



Phase One Environmental Site Assessment
Proposed Classroom Addition – Mer Bleu Catholic School
6401 Renaud Road, Ottawa, Ontario

Client:

Conseil des écoles catholiques du Centre-est (CECCE)
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Prepared By:

Leah Wells, P.Eng.

Reviewed By:

Mark McCalla, P.Geo.

EXP Services Inc.

100-2650 Queensview Drive

Ottawa, Ontario K2B 8H6

t: +1.613.688.1899

f: +1.613.225.7337

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*Conseil des écoles catholiques du Centre-est (CECCE)
Phase One Environmental Site Assessment
Part 6401 Renaud Road, Ottawa, Ontario
OTT-22024490-A0
November 4, 2022*

Legal Notification

This report was prepared by EXP Services Inc. for the account of the **Conseil des écoles catholiques du Centre-Est**.

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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 part of the property located at 6401 Renaud Road in Ottawa, Ontario hereinafter referred to as the 'Phase One property'. At the time of the investigation, the Phase One property consisted of a vacant area on the north side of the Collège catholique Mer Bleu building.

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 for the construction of an addition on a vacant parcel of land on the north side of the existing Collège catholique Mer Bleu building. A Record of Site Condition (RSC) is not required.

The Phase One property is part of the larger parcel with the municipal address 6401 Renaud Road, located on the northeast corner of the intersection of Renaud Road and Fern Casey Street in Ottawa, Ontario. The Phase One property consists of a vacant area on the north side of the Collège catholique Mer Bleu building.

The Phase One property is part of a larger property with the legal description Part of Lots 2 and 3, Concession 3, Ottawa Front, Gloucester, being Part 1 on Plan 4R27554, City of Ottawa, and the property identification number (PIN) 04404-0937. The Phase One property is roughly rectangular in shape with an area of approximately 0.1 hectares.

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 Phase One property appears to have been used for agricultural purposes until the 1970s. The Collège catholique Mer Bleu was constructed at 6401 Renaud Road, adjacent to the Phase One property, in 2015.

There are no waterbodies on the Phase One property. An unnamed tributary to Mud Creek is located approximately 60 m northwest of the Phase One property. Mud Creek flows to Green's Creek approximately 6 km to the west of the site. The inferred groundwater flow direction is to the northwest.

There are no areas of natural or scientific interest (ANSI) within the Phase One study area. The Mer Bleue Bog is located approximately 1.5 km to the south of the Phase One property.

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 part of the property located at 6401 Renaud Road in Ottawa, Ontario hereinafter referred to as the 'Phase One property'. At the time of the investigation, the Phase One property consisted of a vacant area on the north side of the Collège catholique Mer Bleu building.

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 the construction of an addition on a vacant parcel of land on the north side of the existing Collège catholique Mer Bleu building. A Record of Site Condition (RSC) is not required.

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

1.2 Phase One Property Information

The Phase One property is part of the larger parcel with the municipal address 6401 Renaud Road, located on the northeast corner of the intersection of Renaud Road and Fern Casey Street in Ottawa, Ontario. The Phase One property consists of a vacant area on the north side of the Collège catholique Mer Bleu building.

The Phase One property is part of a larger property with the legal description Part of Lots 2 and 3, Concession 3, Ottawa Front, Gloucester, being Part 1 on Plan 4R27554, City of Ottawa, and the property identification number (PIN) 04404-0937. The Phase One property is roughly rectangular in shape with an area of approximately 0.1 hectares.

The approximate Universal Transverse Mercator (UTM) coordinates for the Phase One property are Zone 18, 460451 m E and 5031526 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.

A survey plan is provided in Appendix B. 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 and the entirety of the property at 6401 Renaud Road are zoned for institutional use. The properties to the north, east and west are zoned for residential use. The properties to the south across Renaud Road are zoned development reserve.

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 Phase One property appears to have been used for agricultural purposes until the 1970s. The Collège catholique Mer Bleu was constructed at 6401 Renaud Road, adjacent to the Phase One property, in 2015.

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 search was conducted as part of the Phase One ESA completed in 2013. The Phase One property was formerly part of a larger parcel of land that was owned by the Hydro-Electric Power Commission of Ontario between 1932 and 1996. Between 1996 and 2004, the Phase One property was owned by various commercial entities. In April 2004, the Phase One property and adjacent property parcels were transferred from Emparrado Corporation to Richcraft Homes. In 2013, the Phase One property was split from a larger parcel and transferred to the CECCE (current property owner).

