



## Phase One Environmental Site Assessment

Proposed Riverside South Secondary School  
Borbridge Avenue and Brian Good Avenue, Ottawa, Ontario

**Client:**

*Conseil des écoles catholiques du Centre-est (CECCE)*  
4000 rue Labelle  
Ottawa, Ontario K1S 3S1

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Phase One Environmental Site Assessment

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## Executive Summary

EXP Services Inc. (EXP) was retained by the Conseil des écoles catholiques du Centre-est (CECCE) to complete a Phase One Environmental Site Assessment (ESA) for the property located at the southeast corner of the intersection of Borbridge Avenue and Brian Good Avenue 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.

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 to support a site plan application with the City of Ottawa.

The most recent use of the property was agricultural. It is proposed that a secondary school be constructed on the vacant property. Therefore, a Record of Site Condition (RSC) is not required because the proposed site use will not be more sensitive than the previous land use.

The Phase One property does not have a municipal address and is located on the southeast corner of the intersection of Borbridge Avenue and Brian Good Avenue in Ottawa, Ontario. The Phase One property is currently undeveloped, and tree covered. The Phase One property is roughly rectangular in shape with an area of approximately 6.01 hectares. A survey plan is provided in Appendix B.

The legal description of the Phase One property is Block 220 on Plan 4M-1641, City of Ottawa. The property identification number (PIN) for the site is 04330-3031.

Based on a review of historical aerial photographs, historical maps, and other records, it appears that the Phase One property has always been vacant. The west half of the Phase One property appears to have been used for agricultural purposes until the early late 1990s.

There are no waterbodies on the Phase One property. An unnamed tributary to the Rideau River is located approximately 540 m west of the Phase One property. The Rideau River is located approximately 1 km west of the Phase One property. The inferred groundwater flow direction is to the west towards the Rideau River.

There are no areas of natural or scientific interest (ANSI) within the Phase One study area. There are no potable water wells within the Phase One study area.

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

No potentially contaminating activities (PCA) were identified in the Phase One study area. No areas of potential environmental concern (APEC) were identified 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 as no APECs were identified.

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 the Conseil des écoles catholiques du Centre-est (CECCE) to complete a Phase One Environmental Site Assessment (ESA) for the property located at the southeast corner of the intersection of Borbridge Avenue and Brian Good Avenue 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 to support a site plan application for development of a new elementary school.

The most recent use of the property was agricultural. It is proposed that a secondary school be constructed on the vacant property. Therefore, a Record of Site Condition (RSC) is not required because 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 does not have a municipal address and is located on the southeast corner of the intersection of Borbridge Avenue and Brian Good Avenue in Ottawa, Ontario. The Phase One property is currently undeveloped and tree covered. The Phase One property is roughly rectangular in shape with an area of approximately 6.01 hectares. A survey plan is provided in Appendix B.

The legal description of the Phase One property is Block 220 on Plan 4M-1641, City of Ottawa. The property identification number (PIN) for the site is 04330-3031.

The approximate Universal Transverse Mercator (UTM) coordinates for the Phase One property are Zone 18, 445712 m E and 5012475 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. Jacques Lavictoire on behalf of the Conseil des écoles catholiques du Centre-est (CECCE). Contact information for Mr. Lavictoire is 4000, rue Labelle, Ottawa, Ontario, K1J 1A1.

The Phase One property site location and site layout are shown on Figure 1 and 2 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 institutional use. The property to the north across Borbridge Avenue is also zoned institutional. The remainder of the properties in the Phase One study area are primarily zoned for residential 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 always been vacant. The west half of the Phase One property appears to have been used for agricultural purposes until the early late 1990s.

### 3.3 Fire Insurance Plans

No fire insurance plans are 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. To date the chain of title information has not been received.

### 3.5 Environmental Reports

No relevant environmental or geotechnical reports pertaining to the Phase One property were available for review.

### 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).

A response was received from the MECP in November 2022. No records pertaining to the Phase One property were found. The MECP response is included in Appendix D.

### 3.6.2 Historical Land Use Inventory

Records pertaining to the site were requested from the City of Ottawa for the Historical Land Use Inventory (HLUI) through the *Municipal Freedom of Information and Protection of Privacy Act* (FOI). Based on the response from the City of Ottawa, no areas of interest were identified in the study area (Appendix D).

### 3.6.3 Environmental Registry

On August 22, 2022, the MECP Environmental Registry website was searched for postings in the vicinity of the Phase One property. The following records identified for properties within the Phase One study area:

- A permit to take water (PTTW) was issued in 2015 for servicing excavation associated with residential construction in the Phase One study area.

None of the records reviewed pose an environmental concern to the Site.

### 3.6.4 Environmental Access

On August 22, 2022, the MECP Environmental Access website was searched for postings within the Phase One study area. The following records were found:

- A PTTW was issued in 2015 for servicing excavation associated with residential construction in the Phase One study area.
- Several Environmental Compliance Approvals (ECAs) were issued in 2022 for the construction of sanitary and storm sewers associated with new residential construction in the Riverside South Development.

All of the records are associated with residential development in the Phase One study area and do not represent an environmental concern to the Phase One property.

### 3.6.5 Hazardous Waste Information Network

On August 22, 2022, the MECP Hazardous Waste Information Network (HWIN) website was searched for registered waste generators within the Phase One study area. No records were found.

### 3.6.6 Records of Site Condition

On August 22, 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.

### 3.6.10 Street Directories

No city directories are available for the Phase One study area.

## 3.7 EcoLog ERIS Database Search

A search of provincial and federal databases for records pertaining to the Phase One property and properties within the Phase One 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.

The following entry from the EcoLog ERIS report was reviewed and summarized below:

- The Ontario Spills database identified one record for a spill at 351 Ardmore Street (200 m west of the Phase One property). Approximately 100 L of hydraulic oil was spilled to the roadway. The spill was reported contained and cleaned. Due to the distance and down gradient location, this was not considered an environmental concern to the site.

Based on the review of the ERIS report no PCAs were identified.

## 3.8 Physical Setting Sources

### 3.8.1 Aerial Photographs

Aerial photographs dated 1976, 1991, 1999, 2005, 2014, 2017 and 2021 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
<b>1976</b>	The Phase One property and surrounding properties in the Phase One study area consist of cultivated agricultural fields, or undeveloped property. The west half of the Phase One property is agricultural, and the east half is treed.
<b>1991</b>	The Phase One property and study area appear to be similarly developed to the 1976 aerial photograph.
<b>1999</b>	The west part of the Phase One property no longer appears to be used for agricultural purposes. The Phase One study area appears to be similarly developed to the 1991 aerial photograph.
<b>2005</b>	Trees have been planted on the west part of the Phase One property. The Phase One property and study area appear to be similarly developed to the 1999 aerial photograph.
<b>2014</b>	A residential subdivision is under development to the north of the Phase One property. Brian Good Avenue has been constructed to the north of the Phase One property, and part of Borbridge Avenue is present to the west of the site. The properties to the south remain undeveloped but are no longer used for agricultural purposes.
<b>2017</b>	Significant residential construction has been completed to the north and northwest of the Phase One property. The Phase One property and properties to the south remain undeveloped.

