		Nearest Watercourse:	
Contaminant Name:		Oily Water		Site Address: 2035 Mer Bleue Rd	
Contaminant Limit 1:				Site District Office: Ottawa	
Contam Limit Freq 1:				Site Postal Code: NA	
Contaminant UN No 1:		n/a		Site Region: Eastern	
Environment Impact:				Site Municipality: Ottawa	
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc: NA	
Receiving Env:		Land		Northing: 5033595	
MOE Response:		No		Easting: 460980	
Dt MOE Arvl on Scn:				Site Geo Ref Accu: NA	
MOE Reported Dt:		2/26/2019		Site Map Datum: NA	
Dt Document Closed:		3/5/2019		SAC Action Class: Land Spills	
Incident Reason:		Equipment Failure		Source Type: Truck - Tanker	
Site Name:		2035 Mer Bleue Road			
Site County/District:		NA			
Site Geo Ref Meth:		NA			
Incident Summary:		Tomlinson Env - 400L of Oily Water to Parking Lot			
Contaminant Qty:		400 L			
6	1 of 2	WSW/221.4	87.8 / 0.69	City of Ottawa 2107 Mer Bleue Rd Lot 1, Concession 3 Ottawa ON	CA
Certificate #:		2191-7MCT5Y			
Application Year:		2009			
Issue Date:		1/16/2009			
Approval Type:		Municipal and Private Sewage Works			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Client City:
 Client Postal Code:
 Project Description:
 Contaminants:
 Emission Control:

6	2 of 2	WSW/221.4	87.8 / 0.69	City of Ottawa 2107 Mer Bleue Rd Lot 1, Concession 3 Ottawa ON K1P 1J1	ECA
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Approval No:	2191-7MCT5Y	MOE District:	Ottawa
Approval Date:	2009-01-16	City:	
Status:	Approved	Longitude:	-75.50185
Record Type:	ECA	Latitude:	45.452007
Link Source:	IDS	Geometry X:	
SWP Area Name:	South Nation	Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Business Name:	City of Ottawa		
Address:	2107 Mer Bleue Rd Lot 1, Concession 3		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/4690-7JJK7W-14.pdf		
PDF Site Location:			

7	1 of 1	WSW/225.2	87.7 / 0.54	lot 1 con 11 ON	WWIS
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Well ID:	1513909	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	3/18/1974
Sec. Water Use:	0	Selected Flag:	TRUE
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1504
Casing Material:		Form Version:	1
Audit No:		Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	CUMBERLAND TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	001
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\1513909.pdf

Additional Detail(s) (Map)

Well Completed Date:	1973/08/08
Year Completed:	1973
Depth (m):	24.9936
Latitude:	45.4518715740324
Longitude:	-75.5016950285498
Path:	151\1513909.pdf

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	10035891			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	
				18 460770.80 5033272.00 6 margin of error : 300 m - 1 km p6	
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		931024766 2 2 GREY 15 LIMESTONE 21.0 82.0 ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		931024765 1 3 BLUE 05 CLAY 0.0 21.0 ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:		961513909 6 Boring			
<u>Pipe Information</u>					
Pipe ID: Casing No:		10584461 1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930063446			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		23.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991513909			
Pump Set At:					
Static Level:		7.0			
Final Level After Pumping:		40.0			
Recommended Pump Depth:		50.0			
Pumping Rate:		7.0			
Flowing Rate:					
Recommended Pump Rate:		7.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934099681			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		30.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934380755			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934899218			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		7.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934641330			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Recovery			
Test Duration:		45			
Test Level:		10.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933469663			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		82.0			
Water Found Depth UOM:		ft			

<u>8</u>	1 of 1	WNW/227.3	85.5 / -1.67	lot 1 con 11 ON	WWIS
Well ID:		1517595		Data Entry Status:	
Construction Date:				Data Src: 1	
Primary Water Use:		Domestic		Date Received: 9/1/1981	
Sec. Water Use:		0		Selected Flag: TRUE	
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor: 2351	
Casing Material:				Form Version: 1	
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County: OTTAWA	
Elevation (m):				Municipality: CUMBERLAND TOWNSHIP	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot: 001	
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\1517595.pdf

Additional Detail(s) (Map)

Well Completed Date: 1981/07/14
Year Completed: 1981
Depth (m): 8.8392
Latitude: 45.4541104849704
Longitude: -75.5022392429092
Path: 151\1517595.pdf

Bore Hole Information

Bore Hole ID:	10039467	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	460729.80
Code OB Desc:		North83:	5033521.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	14-Jul-1981 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931035678			
Layer:		1			
Color:		7			
General Color:		RED			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		9.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931035679			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		9.0			
Formation End Depth:		21.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931035680			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		21.0			
Formation End Depth:		29.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961517595			
Method Construction Code:		1			
Method Construction:		Cable Tool			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10588037			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930069006			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		21.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991517595			
Pump Set At:					
Static Level:		4.0			
Final Level After Pumping:		10.0			
Recommended Pump Depth:		22.0			
Pumping Rate:		50.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		40			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934102126			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		10.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934645849			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		10.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934895124			
Test Type:		Draw Down			
Test Duration:		60			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		10.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934376014			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		10.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933474096			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		28.0			
Water Found Depth UOM:		ft			

<u>9</u>	1 of 1	W/232.1	86.5 / -0.62	lot 1 con 11 ON	WWIS
Well ID:	1533666				
Construction Date:				Data Entry Status:	
Primary Water Use:				Data Src:	1
Sec. Water Use:				Date Received:	4/8/2003
Final Well Status:	Abandoned-Other			Selected Flag:	TRUE
Water Type:				Abandonment Rec:	
Casing Material:				Contractor:	6907
Audit No:	257721			Form Version:	1
Tag:				Owner:	
Construction Method:				Street Name:	
Elevation (m):				County:	OTTAWA
Elevation Reliability:				Municipality:	CUMBERLAND TOWNSHIP
Depth to Bedrock:				Site Info:	
Well Depth:				Lot:	001
Overburden/Bedrock:				Concession:	11
Pump Rate:				Concession Name:	CON
Static Water Level:				Easting NAD83:	
Flowing (Y/N):				Northing NAD83:	
Flow Rate:				Zone:	
Clear/Cloudy:				UTM Reliability:	

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1533666.pdf

Additional Detail(s) (Map)

Well Completed Date: 2002/11/15
Year Completed: 2002
Depth (m):
Latitude: 45.4533259587063
Longitude: -75.5025622392005
Path: 153\1533666.pdf

Bore Hole Information

Bore Hole ID: 10537500
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Elevation:
Elevrc:
Zone: 18
East83: 460704.00
North83: 5033434.00

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole: Cluster Kind: Date Completed: 15-Nov-2002 00:00:00 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Org CS: NA UTMRC: 6 UTMRC Desc: margin of error : 300 m - 1 km Location Method: gis	
<u>Method of Construction & Well Use</u>					
Method Construction ID: 961533666 Method Construction Code: B Method Construction: Other Method Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID: 11086070 Casing No: 1 Comment: Alt Name:					