The Chain of title is included in Appendix D.

3.5 Environmental Reports

The following geotechnical and environmental reports was available for review:

1. LRL Associates Ltd., *Phase I Environmental Site Assessment, Part of Lots 2 & 3, Concession 3, Ottawa, Ontario*, October 2013.

This investigation was conducted to support the construction of the Collège catholique Mer Bleu and includes the entirety of the property with the municipal address 6401 Renaud Road (including the Phase One property). At the time of the investigation, the site was vacant. No potentially contaminating activities were identified in the study area, and no additional environmental work was recommended.

2. LRL Associates Ltd., *Geotechnical Investigation, Proposed New Secondary School, Renaud Road, Ottawa, Ontario*, November 2013.

The geotechnical investigation was conducted to support the development of a new school at 6401 Renaud Road. A total of eight boreholes and thirty test pits were advanced at the site, none of which appear to be on the Phase One property. Surficial geology at the site generally consisted of sand and silt overlying clay. A glacial till layer was encountered in two of the

boreholes approximately 25 metres below ground surface. Bedrock was encountered in two boreholes between 24 and 26 metres below ground surface.

3.6 Environmental Source Information

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

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

3.6.1 Ontario Ministry of the Environment, Conservation and Parks Records

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

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

The property located at 6328 Renaud Road was listed as a carpet cleaning business. Based on aerial photographs, it is unlikely that any significant commercial operations occurred at this the property. In addition, the property is located over 250 m southwest of the Phase One property and is therefore not considered to result in an environmental concern to the site.

The HLUI response documents are included in Appendix D.

3.6.3 Environmental Registry

On October 25, 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 2014 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 October 25, 2022, the MECP Environmental Access website was searched for postings within the Phase One study area. The following records were found:

- Four PTTW were issued in 2014 for servicing excavations associated with residential construction in the Phase One study area.
- Two Environmental Compliance Approvals (ECAs) were issued in 2021 and 2022 for the construction of sanitary and storm sewers associated with new residential construction in the Phase One study area.

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 October 25, 2022, the MECP Hazardous Waste Information Network (HWIN) website was searched for registered waste generators within the Phase One study area. The following records were found:

Location (Generator)	Proximity to the Site	Wastes Generated	Years	Environmental Concern to Site and Rationale
Conseil des écoles catholique du centre-est 6401 Renaud Road (ON9583537)	East adjacent	Inorganic and organic laboratory chemicals, other specified organics	2018 to present	No, it is not anticipated that significant quantities of waste are generated at a school.

Based on the nature of the waste generated, the waste generator is not considered to result in an APEC.

3.6.6 Records of Site Condition

On October 24, 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 Conseil des écoles catholique du centre-est (6401 Renaud Road) is listed as a waste generator (ON9583537) of inorganic/organic chemicals, and sludges from 2018 to present. As it is not anticipated that significant quantities of waste are generated at a school, this is not considered an environmental concern to the site.
- There was one ECA listed for the Phase One property for the construction of a stormwater management system consisting of a dry pond and associated infrastructure.
- The Ontario Spills and Pipeline Incidents database identified three records for natural gas spills in the Phase One study area. As natural gas is release to the atmosphere, these spills were not considered an environmental concern to the site.
- There were four records found in the Water Well Information System (WWIS) database for the Phase One study area. Four of the records were for water supply wells installed between 1961 and 1972. One record was for a monitoring well on the Phase One property, installed prior to the construction of the school.

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 1965, 1976, 1991, 1999, 2008, 2015, 2017 and 2021 were available for review on the City of Ottawa website. Aerial photographs dated prior to 1965 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
1965	The Phase One property and surrounding properties in the Phase One study area consist of cultivated agricultural fields, or undeveloped property. Renaud Road is present to the south of the Phase One property.
1976	The Phase One property no longer appears to be agricultural and is tree covered. Some additional residential development has occurred along Renaud Road. The Phase One study area is similarly developed to the 1965 aerial photograph.
1991	The Phase One property and study area appear similar to the 1976 aerial photograph.
1999	The Phase One property and study area appear similar to the 1991 aerial photograph.
2008	The Phase One property and adjacent properties have been cleared and re-graded. The remainder of the Phase One study area appears similar to the 1999 aerial photograph.
2015	The Collège catholique Mer Bleu is under construction adjacent to the Phase One property. Fern Casey Street has been constructed to the west of the Phase One property, and residential construction has begun to the north, east, and west of the Phase One property.
2017	The Phase One property consists of landscaped lawn. Construction of the Collège catholique Mer Bleu has been completed. Residential construction is on-going to the north, east, and west of the Phase One property.
2021	The Phase One property and study area appear similar to the 2017 aerial photograph.