Year	Details
2021	Additional residential development has occurred to the east and west of the Phase One property. The Phase One property remains undeveloped and treed. Borbridge Avenue has been extended along the west border of the Phase One property, and Borbridge Avenue has been extended along the north property boundary.

Based on the review of the aerial photographs, no PCAs 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](http://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](http://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 dolostone and limestone of the Oxford Formation. Native surficial soil consists of Champlain Sea clay to fine textured glaciomarine deposits. Ground surface is approximately 90 metres above sea level (masl).

### 3.8.3 Fill Materials

Based on aerial photographs, there does not appear to have been any fill material imported to the Phase One property. There are currently several minor stockpiles of soil and granular material on the southwest corner of the Phase One property, which were inferred to have been generated during residential construction activities in the Phase One study area.

Any excess fill material removed from the Site 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. An unnamed tributary to the Rideau River is located approximately 540 m west of the Phase One property. The Rideau River is located approximately 1 km west of the Phase One property. The inferred groundwater flow direction is to the west towards the Rideau 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](http://www.gisapplication.lrc.gov.on.ca/mamnh/Index.html)).

### 3.8.5 Well Records

The Ontario well records website ([www.ontario.ca/environment-and-energy/map-well-records](http://www.ontario.ca/environment-and-energy/map-well-records) water wells) was accessed. There were no well records within the Phase One study area.

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/](http://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.

Ms. Christa Jones, Assistant Development Manager for Urbandale Corporation, was contacted via telephone on August 30, 2022. Ms. Jones indicated that the property has been owned by for approximately 15 years. Ms. Jones was unaware of any environmental issues with 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 August 15, 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.

Observations of the subject property and surrounding properties were made. The site reconnaissance began at approximately 1:00 p.m. and lasted approximately ½ hour. The weather was approximately 25°C and sunny. 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 was undeveloped and treed. There are several minor soil stockpiles on the southwest corner of the Phase One property inferred to have been excess soil generated during construction activities on the adjacent residential properties.

#### 5.2.1 Buildings and Structures

There are no buildings or structures 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.

## 5.6 Fill and Debris

There are several minor soil stockpiles present on the southwest corner of the Phase One property. This material consists of excess soil generated during development activities associated with the new residential development in the Phase One study area, and granular material. These soil stockpiles are not considered a potentially contaminating activity.

## 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 therefore, 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

Vehicular access to the Phase One property is provided by from Borbridge Avenue or Brian Good Avenue.

## 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: Residential and undeveloped property;
- West: Residential and undeveloped property;
- East: Residential; and

- South: Residential.

### 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 potential contaminating activities or areas of potential environmental concern (APEC) 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, fire insurance plans and other records, it appears that the Phase One property has always been vacant. The site appears to have been used for agricultural purposes until the early 2010s.

### 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 for the Phase One property and the Phase One study area.

### 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 or structures are present on the Phase One property.

#### 6.4.2 Water Bodies and Groundwater Flow Direction

There are no waterbodies on the Phase One property. An unnamed tributary to the Rideau River is located approximately 540 m west of the Phase One property. The Rideau River is located approximately 1 km west of the Phase One property. The inferred groundwater flow direction is to the west towards the Rideau River.

#### 6.4.3 Areas of Natural Significance

There are no ANSI within the Phase One study area.

#### 6.4.4 Water Wells

There are no potable water wells within the Phase One study area.

#### 6.4.5 Potentially Contaminating Activity

No PCAs were identified in the Phase One study area.

#### 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.

#### 6.4.8 Subsurface Stratigraphy

Based on these applications, bedrock in the general area of the Phase One property consists of dolostone and sandstone of the Oxford Formation. 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.



*Conseil des écoles catholiques du Centre-est (CECCE)  
Phase One Environmental Site Assessment  
Borbridge Avenue and Brian Good Avenue, Ottawa, Ontario  
OTT-22019724-A0  
August 31, 2022*

## 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 Site 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

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- Ontario Ministry of the Environment, Conservation and Parks, *Access Environment website* ([www.accessenvironment.ene.gov.on.ca](http://www.accessenvironment.ene.gov.on.ca)).
- Ontario Ministry of the Environment, Conservation and Parks, *Environmental Registry website* ([www.ebr.gov.on.ca/ERS-WEB-External](http://www.ebr.gov.on.ca/ERS-WEB-External)).
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- 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](http://www.lrcsde.lrc.gov.on.ca)).
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- 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](http://www.gisapplication.lrc.gov.on.ca/mamnh/Index.html)).

## 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 the Conseil des écoles catholiques du Centre-est (CECCE) ("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.

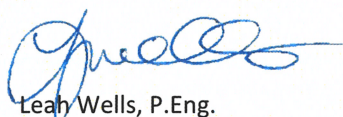
### Report Format

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.

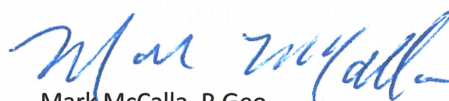
Conseil des écoles catholiques du Centre-est (CECCE)  
Phase One Environmental Site Assessment  
Borbridge Avenue and Brian Good Avenue, Ottawa, Ontario  
OTT-22019724-A0  
August 31, 2022

## 10.0 Signatures

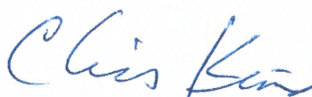
We trust this report meets your current needs. If you have any questions pertaining to the investigation undertaken by EXP, please do not hesitate to contact the undersigned. The Qualified Person can confirm that the Phase One Environmental Site Assessment was conducted per the requirements of Ontario 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



Chris T. Kimmerly, M.Sc., P.Geo.  
Manager, Environmental Services  
Earth and Environment





EXP Services Inc.

*Conseil des écoles catholiques du Centre-est (CECCE)*  
*Phase One Environmental Site Assessment*  
*Borbridge Avenue and Brian Good Avenue, Ottawa, Ontario*  
*OTT-22019724-A0*  
*August 31, 2022*

## **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.

EXP Services Inc.