10	1 of 1	SW/239.2	87.7 / 0.54	lot 1 con 11 ON	WWIS
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Well ID: 1511698 Construction Date: Primary Water Use: Domestic 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: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:	Data Entry Status: Data Src: 1 Date Received: 4/7/1972 Selected Flag: TRUE Abandonment Rec: Contractor: 1504 Form Version: 1 Owner: Street Name: County: OTTAWA Municipality: CUMBERLAND TOWNSHIP Site Info: Lot: 001 Concession: 11 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:
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PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1511698.pdf

Additional Detail(s) (Map)

Well Completed Date: 1971/07/19 Year Completed: 1971 Depth (m): 12.192 Latitude: 45.4516915567051 Longitude: -75.5016934324754 Path: 151\1511698.pdf	
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Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10033692			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	460770.80
Code OB Desc:				North83:	5033252.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	19-Jul-1971 00:00:00			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
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:	931018489				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	27.0				
Formation End Depth:	40.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931018488				
Layer:	1				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	27.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961511698				
Method Construction Code:	7				
Method Construction:	Diamond				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10582262				

<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>
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930059855				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	40.0				
Casing Diameter:					
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930059854				
Layer:	1				
Material:	2				
Open Hole or Material:	GALVANIZED				
Depth From:					
Depth To:	29.0				
Casing Diameter:	2.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991511698				
Pump Set At:					
Static Level:	10.0				
Final Level After Pumping:	25.0				
Recommended Pump Depth:	30.0				
Pumping Rate:	10.0				
Flowing Rate:					
Recommended Pump Rate:	6.0				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	2				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934098349				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	25.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934645025				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	25.0				
Test Level UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Draw Down & Recovery

Pump Test Detail ID: 934901943
Test Type: Draw Down
Test Duration: 60
Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934382891
Test Type: Draw Down
Test Duration: 30
Test Level: 25.0
Test Level UOM: ft

Water Details

Water ID: 933466932
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 40.0
Water Found Depth UOM: ft

<u>11</u>	1 of 12	NE/239.9	87.1 / -0.05	Value Village Stores 4220 Innes Road Orleans ON K4A 5E6	GEN
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Generator No: ON7508689	Status:
SIC Code: 453310	Co Admin:
SIC Description: USED MERCHANDISE STORES	Choice of Contact: CO_OFFICIAL
Approval Years: 2016	Phone No Admin:
PO Box No:	Contam. Facility: No
Country: Canada	MHSW Facility: No

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 112
Waste Class Desc: ACID WASTE - HEAVY METALS

Waste Class: 262
Waste Class Desc: DETERGENTS/SOAPS

Waste Class: 146
Waste Class Desc: OTHER SPECIFIED INORGANICS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		269			
Waste Class Desc:		NON-HALOGENATED PESTICIDES			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			

[11](#) 2 of 12 **NE/239.9** **87.1 / -0.05** **Michaels Stores, Inc.**
4220 Innes Rd Unit 2
Orleans ON K4A 5E6 **GEN**

Generator No:	ON4625819	Status:	
SIC Code:	451130	Co Admin:	James Williams
SIC Description:	SEWING, NEEDLEWORK AND PIECE GOODS STORES	Choice of Contact:	CO_OFFICIAL
Approval Years:	2015	Phone No Admin:	(647)288-3298 Ext.
PO Box No:		Contam. Facility:	No
Country:	Canada	MHSW Facility:	No

Detail(s)

Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
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:	262
Waste Class Desc:	DETERGENTS/SOAPS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS

[11](#) 3 of 12 **NE/239.9** **87.1 / -0.05** **Value Village Stores**
4220 Innes Road
Orleans ON K4A 5E6 **GEN**

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Generator No: ON7508689
SIC Code: 453310
SIC Description: USED MERCHANDISE STORES
Approval Years: 2015
PO Box No:
Country: Canada

Status:
Co Admin:
Choice of Contact: CO_OFFICIAL
Phone No Admin:
Contam. Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 148
Waste Class Desc: INORGANIC LABORATORY CHEMICALS

Waste Class: 331
Waste Class Desc: WASTE COMPRESSED GASES

Waste Class: 122
Waste Class Desc: ALKALINE WASTES - OTHER METALS

Waste Class: 312
Waste Class Desc: PATHOLOGICAL WASTES

Waste Class: 242
Waste Class Desc: HALOGENATED PESTICIDES

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 261
Waste Class Desc: PHARMACEUTICALS

Waste Class: 262
Waste Class Desc: DETERGENTS/SOAPS

11	4 of 12	NE/239.9	87.1 / -0.05	Michaels Stores, Inc. 4220 Innes Rd Unit 2 Orleans ON K4A 5E6	GEN
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Generator No: ON4625819
SIC Code: 451130
SIC Description: SEWING, NEEDLEWORK AND PIECE GOODS STORES
Approval Years: 2016
PO Box No:
Country: Canada

Status:
Co Admin: James Williams
Choice of Contact: CO_OFFICIAL
Phone No Admin: (647)288-3298 Ext.
Contam. Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 262
Waste Class Desc: DETERGENTS/SOAPS

Waste Class: 331
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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			

11 5 of 12 **NE/239.9** **87.1 / -0.05** **Michaels Stores, Inc.**
4220 Innes Rd Unit 2
Orleans ON K4A 5E6 **GEN**

Generator No:	ON4625819	Status:	
SIC Code:	451130	Co Admin:	James Williams
SIC Description:	SEWING, NEEDLEWORK AND PIECE GOODS STORES	Choice of Contact:	CO_OFFICIAL
Approval Years:	2014	Phone No Admin:	(647)288-3298 Ext.
PO Box No:		Contam. Facility:	No
Country:	Canada	MHSW Facility:	No

Detail(s)

Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES
Waste Class:	262
Waste Class Desc:	DETERGENTS/SOAPS
Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	122
Waste Class Desc:	ALKALINE WASTES - OTHER METALS
Waste Class:	331
Waste Class Desc:	WASTE COMPRESSED GASES
Waste Class:	148
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS
Waste Class:	146
Waste Class Desc:	OTHER SPECIFIED INORGANICS
Waste Class:	261
Waste Class Desc:	PHARMACEUTICALS

11 6 of 12 **NE/239.9** **87.1 / -0.05** **Value Village Stores**
4220 Innes Road
Orleans ON K4A 5E6 **GEN**

Generator No:	ON7508689	Status:	
SIC Code:	453310	Co Admin:	
SIC Description:	USED MERCHANDISE STORES	Choice of Contact:	CO_OFFICIAL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years:	2014			Phone No Admin:	
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		262			
Waste Class Desc:		DETERGENTS/SOAPS			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		122			
Waste Class Desc:		ALKALINE WASTES - OTHER METALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		242			
Waste Class Desc:		HALOGENATED PESTICIDES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			

<u>11</u>	7 of 12	NE/239.9	87.1 / -0.05	Michaels Stores, Inc. 4220 Innes Rd Unit 2 Orleans ON K4A 5E6	GEN
Generator No:	ON4625819			Status:	Registered
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Dec 2018			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	