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 and was last modified on March 19, 2018. The surficial geology application is available via www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/surficial-geology and was last modified on May 23, 2017.

Based on these applications, bedrock in the general area of the Phase One property consists of limestone with some shaly partings of the Ottawa Formation. Native surficial soil consists of Champlain Sea clay to fine textured glaciomarine deposits. Ground surface is approximately 86 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.

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 Mud Creek is located approximately 60 m northwest of the Phase One property. Mud Creek flows to Green's Creek approximately 6 km to the west of site. The inferred groundwater flow direction is to the northwest.

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). The Mer Bleue Bog is located approximately 1.5 km to the south of the Phase One property.

3.8.5 Well Records

The Ontario well records website (<https://www.ontario.ca/page/map-well-records>) was accessed. Four well records were present in the Phase One study area, three of which were for water supply wells installed between 1962 and 1972 at the residential properties on the south side of Renaud Road. The remaining record was for a monitoring well installed at 6401 Renaud Road, south of the Phase One property.

Well records indicate that the surficial geology in the Phase One study area generally consists of sand overlying clay. Shale/limestone bedrock was encountered approximately 30 metres below ground surface.

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

3.9 Site Operating Records

No site operating records were available for review.

4.0 Interviews

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

Mr. Jacques Lavictoire, Project Manager for the Conseil des écoles catholiques du Centre-est, was contacted via email on November 1, 2022. Mr. Lavictoire indicated that the property has been owned by the CECCE since 2013. Mr. Lavictoire 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 November 4, 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 10:00 a.m. and lasted approximately ½ hour. The weather was approximately 20°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 is part of a larger property (6401 Renaud Road) which is occupied by the Collège catholique Mer Bleu. The Phase One property is located on the north side of the building and consists of a vacant, grassed area.

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

No fill material was observed on the Phase One property.

5.7 Air Emissions

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

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

5.8 Odours

No strong odours were present during the site visit.

5.9 Noise

No excessive noise was heard during the site visit.

5.10 Other Observations

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

5.11 Special Attention Items, Hazardous Building Materials and Designated Substances

The Phase One property has never been developed 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 Fern Casey Street.

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;
- West: Residential;
- East: Residential; and
- South: Residential and undeveloped property.

5.15 Enhanced Investigation Property

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

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

5.16 Summary and Written Description of Investigation

Based on the site visit, no 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, and other records, it appears that the Phase One property has always been vacant. The Phase One property appears to have been used for agricultural purposes until the 1970s. The Collège catholique Mer Bleu was constructed at 6401 Renaud Road, adjacent to the Phase One property, in 2015.

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 Mud Creek is located approximately 60 m northwest of the Phase One property. Mud Creek flows to Green's Creek approximately 6 km to the west of the site. The inferred groundwater flow direction is to the northwest.

6.4.3 Areas of Natural Significance

There are no ANSI within the Phase One study area.

6.4.4 Water Wells

Four well records were present in the Phase One study area, three of which were for water supply wells installed between 1962 and 1972 at the residential properties on the south side of Renaud Road. The remaining record was for a monitoring well installed at 6401 Renaud Road, south of the Phase One property.

Well records indicate that the surficial geology in the Phase One study area generally consists of sand overlying clay. Shale/limestone bedrock was encountered approximately 30 metres below ground surface.

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. Adjacent properties are serviced by municipal infrastructure.

6.4.8 Subsurface Stratigraphy

Bedrock in the general area of the Phase One property consists of limestone with some shaly partings of the Ottawa Formation. Native surficial soil consists of Champlain Sea clay to fine textured glaciomarine deposits. Ground surface is approximately 86 metres above sea level (masl).

6.4.9 Uncertainty Analysis

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

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

7.0 Conclusions

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.