*Conseil des écoles catholiques du Centre-est (CECCE)*  
*Phase One Environmental Site Assessment*  
*Borbridge Avenue and Brian Good Avenue, Ottawa, Ontario*  
*OTT-22019724-A0*  
*August 31, 2022*

## Appendix B: Survey Plan





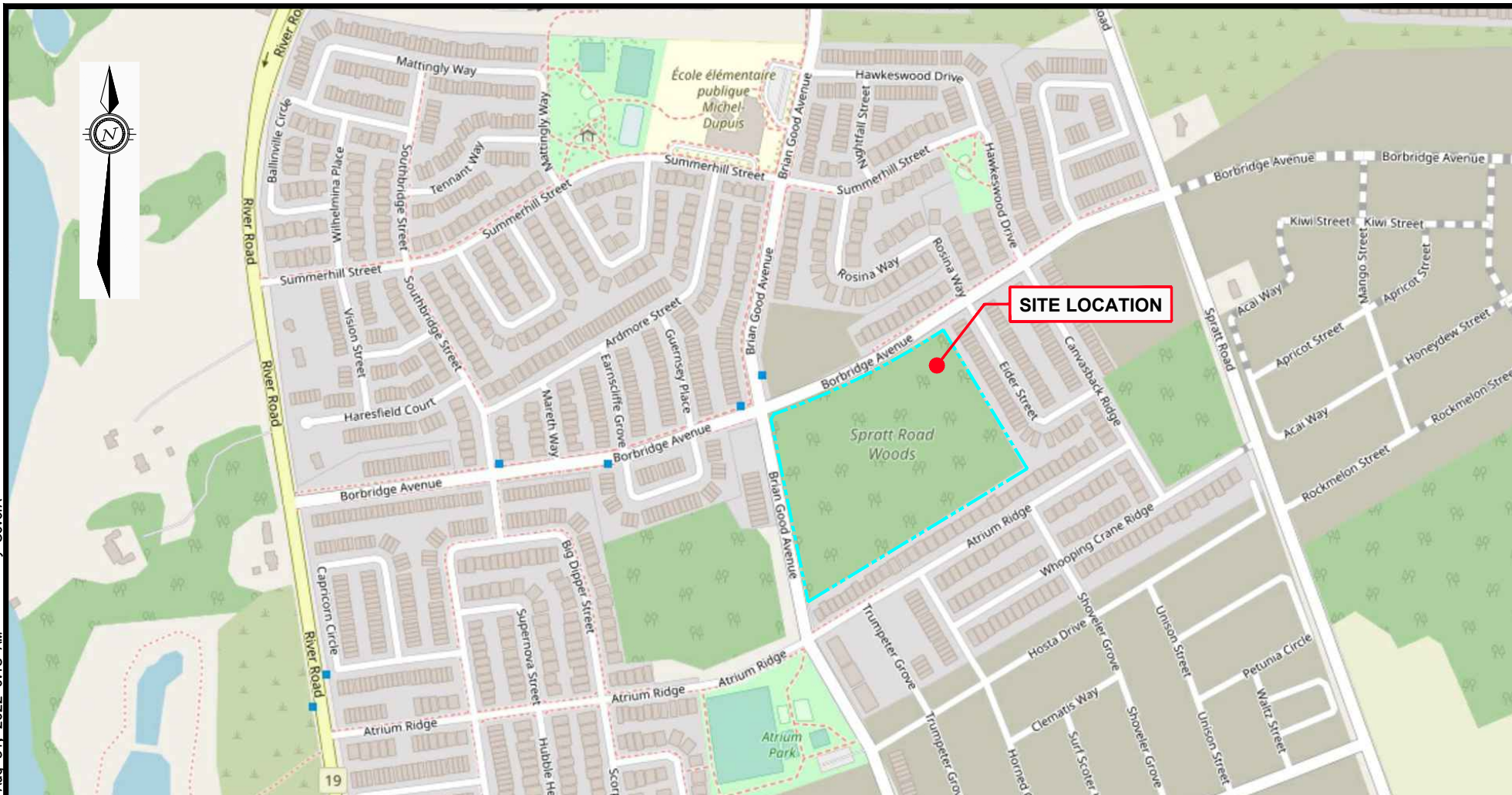


EXP Services Inc.

*Conseil des écoles catholiques du Centre-est (CECCE)*  
*Phase One Environmental Site Assessment*  
*Borbridge Avenue and Brian Good Avenue, Ottawa, Ontario*  
*OTT-22019724-A0*  
*August 31, 2022*

## Appendix C: Figures

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Last Plotted: Aug 31, 2022 9:18 AM  
Plotted by: SeverA



## LEGEND

----- PROPERTY BOUNDARY

0 50m 100m 300m  
HORIZONTAL 1:7,500



EXP Services Inc. [www.exp.com](http://www.exp.com)

t: +1.613.688.1899 | f: +1.613.225.7337  
2650 Queensview Drive, Suite 100  
Ottawa, ON K2B 8H6, Canada

DATE AUGUST 2022		CLIENT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT BORBRIDGE AVE. & BRIAN GOOD AVE. (S-E LOT), OTTAWA, ONTARIO		project no. OTT-22019724-A0
DESIGN LW	CHECKED LW	TITLE: SITE LOCATION PLAN		scale 1:7,500
DRAWN BY AS				FIG 1



Filename: E:\OTT-22019724-A0\60 Execution\65 Drawings\22019724-A0\_ph1.dwg  
Last Saved: Aug 31, 2022 10:10 AM Last Plotted: Aug 31, 2022 10:17 AM Plotted by: SeverA



LEGEND

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

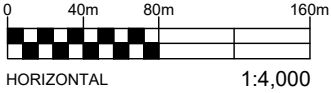


EXP Services Inc. [www.exp.com](http://www.exp.com)  
t: +1.613.688.1899 | f: +1.613.225.7337  
2650 Queensview Drive, Suite 100  
Ottawa, ON K2B 8H6, Canada

DATE	AUGUST 2022	
DESIGN	LW	CHECKED LW
DRAWN BY	AS	

CLIENT:	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT BORBRIDGE AVE. & BRIAN GOOD AVE. (S-E LOT), OTTAWA, ONTARIO	
TITLE:	PHASE ONE STUDY AREA	

project no.	OTT-22019724-A0
scale	1:4,000
FIG 2	





EXP Services Inc.

*Conseil des écoles catholiques du Centre-est (CECCE)*  
*Phase One Environmental Site Assessment*  
*Borbridge Avenue and Brian Good Avenue, Ottawa, Ontario*  
*OTT-22019724-A0*  
*August 31, 2022*

## **Appendix D: Fire Insurance Plans, Title Search, Municipal Records & Provincial Records**

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

Access and Privacy Office

12<sup>th</sup> 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<sup>e</sup> étage  
40, avenue St. Clair ouest  
Toronto ON M4V 1M2  
Tél. : (416) 314-4075



November 17, 2022

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-2022-07891, Your Reference OTT-22019724-A0 – 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 675 Borbridge Avenue, 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

Ryan Gunn  
Manager (A), Access and Privacy Office



File Number: D06-03-22-0173

December 23, 2022

Leah Wells  
EXP Service Inc  
100-2650 Queensview Drive, Ottawa

*Sent via email [leah.wells@exp.com]*

Dear Leah Wells,

**Re: Information Request  
675 Borbridge Avenue, 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:

- **Disposals and Environmental Remediation Unit:** The City's Environmental Remediation Unit has environmental records on file pertaining to the subject property noted above either directly on or adjacent to the subject property. To submit requests for information under the Municipal Freedom of Information and Protection of Privacy Act, please visit <https://ottawa.ca/en/city-hall/accountabilityand-transparency/accountability-framework/freedom-information-and-protectionprivacy/access-information>