Detail(s)

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 L				
Waste Class Desc:	Misc. wastes and inorganic chemicals				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		212 I			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		261 B			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		261 L			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		262 L			
Waste Class Desc:		Detergents and soaps			
Waste Class:		263 A			
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	8 of 12	NE/239.9	87.1 / -0.05	Value Village Stores #2119 4220 Innes Road Orleans ON K4A 5E6	GEN
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Generator No:	ON7508689	Status:	Registered
SIC Code:		Co Admin:	
SIC Description:		Choice of Contact:	
Approval Years:	As of Dec 2018	Phone No Admin:	
PO Box No:		Contam. Facility:	
Country:	Canada	MHSW Facility:	

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Desc:		212 L Aliphatic solvents and residues			
Waste Class: Waste Class Desc:		242 L 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 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	9 of 12	NE/239.9	87.1 / -0.05	Michaels Stores, Inc. 4220 Innes Rd Unit 2 Orleans ON K4A 5E6	GEN
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Generator No:	ON4625819	Status:	Registered
SIC Code:		Co Admin:	
SIC Description:		Choice of Contact:	
Approval Years:	As of Jul 2020	Phone No Admin:	
PO Box No:		Contam. Facility:	
Country:	Canada	MHSW Facility:	

Detail(s)

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

[11](#) 10 of 12 **NE/239.9** **87.1 / -0.05** **Value Village Stores #2119** **GEN**
4220 Innes Road
Orleans ON K4A 5E6

Generator No:	ON7508689	Status:	Registered
SIC Code:		Co Admin:	
SIC Description:		Choice of Contact:	
Approval Years:	As of Jul 2020	Phone No Admin:	
PO Box No:		Contam. Facility:	
Country:	Canada	MHSW Facility:	

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
Waste Class:	262 L
Waste Class Desc:	Detergents and soaps

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		261 L			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		263 A			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		269 T			
Waste Class Desc:		Organic non-halogenated pesticide and herbicide wastes			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		148 A			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		242 L			
Waste Class Desc:		Halogenated pesticides and herbicides			
Waste Class:		312 P			
Waste Class Desc:		Pathological wastes			
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:		148 I			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		269 L			
Waste Class Desc:		Organic non-halogenated pesticide and herbicide wastes			
Waste Class:		145 L			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		261 A			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		331 L			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		261 I			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		242 T			
Waste Class Desc:		Halogenated pesticides and herbicides			
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:		262 C			
Waste Class Desc:		Detergents and soaps			
Waste Class:		112 C			
Waste Class Desc:		Acid solutions - containing heavy metals			
Waste Class:		263 L			
Waste Class Desc:		Misc. waste organic chemicals			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		212 I			
Waste Class Desc:		Aliphatic solvents and residues			
11	11 of 12	NE/239.9	87.1 / -0.05	Michaels Stores, Inc. 4220 Innes Rd Unit 2 Orleans ON K4A 5E6	GEN
Generator No:	ON4625819			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Nov 2021			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		261 B			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		148 L			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		263 L			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		261 L			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		263 A			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		331 L			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		122 C			
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		262 L			
Waste Class Desc:		Detergents and soaps			
Waste Class:		212 I			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		146 T			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		145 L			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		145 I			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		148 A			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
11	12 of 12	NE/239.9	87.1 / -0.05	Value Village Stores #2119 4220 Innes Road Orleans ON K4A 5E6	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No:	ON7508689			Status:	Registered
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Nov 2021			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	

Detail(s)

Waste Class:	145 L
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	263 I
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	242 L
Waste Class Desc:	Halogenated pesticides and herbicides
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:	263 L
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	112 C
Waste Class Desc:	Acid solutions - containing heavy metals
Waste Class:	312 P
Waste Class Desc:	Pathological wastes
Waste Class:	261 A
Waste Class Desc:	Pharmaceuticals
Waste Class:	212 I
Waste Class Desc:	Aliphatic solvents and residues
Waste Class:	145 I
Waste Class Desc:	Wastes from the use of pigments, coatings and paints
Waste Class:	242 T
Waste Class Desc:	Halogenated pesticides and herbicides
Waste Class:	148 C
Waste Class Desc:	Misc. wastes and inorganic chemicals
Waste Class:	262 C
Waste Class Desc:	Detergents and soaps
Waste Class:	269 T
Waste Class Desc:	Organic non-halogenated pesticide and herbicide wastes
Waste Class:	262 L
Waste Class Desc:	Detergents and soaps
Waste Class:	263 A
Waste Class Desc:	Misc. waste organic chemicals
Waste Class:	269 L
Waste Class Desc:	Organic non-halogenated pesticide and herbicide wastes
Waste Class:	252 L
Waste Class Desc:	Waste crankcase oils and lubricants

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		331 L			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		148 I			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		148 A			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		261 I			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			
Waste Class:		261 L			
Waste Class Desc:		Pharmaceuticals			
Waste Class:		122 C			
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			

[12](#) 1 of 1 WSW/248.1 87.6 / 0.42 ON [BORE](#)

Borehole ID:	616298	Inclin FLG:	No
OGF ID:	215517087	SP Status:	Initial Entry
Status:		Surv Elev:	No
Type:	Borehole	Piezometer:	No
Use:		Primary Name:	
Completion Date:	JUL-1964	Municipality:	
Static Water Level:		Lot:	
Primary Water Use:		Township:	
Sec. Water Use:		Latitude DD:	45.451782
Total Depth m:	14.9	Longitude DD:	-75.501975
Depth Ref:	Ground Surface	UTM Zone:	18
Depth Elev:		Easting:	460749
Drill Method:		Northing:	5033262
Orig Ground Elev m:	89.6	Location Accuracy:	
Elev Reliabil Note:		Accuracy:	Not Applicable
DEM Ground Elev m:	89.6		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218403601	Mat Consistency:	
Top Depth:	0	Material Moisture:	
Bottom Depth:	8.5	Material Texture:	
Material Color:	Blue	Non Geo Mat Type:	
Material 1:	Clay	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	CLAY. BLUE.		
Geology Stratum ID:	218403602	Mat Consistency:	
Top Depth:	8.5	Material Moisture:	
Bottom Depth:	14.9	Material Texture:	
Material Color:	Grey	Non Geo Mat Type:	
Material 1:	Limestone	Geologic Formation:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:		LIMESTONE. GREY. 000495.0 FEET. BOULDERS. BEDROCK. GREY. ROCK. SEISMIC VELOCITY = 18000 **Note: Many records provided by the department have a truncated [Stratum Description] field.		Geologic Group: Geologic Period: Depositional Gen:	
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:	Data Survey Geological Survey of Canada 1956-1972			Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
	Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 08806 NTS_Sheet:				
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:	1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator

<u>13</u>	1 of 1	WSW/248.2	87.6 / 0.42	lot 1 con 11 ON	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: 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:	1512849 Domestic 0 Water Supply			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 1/19/1965 TRUE 1504 1 OTTAWA CUMBERLAND TOWNSHIP 001 11 CON