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

- City of Ottawa, GeoOttawa online mapping tool, (maps.ottawa.ca/geottawa).
- Dubreuil, L. and C. Woods, *Catalogue of Canadian Fire Insurance Plans, 1875 – 1975*, 2002.
- Environment Canada, *National Inventory of PCBs in Use and PCB Wastes in Storage in Canada*, 2003 Annual Report, 2004.
- Golder Associates Ltd., *Old Landfill Management Strategy, Phase 1, Identification of Sites, City of Ottawa, Ontario*, October 2004.
- Intera Technologies Ltd., *Inventory of Coal Gasification Plant Waste Sites in Ontario, Volume II*, April 1987.
- LRL Associates Ltd., *Phase I Environmental Site Assessment, Part of Lots 2 & 3, Concession 3, Ottawa, Ontario*, October 2013.
- LRL Associates Ltd., *Geotechnical Investigation, Proposed New Secondary School, Renaud Road, Ottawa, Ontario*, November 2013.
- Natural Resources Canada, The Atlas of Canada – Toporama website (atlas.gc.ca/toporama/en/)
- Oil, Gas & Salt Resources Library, website (maps.ogsrlibrary.com/wells).
- Ontario Ministry of Energy, Northern Development and Mines, Bedrock Geology Application (www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/bedrock-geology), March 19, 2018.
- Ontario Ministry of Energy, Northern Development and Mines, Surficial Geology Application (www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/surficial-geology), May 23, 2017.
- Ontario Ministry of the Environment, Conservation and Parks, *Access Environment website* (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).
- Ontario Ministry of the Environment, Conservation and Parks, *Guide for Completing Phase One Environmental Site Assessments under Ontario Regulation 153/04*, June 2011.
- Ontario Ministry of the Environment, Conservation and Parks *Hazardous Waste Information Network website* (www.hwin.ca).
- Ontario Ministry of the Environment, Conservation and Parks, *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*, November 1988.
- Ontario Ministry of the Environment, Conservation and Parks, *Ontario Inventory of PCB Storage Sites*, October 1995.
- Ontario Ministry of the Environment, Conservation and Parks, *Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act*, July 1, 2011.
- Ontario Ministry of the Environment, Conservation and Parks, *Records of Site Condition website* (www.lrcsde.lrc.gov.on.ca).
- Ontario Ministry of the Environment, Conservation and Parks, *Waste Disposal Site Inventory*, June 1991.
- Ontario Ministry of the Environment, Conservation and Parks, *Water Wells website* (www.ontario.ca/environment-and-energy/map-well-records-water-wells).
- Ontario Ministry of Labour, *Occupational Health and Safety Act*, R.S.O. 1990.

*Conseil des écoles catholiques du Centre-est (CECCE)
Phase One Environmental Site Assessment
Part 6401 Renaud Road, Ottawa, Ontario
OTT-22024490-A0
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- Ontario Ministry of Natural Resources and Forestry, Natural Heritage website (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.

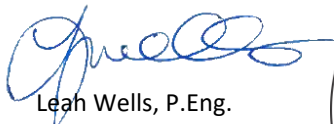
Report Format

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
Part 6401 Renaud Road, Ottawa, Ontario
OTT-22024490-A0
November 4, 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

EXP Services Inc.

*Conseil des écoles catholiques du Centre-est (CECCE)
Phase One Environmental Site Assessment
Part 6401 Renaud Road, Ottawa, Ontario
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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
Part 6401 Renaud Road, Ottawa, Ontario
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Appendix B: Survey Plan

TOPOGRAPHIC PLAN of
PART OF LOTS 2 AND 3
CONCESSION 3 (OTTAWA FRONT)
GEOGRAPHIC TOWNSHIP OF GLOUCESTER
CITY OF OTTAWA

Stantec Geomatics Ltd.