**Documents Provided:**

**Excel**

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

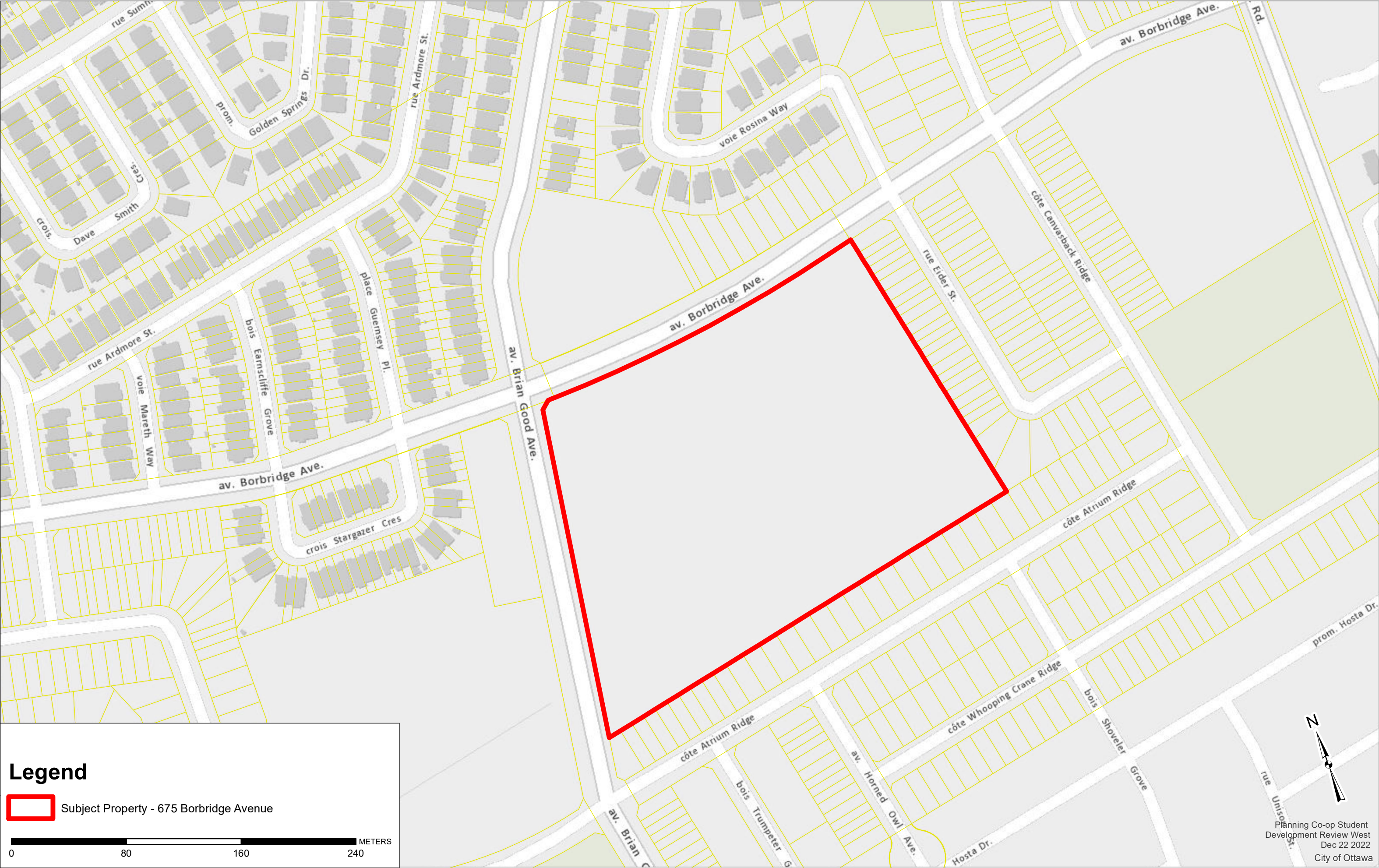
For more information on how to interpret the HLUI data identified in the attached excel sheet ('ADDRESS – HLUI Summary report.xlsx'), please refer to the ["Overview and User Guide"](#).

**Additional information may be obtained by contacting:**


**Ontario's Environmental Registry**



HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP



Legend

 Subject Property - 675 Borbridge Avenue

0 80 160 240 METERS



The Environmental Registry found at <http://www.ebr.gov.on.ca/ERS-WEB-External/> 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

**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 Insert Your Name at 613-580-2424 ext. Insert Your Extension or [HLUI@ottawa.ca](mailto:HLUI@ottawa.ca)

Sincerely,



**Ashvinya Moorthy (She/Her)**

Student Planner | Étudiante en Urbanism

Development Review West | Examen des projects d'aménagement Ouest

City of Ottawa | Ville d'Ottawa

613-580-2424 Ext. 23569

[Ashvinyamoorthy.thatchinamoorthy@ottawa.ca](mailto:Ashvinyamoorthy.thatchinamoorthy@ottawa.ca)

Per:

Michael Boughton, MCIP, RPP

Senior Planner

Development Review East

Planning Services

Planning, Infrastructure and Economic Development Department

MB / AM

Enclosures.

cc: File no. D06-03-22-0173

EXP Services Inc.

*Conseil des écoles catholiques du Centre-est (CECCE)*  
*Phase One Environmental Site Assessment*  
*Borbridge Avenue and Brian Good Avenue, Ottawa, Ontario*  
*OTT-22019724-A0*  
*August 31, 2022*

## Appendix E: EcoLog ERIS Report



# DATABASE REPORT

<b>Project Property:</b>	<i>Phase One ESA Borbridge Ave and Brian Good Ave Ottawa ON</i>
<b>Project No:</b>	<i>OTT-22019724-A0_100_Leah.Wells</i>
<b>Report Type:</b>	<i>Standard Report</i>
<b>Order No:</b>	<i>22082202826</i>
<b>Requested by:</b>	<i>exp Services Inc.</i>
<b>Date Completed:</b>	<i>August 25, 2022</i>

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## **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.

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# Executive Summary

## Property Information:

**Project Property:** *Phase One ESA  
Borbridge Ave and Brian Good Ave Ottawa ON*

**Project No:** *OTT-22019724-A0\_100\_Leah.Wells*

## **Coordinates:**

**Latitude:** *45.2646444*  
**Longitude:** *-75.6925629*  
**UTM Northing:** *5,012,582.99*  
**UTM Easting:** *445,667.32*  
**UTM Zone:** *18T*

**Elevation:** *298 FT  
90.88 M*

## Order Information:

**Order No:** *22082202826*  
**Date Requested:** *August 22, 2022*  
**Requested by:** *exp Services Inc.*  
**Report Type:** *Standard Report*

## Historical/Products:

**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 &amp; Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	0	0
CA	<i>Certificates of Approval</i>	Y	0	0	0
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	0	0
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	1	1
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 &amp; Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	0	0
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 &amp; Northern Affairs Fuel Tanks</i>	Y	0	0	0

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

# Executive Summary: Site Report Summary - Project Property

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



## Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<a href="#"><u>1</u></a>	EHS		4650 Spratt Rd Ottawa ON K4M1B2	SW/220.6	-0.95	<a href="#"><u>12</u></a>
<a href="#"><u>2</u></a>	SPL	Miller Waste Systems Inc.	Ottawa ON	W/238.1	-2.00	<a href="#"><u>12</u></a>

# Executive Summary: Summary By Data Source

## **EHS - ERIS Historical Searches**

A search of the EHS database, dated 1999-Mar 31, 2022 has found that there are 1 EHS site(s) within approximately 0.25 kilometers of the project property.