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1512849.pdf

Additional Detail(s) (Map)

Well Completed Date: 1964/07/29
Year Completed: 1964
Depth (m): 14.9352
Latitude: 45.4517803293112
Longitude: -75.5019755731562
Path: 151\1512849.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10034837			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	460748.80
Code OB Desc:				North83:	5033262.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	29-Jul-1964 00:00:00			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:	931021722				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	28.0				
Formation End Depth:	49.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931021721				
Layer:	1				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	28.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	961512849				
Method Construction Code:	7				
Method Construction:	Diamond				
Other Method Construction:					

Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10583407			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930061706			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		30.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930061707			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		49.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991512849			
Pump Set At:					
Static Level:		4.0			
Final Level After Pumping:		25.0			
Recommended Pump Depth:		25.0			
Pumping Rate:		6.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933468339			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		49.0			
Water Found Depth UOM:		ft			

Unplottable Summary

Total: **19** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	REDEEMER ALLIANCE CHURCH	INNES RD., BLOCK 105 (SWM)	CUMBERLAND TWP. ON	
CA	City of Ottawa	Mer Bleue Rd (Innes Rd 700m south)	Ottawa ON	
CA	Innes Road and 10th Line	Part of Lot 1, Concession 11	Ottawa ON	
CA		East Half of Lot 1, Concession 11	Cumberland ON	
CA	R.C. EPISCOPAL CORP. OF OTTAWA	INNES RD., BLK. 43, (SWM)	CUMBERLAND TWP. ON	
CA	City of Ottawa	Mer Bleue Rd (Innes Rd 700m south)	Ottawa ON	
CA	GOODBRAM INVESTMENTS LTD.	PT.LOT 1/CON.11,INNES RD., SWM	CUMBERLAND TWP. ON	
CA	A.J. ROBINSON & ASSOC.INC. BRAM GROUP	INNES ROAD	CUMBERLAND TWP. ON	
CA	A.J. ROBINSON & ASSOC.INC. BRAM GROUP	INNES ROAD	CUMBERLAND TWP. ON	
CA	SAFETY-KLEEN CANADA INC.	PART LOT 1, CONC. 11	CUMBERLAND TWP. ON	
ECA	McGiac Realty Corporation		Ottawa ON	K1B 5P5
GEN	SAFETY-KLEEN CANADA INC. 36-600	PT. LOT #1, CON. 11, TWP OF CUMBERLAND C/O 3090 LE CARREFOUR BLVD. SUITE 300 CHOMEDEY-LAVAL	CUMBERLAND ON	H7J 2J7
GEN	SAFETY-KLEEN CANADA INC. 36-600	PT. LOT #1, CON. 11, TWP OF CUMBERLAND C/O 3090 LE CARREFOUR BLVD. SUITE 300 C	CUMBERLAND ON	H7J 2J7
GEN	SAFETY-KLEEN CANADA INC.	PT. LOT #1, CON. 11, TWP OF CUMBERLAND C/O 3090 LE CARREFOUR BLVD. SUITE 300 CHOMEDEY-LAVAL	CUMBERLAND ON	H7J 2J7
GEN	SAFETY-KLEEN CANADA INC. 36-600	PT. LOT #1, CON. 11, TWP OF CUMBERLAND C/O 3090 LE CARREFOUR BLVD. SUITE 300 CHOMEDEY-LAVAL	CUMBERLAND ON	H7J 2J7
GEN	SAFETY-KLEEN CANADA INC.	PART OF LOT 1, CONCESSION 11	CUMBERLAND TOWNSHIP ON	
GEN	SAFETY-KLEEN CANADA INC.	PT. LOT #1, CON. 11, TWP OF CUMBERLAND	CUMBERLAND ON	H7J 2J7

36-600

C/O 3090 LE CARREFOUR BLVD. SUITE 300

SPL Unknown<UNOFFICIAL> Innes Rd Eastbound at Blair Ottawa ON

SPL City of Ottawa Innes Road just east of 10 th Line
<UNOFFICIAL> Ottawa ON

Unplottable Report

Site: REDEEMER ALLIANCE CHURCH
INNES RD., BLOCK 105 (SWM) CUMBERLAND TWP. ON

Database:
CA

Certificate #: 3-1330-96-
Application Year: 96
Issue Date: 11/22/1996
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: City of Ottawa
Mer Bleue Rd (Innes Rd 700m south) Ottawa ON

Database:
CA

Certificate #: 8790-6VKTPK
Application Year: 2007
Issue Date: 4/26/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Innes Road and 10th Line
Part of Lot 1, Concession 11 Ottawa ON

Database:
CA

Certificate #: 4234-4WTKNB
Application Year: 01
Issue Date: 6/20/01
Approval Type: Industrial sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Petro- Canada
Client Address: 5140 Yonge Street, Suite 200
Client City: Toronto
Client Postal Code: M2N 6L6
Project Description: On-site splii containment system to service a proposed 0.14 ha commercial development. The proposed system includes the installation is a stormceptor oil/water seperator at the outlet from the proposed internal storm system for the site.
Contaminants:
Emission Control:

Site: East Half of Lot 1, Concession 11 Cumberland ON

Database:
CA

Certificate #: 0152-5ACMXF
Application Year: 02
Issue Date: 5/30/02
Approval Type: Industrial sewage
Status: Approved
Application Type: New Certificate of Approval
Client Name: Oil Chargers Inc.
Client Address:
Client City: Cumberland
Client Postal Code:
Project Description: Stormwater Management for a vehicle servicing site
Contaminants:
Emission Control:

Site: R.C. EPISCOPAL CORP. OF OTTAWA
INNES RD., BLK. 43, (SWM) CUMBERLAND TWP. ON

Database:
CA

Certificate #: 3-1532-97-
Application Year: 97
Issue Date: 11/7/1997
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: City of Ottawa
Mer Bleue Rd (Innes Rd 700m south) Ottawa ON

Database:
CA

Certificate #: 2501-6V7Q25
Application Year: 2006
Issue Date: 11/10/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: GOODBRAM INVESTMENTS LTD.
PT.LOT 1/CON.11,INNES RD., SWM CUMBERLAND TWP. ON

Database:
CA

Certificate #: 3-0349-94-
Application Year: 94
Issue Date: 6/16/1994
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: A.J. ROBINSON & ASSOC.INC.BRAM GROUP
INNES ROAD CUMBERLAND TWP. ON

Database:
CA

Certificate #: 7-1075-88-
Application Year: 88
Issue Date: 7/15/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: A.J. ROBINSON & ASSOC.INC. BRAM GROUP
INNES ROAD CUMBERLAND TWP. ON

Database:
CA

Certificate #: 3-1241-88-
Application Year: 88
Issue Date: 7/15/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: SAFETY-KLEEN CANADA INC.
PART LOT 1, CONC. 11 CUMBERLAND TWP. ON

Database:
CA

Certificate #: 8-4153-89-
Application Year: 89
Issue Date: 1/16/1990
Approval Type: Industrial air
Status: Approved in 1990
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description: TWO MINERAL SPIRIT TANKS WITH VENTS
Contaminants:
Emission Control:

Site: McGiac Realty Corporation
Ottawa ON K1B 5P5

Database:
ECA

Approval No: 0547-9MSNYS
Approval Date: 2014-12-09
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-INDUSTRIAL SEWAGE WORKS
Project Type: INDUSTRIAL SEWAGE WORKS
Business Name: McGiac Realty Corporation

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

Address:
Full Address:
Full PDF Link:
PDF Site Location:

<https://www.accessenvironment.ene.gov.on.ca/instruments/5727-9DEKZM-14.pdf>

Site: SAFETY-KLEEN CANADA INC. 36-600
PT. LOT #1, CON. 11, TWP OF CUMBERLAND C/O 3090 LE CARREFOUR BLVD. SUITE 300 CHOMEDEY-LAVAL
CUMBERLAND ON H7J 2J7

Database:
GEN

Generator No: ON0154009
SIC Code: 4999
SIC Description: OTHER UTILITY IND.
Approval Years: 93
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 222
Waste Class Desc: HEAVY FUELS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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

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

Waste Class: 254
Waste Class Desc: TRANSFER STATION OILS WASTES

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Site: SAFETY-KLEEN CANADA INC. 36-600
PT. LOT #1, CON. 11, TWP OF CUMBERLAND C/O 3090 LE CARREFOUR BLVD. SUITE 300 C CUMBERLAND ON
H7J 2J7

Database:
GEN

Generator No: ON0154009
SIC Code: 4999
SIC Description: OTHER UTILITY IND.
Approval Years: 96,97
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 222
Waste Class Desc: HEAVY FUELS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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

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

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 254
Waste Class Desc: TRANSFER STATION OILS WASTES

Site: SAFETY-KLEEN CANADA INC.
 PT. LOT #1, CON. 11, TWP OF CUMBERLAND C/O 3090 LE CARREFOUR BLVD. SUITE 300 CHOMEDEY-LAVAL
 CUMBERLAND ON H7J 2J7

Database:
 GEN

Generator No:	ON0154009	Status:
SIC Code:	4999	Co Admin:
SIC Description:	OTHER UTILITY IND.	Choice of Contact:
Approval Years:	89	Phone No Admin:
PO Box No:		Contam. Facility:
Country:		MHSW Facility:

Detail(s)

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 222
Waste Class Desc: HEAVY FUELS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

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

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

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 254
Waste Class Desc: TRANSFER STATION OILS WASTES

Site: SAFETY-KLEEN CANADA INC. 36-600
PT. LOT #1, CON. 11, TWP OF CUMBERLAND C/O 3090 LE CARREFOUR BLVD. SUITE 300 CHOMEDEY-LAVAL
CUMBERLAND ON H7J 2J7

Database:
GEN

Generator No: ON0154009
SIC Code: 4999
SIC Description: OTHER UTILITY IND.
Approval Years: 92,94
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 222
Waste Class Desc: HEAVY FUELS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 254
Waste Class Desc: TRANSFER STATION OILS WASTES

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

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

Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Site: SAFETY-KLEEN CANADA INC.
PART OF LOT 1, CONCESSION 11 CUMBERLAND TOWNSHIP ON

Database:
GEN

Generator No: ON0154009
SIC Code: 4999
SIC Description: OTHER UTILITY IND.
Approval Years: 98
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
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Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 222
Waste Class Desc: HEAVY FUELS

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Waste Class Desc: HALOGENATED SOLVENTS

Waste Class: 252
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Waste Class: 253
Waste Class Desc: EMULSIFIED OILS

Waste Class: 254
Waste Class Desc: TRANSFER STATION OILS WASTES

Site: SAFETY-KLEEN CANADA INC. 36-600
 PT. LOT #1, CON. 11, TWP OF CUMBERLAND C/O 3090 LE CARREFOUR BLVD. SUITE 300 CUMBERLAND ON H7J 2J7

Database:
 GEN

Generator No:	ON0154009	Status:
SIC Code:	4999	Co Admin:
SIC Description:	OTHER UTILITY IND.	Choice of Contact:
Approval Years:	95	Phone No Admin:
PO Box No:		Contam. Facility:
Country:		MHSW Facility:

Detail(s)

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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Waste Class Desc: HEAVY FUELS

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Waste Class: 251
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Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS
Waste Class: 253
Waste Class Desc: EMULSIFIED OILS
Waste Class: 254
Waste Class Desc: TRANSFER STATION OILS WASTES

Site: **Unknown<UNOFFICIAL>**
Innes Rd Eastbound at Blair Ottawa ON

Database:
SPL

Ref No:	2061-8MDRQW	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	10/6/2011	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:		Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:	13	Nearest Watercourse:	
Contaminant Name:	DIESEL FUEL	Site Address:	Innes Rd Eastbound at Blair
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:	Not Anticipated	Site Municipality:	Ottawa
Nature of Impact:		Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	
MOE Response:	No Field Response	Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	10/6/2011	Site Map Datum:	
Dt Document Closed:	11/22/2011	SAC Action Class:	Land Spills
Incident Reason:		Source Type:	
Site Name:	MVA Site: Ottawa Roads<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	MVA: diesel on road.		
Contaminant Qty:			

Site: **City of Ottawa**
Innes Road just east of 10 th Line <UNOFFICIAL> Ottawa ON

Database:
SPL

Ref No:	3320-6C9JY7	Discharger Report:	0
Site No:		Material Group:	Chemical
Incident Dt:	5/10/2005	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Valve / Fitting Leak Or Failure	Sector Type:	Other Motor Vehicle
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:	ANTI-FREEZE	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	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	5/10/2005	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Spill to Land
Incident Reason:	Equipment Failure - Malfunction of system components	Source Type:	
Site Name:	Innes Road just east of 10 th Line <UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	City bus, 10 L antifreeze to ground, cleaning		
Contaminant Qty:			

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 Nov 2021

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-Mar 2022

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

[AST](#)

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

[AUWR](#)

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

Government Publication Date: 1999-Sep 30, 2021

Borehole:

Provincial

[BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2019

Commercial Fuel Oil Tanks:

Provincial CFOT

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

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

Government Publication Date: Feb 28, 2022

Chemical Manufacturers and Distributors:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

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

Government Publication Date: 1999-Sep 30, 2021

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 -Nov 2021

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

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

Government Publication Date: 1989-Jan 2022

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 - Apr 30, 2022

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: Feb 28, 2022**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- Mar 31, 2022**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 - Apr 30, 2022**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- Mar 31, 2022**Environmental Effects Monitoring:**

Federal

EEM

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

Government Publication Date: 1992-2007***ERIS Historical Searches:**

Private

EHS

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

Government Publication Date: 1999-Nov 30, 2021**Environmental Issues Inventory System:**

Federal

EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial **EPAR**

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land / water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2021

List of Expired Fuels Safety Facilities:

Provincial **EXP**

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

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

Government Publication Date: Feb 28, 2022

Federal Convictions:

Federal **FCON**

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal **FCS**

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

Government Publication Date: Jun 2000-Nov 2021

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal **FRST**

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

Government Publication Date: May 31, 2018

Fuel Storage Tank:

Provincial **FST**

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

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

Government Publication Date: Feb 28, 2022

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-Feb 28, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

[GHG](#)

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

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents:

Provincial

[HINC](#)

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

[IAFT](#)

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

[INC](#)

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

Government Publication Date: Feb 28, 2022

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-Feb 2022

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, 2020

National Defense & Canadian Forces Fuel Tanks:

Federal

[NDFT](#)

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

[NDSP](#)

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

[NDWD](#)

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

[NEBI](#)

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

[NEBP](#)

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

[NEES](#)

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

Government Publication Date: 1974-2003*

National PCB Inventory:

Federal

[NPCB](#)

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

Government Publication Date: 1988-2008*

National Pollutant Release Inventory:

Federal

[NPRI](#)

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

[OGWE](#)

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

Government Publication Date: 1988-Feb 28, 2022

Ontario Oil and Gas Wells:

Provincial

[OOGW](#)

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

Government Publication Date: 1800-Jan 2021

Inventory of PCB Storage Sites:

Provincial

[OPCB](#)

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

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

Orders:

Provincial

[ORD](#)

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

Government Publication Date: 1994 - Apr 30, 2022

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- Mar 31, 2022

Pipeline Incidents:

Provincial PINC

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

Government Publication Date: Feb 28, 2021

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 - Apr 30, 2022

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-1990, 1992-2019

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-Mar 2022

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-Sep 30, 2021

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-Sep 2020; Dec 2020-Mar 2021

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, 2019

Anderson's Storage Tanks:

Private [TANK](#)

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal [TCFT](#)

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

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks:

Provincial [VAR](#)

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

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial [WDS](#)

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

Government Publication Date: Oct 2011- Mar 31, 2022

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: Sep 30, 2021

Definitions

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

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

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

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

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

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

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

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

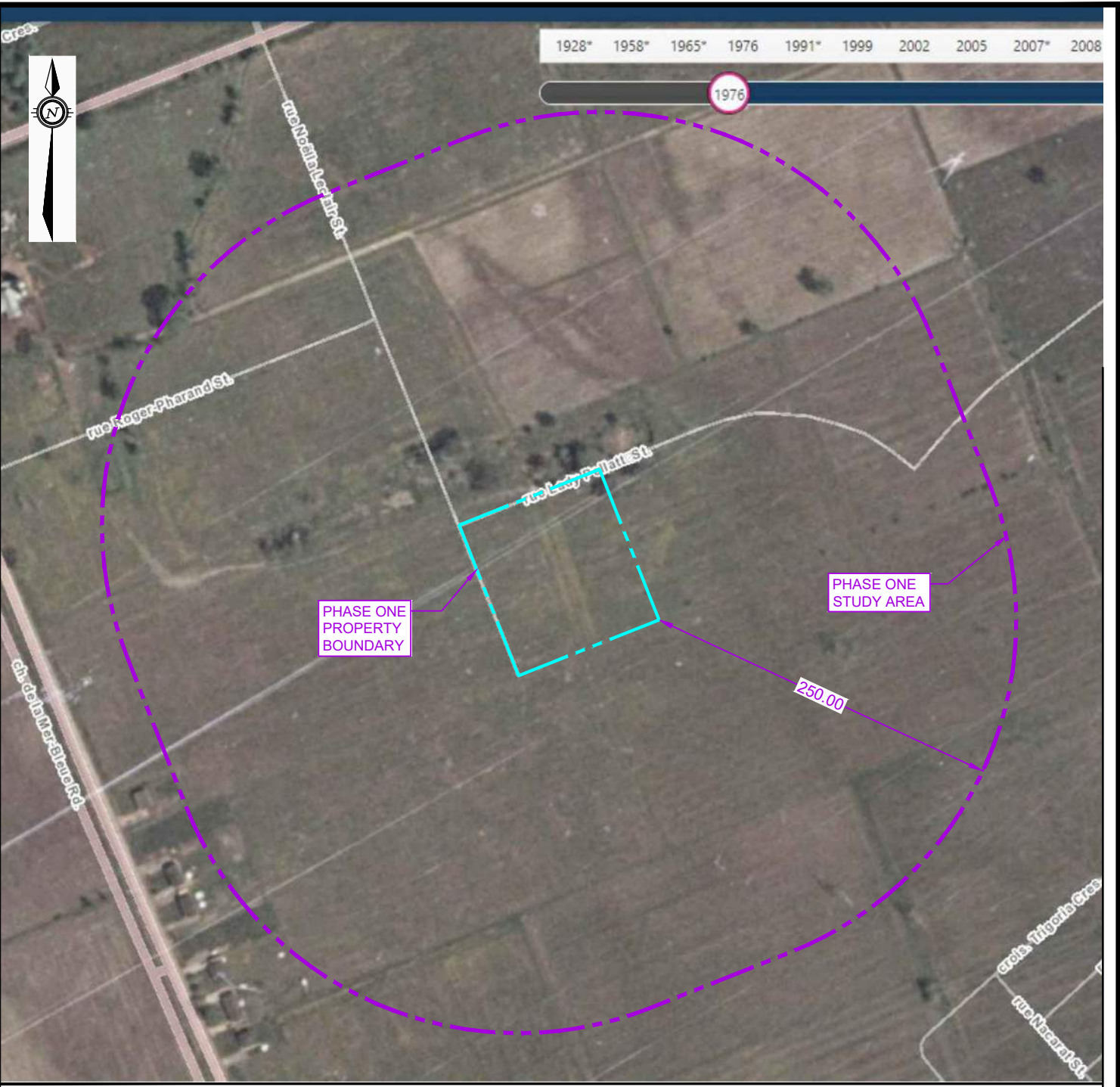
'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

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

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

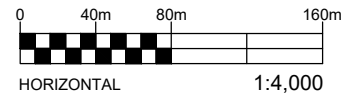
Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

Appendix F: Aerial Photographs



LEGEND

- - - PROPERTY BOUNDARY
- - - PHASE ONE STUDY AREA (250m)



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 Ottawa, ON K2B 8H6, Canada

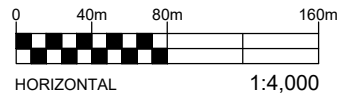
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- - - PHASE ONE STUDY AREA (250m)



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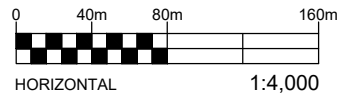
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- - - PROPERTY BOUNDARY
- - - PHASE ONE STUDY AREA (250m)