<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
	4650 Spratt Rd Ottawa ON K4M1B2	SW	220.59	<a href="#"><u>1</u></a>

## **SPL - Ontario Spills**

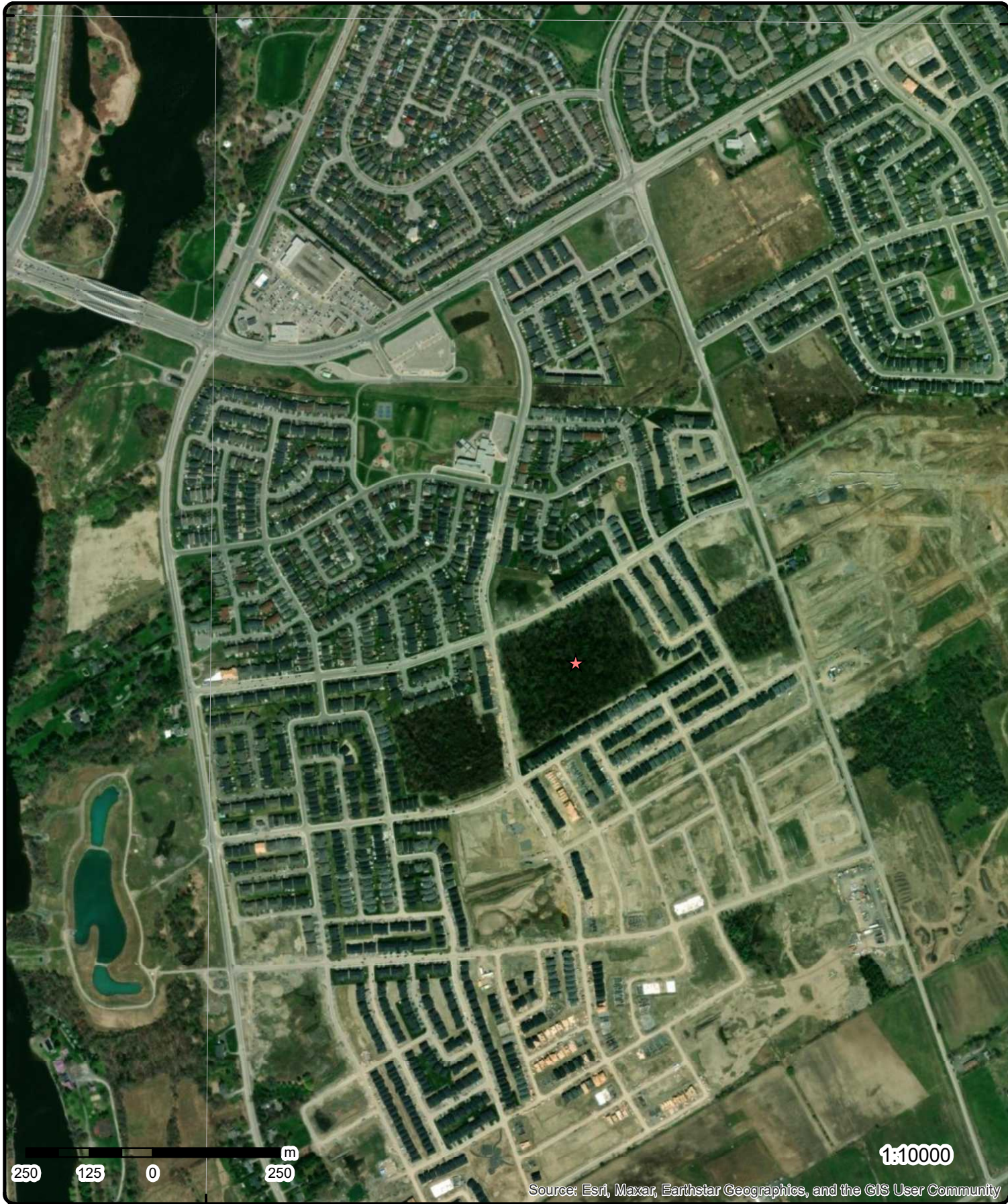
A search of the SPL database, dated 1988-Sep 2020; Dec 2020-Mar 2021 has found that there are 1 SPL site(s) within approximately 0.25 kilometers of the project property.

<b><u>Lower Elevation</u></b>	<b><u>Address</u></b>	<b><u>Direction</u></b>	<b><u>Distance (m)</u></b>	<b><u>Map Key</u></b>
Miller Waste Systems Inc.	Ottawa ON	W	238.08	<a href="#"><u>2</u></a>

45° 16' 30" N

75° 42' W

45° 16' 30" N



**Aerial** Year: 2022

Order Number: 22082202826

Address: Borbridge Ave and Brian Good Ave, Ottawa, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership



75°42'W

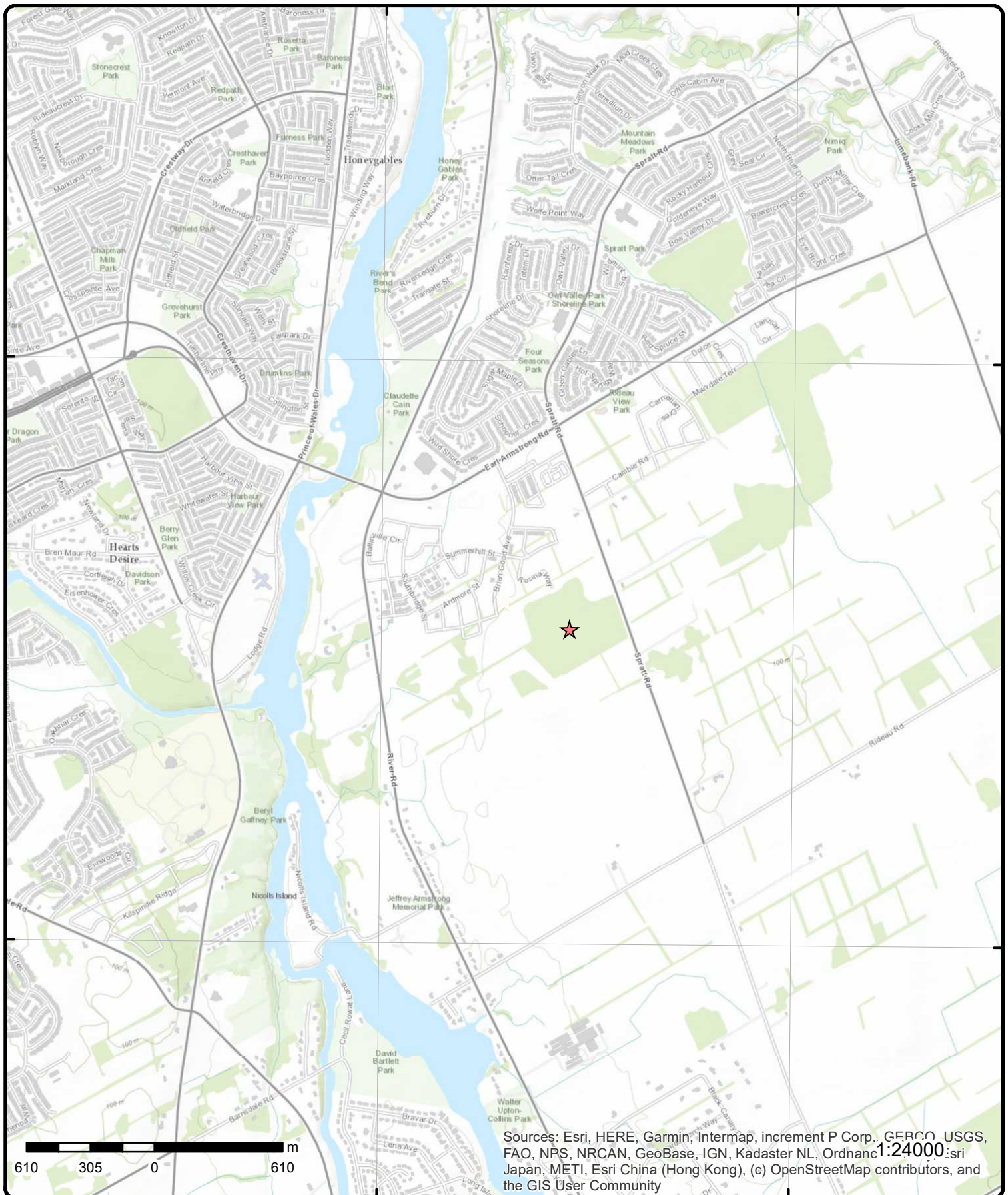
75°40'30"W

45°16'30"N

45°16'30"N

45°15'N

45°15'N



# Topographic Map

Order Number: 22082202826

Address: Borbridge Ave and Brian Good Ave, ON

Source: ESRI World Topographic Map



© ERIS Information Limited Partnership

# Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<a href="#">1</a>	1 of 1	SW/220.6	89.9 / -0.95	4650 Spratt Rd Ottawa ON K4M1B2	EHS
<div> <div> <b>Order No:</b> 20130819016  <b>Status:</b> C  <b>Report Type:</b> Custom Report  <b>Report Date:</b> 27-AUG-13  <b>Date Received:</b> 19-AUG-13  <b>Previous Site Name:</b>  <b>Lot/Building Size:</b> Approx. 4 acres  <b>Additional Info Ordered:</b> Fire Insur. Maps and/or Site Plans </div> <div> <b>Nearest Intersection:</b>  <b>Municipality:</b> Ottawa, Ontario  <b>Client Prov/State:</b> ON  <b>Search Radius (km):</b> .25  <b>X:</b> -75.69451  <b>Y:</b> 45.263212 </div> </div>					
<a href="#">2</a>	1 of 1	W/238.1	88.9 / -2.00	Miller Waste Systems Inc.  Ottawa ON	SPL
<div> <div> <b>Ref No:</b> 5587-B64UZE  <b>Site No:</b> NA  <b>Incident Dt:</b> 2018/11/01  <b>Year:</b>  <b>Incident Cause:</b>  <b>Incident Event:</b> Leak/Break  <b>Contaminant Code:</b> 15  <b>Contaminant Name:</b> HYDRAULIC OIL  <b>Contaminant Limit 1:</b>  <b>Contam Limit Freq 1:</b>  <b>Contaminant UN No 1:</b> n/a  <b>Environment Impact:</b>  <b>Nature of Impact:</b>  <b>Receiving Medium:</b>  <b>Receiving Env:</b> Land  <b>MOE Response:</b> No  <b>Dt MOE Arvl on Scn:</b>  <b>MOE Reported Dt:</b> 2018/11/01  <b>Dt Document Closed:</b> 2018/11/06  <b>Incident Reason:</b> Equipment Failure  <b>Site Name:</b> 351 Ardmore St&lt;UNOFFICIAL&gt;  <b>Site County/District:</b>  <b>Site Geo Ref Meth:</b>  <b>Incident Summary:</b> Miller Waste Systems: 100 liters hydraulic oil to road, cntd, clng  <b>Contaminant Qty:</b> 100 L </div> <div> <b>Discharger Report:</b>  <b>Material Group:</b>  <b>Health/Env Conseq:</b> 2 - Minor Environment  <b>Client Type:</b> Corporation  <b>Sector Type:</b> Miscellaneous Communal  <b>Agency Involved:</b>  <b>Nearest Watercourse:</b>  <b>Site Address:</b>  <b>Site District Office:</b> Ottawa  <b>Site Postal Code:</b>  <b>Site Region:</b> Eastern  <b>Site Municipality:</b> Ottawa  <b>Site Lot:</b>  <b>Site Conc:</b>  <b>Northing:</b> 5012602.42  <b>Easting:</b> 445430.03  <b>Site Geo Ref Accu:</b>  <b>Site Map Datum:</b>  <b>SAC Action Class:</b> Primary Assessment of Spills  <b>Source Type:</b> Motor Vehicle </div> </div>					

# Unplottable Summary

Total: 3 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Taggart Investments Inc.	Part of Lot 23, Concession 1, formerly Geographic Township of Cumberland	Ottawa ON	
LIMO		Lot 23 Concession 1 ON OTTAWA RIVER NEPEAN Ottawa	ON	
WWIS		lot 21 con 1	ON	

# Unplottable Report

**Site:** Taggart Investments Inc.  
Part of Lot 23, Concession 1, formerly Geographic Township of Cumberland Ottawa ON

**Database:**  
CA

**Certificate #:** 5894-6G6MVY  
**Application Year:** 2005  
**Issue Date:** 9/26/2005  
**Approval Type:** Municipal and Private Sewage Works  
**Status:** Approved  
**Application Type:**  
**Client Name:**  
**Client Address:**  
**Client City:**  
**Client Postal Code:**  
**Project Description:**  
**Contaminants:**  
**Emission Control:**