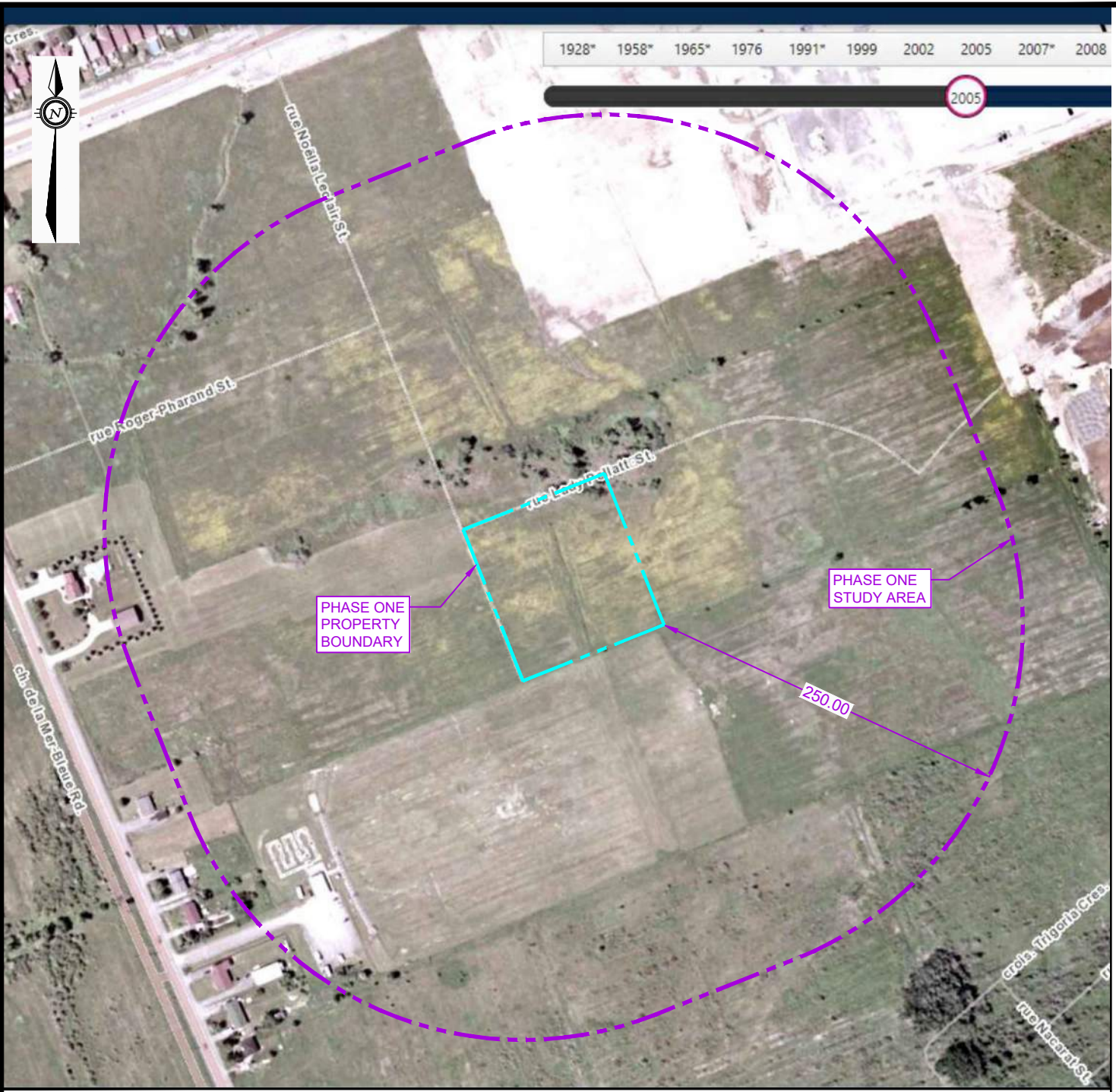
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DATE JUNE 2023		PHASE ONE ENVIRONMENTAL SITE ASSESSMENT PART OF 4200 INNES ROAD, OTTAWA, ONTARIO	project no. OTT-22012077-B0
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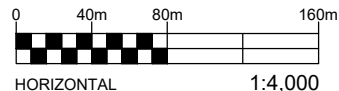
1928* 1958* 1965* 1976 1991* 1999 2002 2005 2007* 2008

2005



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- - - PHASE ONE STUDY AREA (250m)



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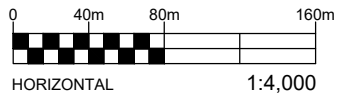
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1928* 1958* 1965* 1976 1991* 1999 2002 2005 2007* 2008



LEGEND

- - - PROPERTY BOUNDARY
- - - PHASE ONE STUDY AREA (250m)