**Site:** Lot 23 Concession 1 ON OTTAWA RIVER NEPEAN Ottawa ON

**Database:**  
LIMO

<b>ECA/Instrument No:</b>	X1007	<b>Natural Attenuation:</b>
<b>Operation Status:</b>	Historic	<b>Liners:</b>
<b>C of A Issue Date:</b>		<b>Cover Material:</b>
<b>C of A Issued to:</b>		<b>Leachate Off-Site:</b>
<b>Lndfl Gas Mgmt (P):</b>		<b>Leachate On Site:</b>
<b>Lndfl Gas Mgmt (F):</b>		<b>Req Coll Lndfl Gas:</b>
<b>Lndfl Gas Mgmt (E):</b>		<b>Lndfl Gas Coll:</b>
<b>Lndfl Gas Mgmt Sys:</b>		<b>Total Waste Rec:</b>
<b>Landfill Gas Mntr:</b>		<b>TWR Methodology:</b>
<b>Leachate Coll Sys:</b>		<b>TWR Unit:</b>
<b>ERC Est Vol (m3):</b>		<b>Tot Aprv Cap Unit:</b>
<b>ERC Volume Unit:</b>		<b>Financial Assurance:</b>
<b>ERC Dt Last Det:</b>		<b>Last Report Year:</b>
<b>Landfill Type:</b>		<b>Region:</b>
<b>Source File Type:</b>	Historic and Closed Landfills	<b>District Office:</b>
<b>Fill Rate:</b>		<b>Site County:</b>
<b>Fill Rate Unit:</b>		<b>Lot:</b>
<b>Tot Fill Area (ha):</b>		<b>Concession:</b>
<b>Tot Site Area (ha):</b>		<b>Latitude:</b>
<b>Footprint:</b>		<b>Longitude:</b>
<b>Tot Aprv Cap (m3):</b>		<b>Easting:</b>
<b>Contam Atten Zone:</b>		<b>Northing:</b>
<b>Grndwtr Mntr:</b>		<b>UTM Zone:</b>
<b>Surf Wtr Mntr:</b>		<b>Data Source:</b>
<b>Air Emis Monitor:</b>		
<b>Approved Waste Type:</b>		
<b>Client Site Name:</b>		
<b>ERC Methodology:</b>		
<b>Site Name:</b>		
<b>Site Location Details:</b>	Lot 23 Concession 1 ON OTTAWA RIVER NEPEAN	
	Ottawa	
<b>Service Area:</b>		
<b>Page URL:</b>		

**Site:** lot 21 con 1 ON

**Database:**  
WWIS

**Well ID:** 1531407  
**Construction Date:**  
**Use 1st:** Domestic  
**Use 2nd:**  
**Final Well Status:** Water Supply  
**Water Type:**  
**Casing Material:**  
**Audit No:** 220943  
**Tag:**  
**Constructn Method:**  
**Elevation (m):**  
**Elevatn Reliabilty:**  
**Depth to Bedrock:**  
**Well Depth:**  
**Overburden/Bedrock:**  
**Pump Rate:**  
**Static Water Level:**  
**Clear/Cloudy:**  
**Municipality:** GLOUCESTER TOWNSHIP  
**Site Info:**

**Flowing (Y/N):**  
**Flow Rate:**  
**Data Entry Status:**  
**Data Src:** 1  
**Date Received:** 18-Oct-2000 00:00:00  
**Selected Flag:** TRUE  
**Abandonment Rec:**  
**Contractor:** 1558  
**Form Version:** 1  
**Owner:**  
**County:** OTTAWA  
**Lot:** 021  
**Concession:** 01  
**Concession Name:** CON  
**Easting NAD83:**  
**Northing NAD83:**  
**Zone:**  
**UTM Reliability:**

#### Bore Hole Information

**Bore Hole ID:** 10052941  
**DP2BR:**  
**Spatial Status:**  
**Code OB:**  
**Code OB Desc:**  
**Open Hole:**  
**Cluster Kind:**  
**Date Completed:** 27-Sep-2000 00:00:00  
**Remarks:**  
**Elevrc Desc:**  
**Location Source Date:**  
**Improvement Location Source:**  
**Improvement Location Method:**  
**Source Revision Comment:**  
**Supplier Comment:**

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

#### Overburden and Bedrock

##### Materials Interval

**Formation ID:** 931078402  
**Layer:** 2  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 05  
**Most Common Material:** CLAY  
**Mat2:** 81  
**Mat2 Desc:** SANDY  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 12.0  
**Formation End Depth:** 32.0  
**Formation End Depth UOM:** ft

#### Overburden and Bedrock

##### Materials Interval

**Formation ID:** 931078401  
**Layer:** 1  
**Color:** 6  
**General Color:** BROWN  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:**



**Mat2 Desc:**  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 0.0  
**Formation End Depth:** 12.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931078403  
**Layer:** 3  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 28  
**Most Common Material:** SAND  
**Mat2:** 12  
**Mat2 Desc:** STONES  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 32.0  
**Formation End Depth:** 58.0  
**Formation End Depth UOM:** ft

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

**Formation ID:** 931078404  
**Layer:** 4  
**Color:** 2  
**General Color:** GREY  
**Mat1:** 15  
**Most Common Material:** LIMESTONE  
**Mat2:** 73  
**Mat2 Desc:** HARD  
**Mat3:**  
**Mat3 Desc:**  
**Formation Top Depth:** 58.0  
**Formation End Depth:** 150.0  
**Formation End Depth UOM:** ft

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

**Plug ID:** 933116576  
**Layer:** 1  
**Plug From:** 40.0  
**Plug To:** 0.0  
**Plug Depth UOM:** ft

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

**Method Construction ID:** 961531407  
**Method Construction Code:** 4  
**Method Construction:** Rotary (Air)  
**Other Method Construction:**

**Pipe Information**

**Pipe ID:** 10601511  
**Casing No:** 1  
**Comment:**  
**Alt Name:**

**Construction Record - Casing**

**Casing ID:** 930092628  
**Layer:** 1  
**Material:** 1  
**Open Hole or Material:** STEEL  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Construction Record - Casing**

**Casing ID:** 930092629  
**Layer:** 2  
**Material:** 4  
**Open Hole or Material:** OPEN HOLE  
**Depth From:**  
**Depth To:**  
**Casing Diameter:** 6.0  
**Casing Diameter UOM:** inch  
**Casing Depth UOM:** ft

**Results of Well Yield Testing**

**Pump Test ID:** 991531407  
**Pump Set At:**  
**Static Level:** 32.0  
**Final Level After Pumping:** 75.0  
**Recommended Pump Depth:** 125.0  
**Pumping Rate:** 6.0  
**Flowing Rate:**  
**Recommended Pump Rate:** 5.0  
**Levels UOM:** ft  
**Rate UOM:** GPM  
**Water State After Test Code:** 2  
**Water State After Test:** CLOUDY  
**Pumping Test Method:** 1  
**Pumping Duration HR:** 1  
**Pumping Duration MIN:**  
**Flowing:** No

**Draw Down & Recovery**

**Pump Test Detail ID:** 934396059  
**Test Type:** Draw Down  
**Test Duration:** 30  
**Test Level:** 100.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934113555  
**Test Type:** Draw Down  
**Test Duration:** 15  
**Test Level:** 75.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934657550  
**Test Type:** Draw Down  
**Test Duration:** 45  
**Test Level:** 125.0  
**Test Level UOM:** ft

**Draw Down & Recovery**

**Pump Test Detail ID:** 934914441  
**Test Type:** Draw Down  
**Test Duration:** 60  
**Test Level:** 145.0  
**Test Level UOM:** ft

**Water Details**

**Water ID:** 933491849  
**Layer:** 2  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 142.0  
**Water Found Depth UOM:** ft

**Water Details**

**Water ID:** 933491848  
**Layer:** 1  
**Kind Code:** 5  
**Kind:** Not stated  
**Water Found Depth:** 69.0  
**Water Found Depth UOM:** ft