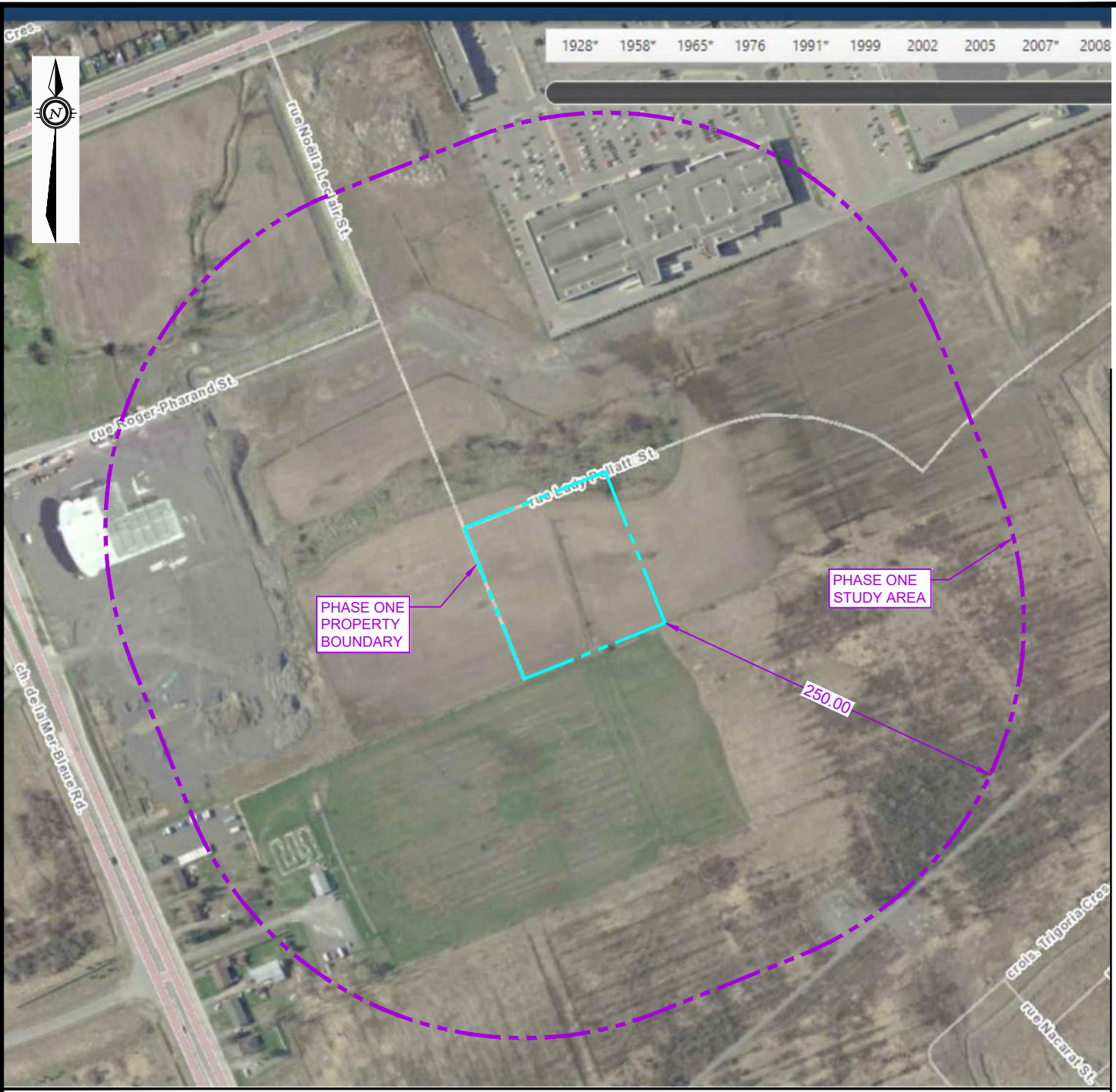


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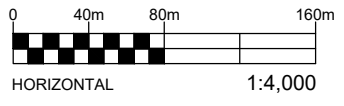
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1928* 1958* 1965* 1976 1991* 1999 2002 2005 2007* 2008



LEGEND

- - - PROPERTY BOUNDARY
- - - PHASE ONE STUDY AREA (250m)

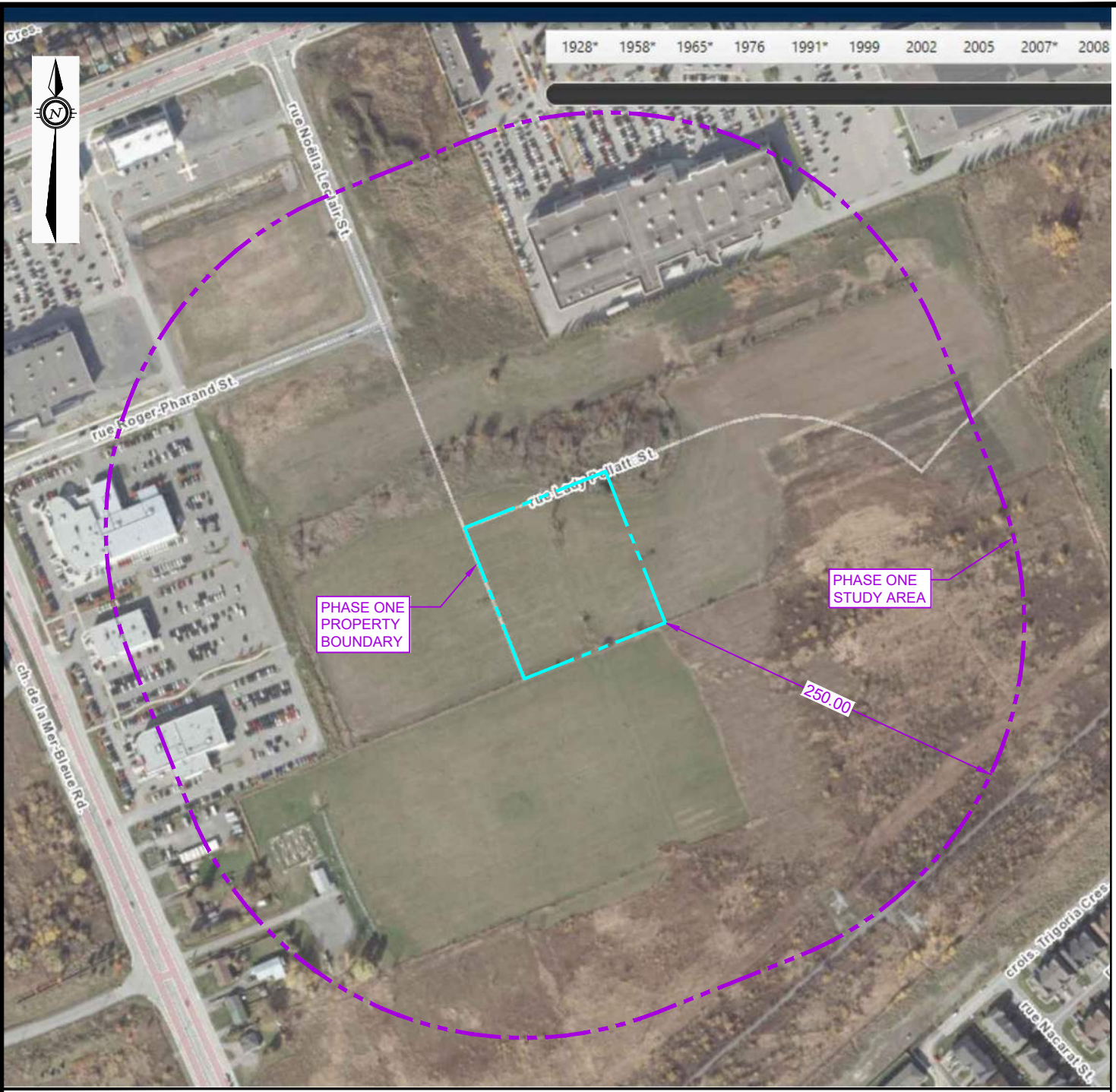


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<small>DATE</small> JUNE 2023	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT PART OF 4200 INNES ROAD, OTTAWA, ONTARIO	<small>project no.</small> OTT-22012077-B0
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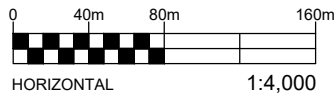
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DATE JUNE 2023		PHASE ONE ENVIRONMENTAL SITE ASSESSMENT PART OF 4200 INNES ROAD, OTTAWA, ONTARIO	project no. OTT-22012077-B0
DESIGN LW	CHECKED MM		scale 1:4,000
DRAWN BY AS		2019 AERIAL PHOTOGRAPH	FIG F-7

File name: E:\OTT\OTT-22012077-B0_60_Execution\65 Drawings\OTT-22012077-B0_Ph-1.dwg
 Last Saved: Jun 28, 2023 10:46 AM Lost Plotted: Jun 28, 2023 10:53 AM Plotted By: SeverA

Appendix G: Site Photographs



Photograph No. 1

View of the Site from the south property line, looking north.



Photograph No. 2

View of the Site from the north property line, looking south.



Photograph No. 3

View of the adjacent property to the south.



Photograph No. 4

View of the adjacent property to the west.



Photograph No. 5

View of the adjacent property to the east.



Photograph No. 6

View of the adjacent property to the north.

EXP Services Inc.

Ironclad Development Inc.

Phase One Environmental Site Assessment

Part of 4200 Innes Road, Ottawa, Ontario

OTT-22012077-A0

October 5, 2023