## Appendix: Database Descriptions

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

### **Abandoned Aggregate Inventory:**

Provincial

[AAGR](#)

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

**Government Publication Date: Sept 2002\***

### **Aggregate Inventory:**

Provincial

[AGR](#)

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-May 31, 2022**

### **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 2020**

**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-May 31, 2022**

**Compressed Natural Gas Stations:**Private [CNG](#)

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

**Government Publication Date: Dec 2012 -Apr 2022**

**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-Jun 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 - Jun 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- Jun 30, 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 - Jun 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- Jun 30, 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-Mar 31, 2022**

**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 ERIIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

**Government Publication Date:** Dec 31, 2016

**Environmental Penalty Annual Report:**

Provincial

EPAR

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

**Government Publication Date:** Jan 1, 2011 - Dec 31, 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-Jun 2022

**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-Apr 30, 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 CO<sub>2</sub> 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: Mar 21, 2022**

**Canadian Mine Locations:**

Private

MINE

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

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

**Mineral Occurrences:**

Provincial

MNR

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

**Government Publication Date: 1846-Feb 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](http://www.nickles.com).

**Government Publication Date: 1988-May 31, 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 - Jun 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- Jun 30, 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 is an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

**Government Publication Date:** Feb 28, 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 - Jun 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-Jun 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-May 31, 2022

**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, 2020**

**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- Jun 30, 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: Jan 31, 2022**

# 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.

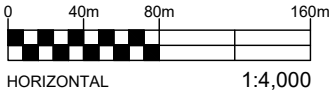
EXP Services Inc.

*Conseil des écoles catholiques du Centre-est (CECCE)*  
*Phase One Environmental Site Assessment*  
*Borbridge Avenue and Brian Good Avenue, Ottawa, Ontario*  
*OTT-22019724-A0*  
*August 31, 2022*

## Appendix F: Aerial Photographs



Filename: E:\OTT\OTT-22019724-A0\60\_Execution\65 Drawings\22019724-A0 Appendix.dwg  
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LEGEND

- PROPERTY BOUNDARY
- STUDY AREA (250m)



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Ottawa, ON K2B 8H6, Canada

DATE AUGUST 2022		CLIENT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT BORBRIDGE AVE. & BRIAN GOOD AVE. (S-E LOT), OTTAWA, ONTARIO	project no. OTT-22019724-A0
DESIGN LW	CHECKED LW		scale 1:4,000
DRAWN BY AS			FIG F-1
		TITLE: 1976 AERIAL PHOTOGRAPH	

1976 AERIAL PHOTOGRAPH



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LEGEND

- PROPERTY BOUNDARY
- STUDY AREA (250m)



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DATE	AUGUST 2022	
DESIGN	LW	CHECKED LW
DRAWN BY	AS	

CLIENT:	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT BORBRIDGE AVE. & BRIAN GOOD AVE. (S-E LOT), OTTAWA, ONTARIO	
TITLE:	1991 AERIAL PHOTOGRAPH	

project no.	OTT-22019724-A0
scale	1:4,000
FIG F-2	



Filename: E:\OTT\OTT-22019724-A0\60\_Execution\65 Drawings\22019724-A0 Appendix.dwg  
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LEGEND

- PROPERTY BOUNDARY
- STUDY AREA (250m)



EXP Services Inc. [www.exp.com](http://www.exp.com)

t: +1.613.688.1899 | f: +1.613.225.7337  
2650 Queensview Drive, Suite 100  
Ottawa, ON K2B 8H6, Canada

DATE	AUGUST 2022
DESIGN	LW
CHECKED	LW
DRAWN BY	AS

CLIENT:	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT BORBRIDGE AVE. & BRIAN GOOD AVE. (S-E LOT), OTTAWA, ONTARIO
TITLE:	1999 AERIAL PHOTOGRAPH

project no.	OTT-22019724-A0
scale	1:4,000
FIG F-3	



Filename: E:\OTT\OTT-22019724-A0\60\_Execution\65 Drawings\22019724-A0 Appendix.dwg  
Last Saved: Aug 31, 2022 10:18 AM Last Plotted: Aug 31, 2022 10:18 AM Plotted by: Severa



LEGEND

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DATE	AUGUST 2022	
DESIGN	LW	CHECKED LW
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CLIENT:	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT BORBRIDGE AVE. & BRIAN GOOD AVE. (S-E LOT), OTTAWA, ONTARIO	
TITLE:	2005 AERIAL PHOTOGRAPH	

project no.	OTT-22019724-A0
scale	1:4,000
FIG F-4	



Filename: E:\OTT\OTT-22019724-A0\60\_Execution\65 Drawings\22019724-A0 Appendix.dwg  
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LEGEND

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DATE	AUGUST 2022	
DESIGN	CHECKED	LW
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CLIENT:	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT BORBRIDGE AVE. & BRIAN GOOD AVE. (S-E LOT), OTTAWA, ONTARIO	
TITLE:	2014 AERIAL PHOTOGRAPH	

project no.	OTT-22019724-A0
scale	1:4,000
FIG F-5	



Filename: E:\OTT\OTT-22019724-A0\60\_Execution\65 Drawings\22019724-A0 Appendix.dwg  
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2650 Queensview Drive, Suite 100  
Ottawa, ON K2B 8H6, Canada

DATE	AUGUST 2022
DESIGN	LW
CHECKED	LW
DRAWN BY	AS

CLIENT:	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT BORBRIDGE AVE. & BRIAN GOOD AVE. (S-E LOT), OTTAWA, ONTARIO
TITLE:	2017 AERIAL PHOTOGRAPH

project no.	OTT-22019724-A0
scale	1:4,000
	FIG F-6



Filename: E:\OTT\OTT-22019724-A0\60\_Execution\65 Drawings\22019724-A0 Appendix.dwg  
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LEGEND

- PROPERTY BOUNDARY
- STUDY AREA (250m)



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2650 Queensview Drive, Suite 100  
Ottawa, ON K2B 8H6, Canada

DATE	AUGUST 2022	
DESIGN	LW	CHECKED LW
DRAWN BY	AS	

CLIENT:	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT BORBRIDGE AVE. & BRIAN GOOD AVE. (S-E LOT), OTTAWA, ONTARIO	
TITLE:	2021 AERIAL PHOTOGRAPH	

project no.	OTT-22019724-A0
scale	1:4,000
FIG F-7	



EXP Services Inc.

*Conseil des écoles catholiques du Centre-est (CECCE)*  
*Phase One Environmental Site Assessment*  
*Borbridge Avenue and Brian Good Avenue, Ottawa, Ontario*  
*OTT-22019724-A0*  
*August 31, 2022*

## Appendix G: Site Photographs



**Photograph No. 1**

View of the northeast part of the Site looking west.



**Photograph No. 2**

View of the southwest part of the Site looking north.



**Photograph No. 3**

View of the fill piles at the southwest corner of the Site.



**Photograph No. 4**

View of the north part of the Site looking south.



**Photograph No. 5**

View of the residential properties to the north.



**Photograph No. 6**

View of the adjacent residential properties to the south.