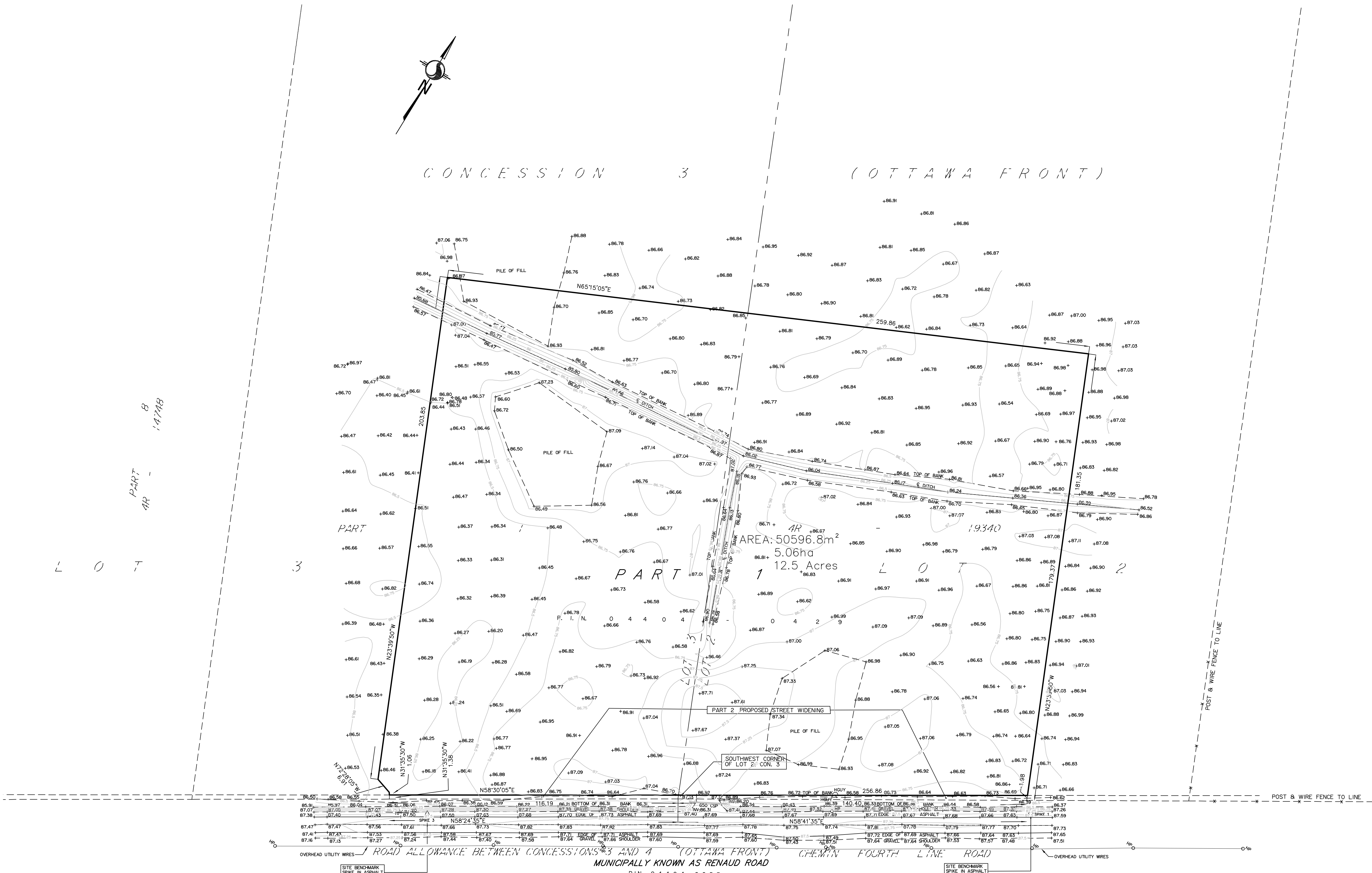
METRIC CONVERSION
 DISTANCES AND COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048

GRID SCALE CONVERSION
 DISTANCES ARE GROUND AND CAN BE CONVERTED TO GRID BY MULTIPLYING BY THE COMBINED SCALE FACTOR OF 0.99994.

BEARING NOTE
 BEARINGS HEREON ARE GRID BEARINGS DERIVED FROM THE CAN-NET VRS NETWORK AND ARE REFERRED TO THE CENTRAL MERIDIAN 76° 30' WEST LONGITUDE OF THE 3rd MTM ONTARIO COORDINATE SYSTEM, NAD83 (ORIGINAL) ZONE 9.

ELEVATION NOTE
 ELEVATIONS SHOWN HEREON ARE GEODETIC (CGVD-1928:1978) AND ARE DERIVED FROM THE CAN-NET VRS NETWORK MONUMENT: OTTAWA ELEVATION=95.205.

POSITION OF SITE BENCHMARKS AS SHOWN HEREON.
 SPIKE 1: N. 5033384.88, E. 382863.34, ELEV. 87.34
 SPIKE 3: N. 5033257.33, E. 382656.56, ELEV. 87.31



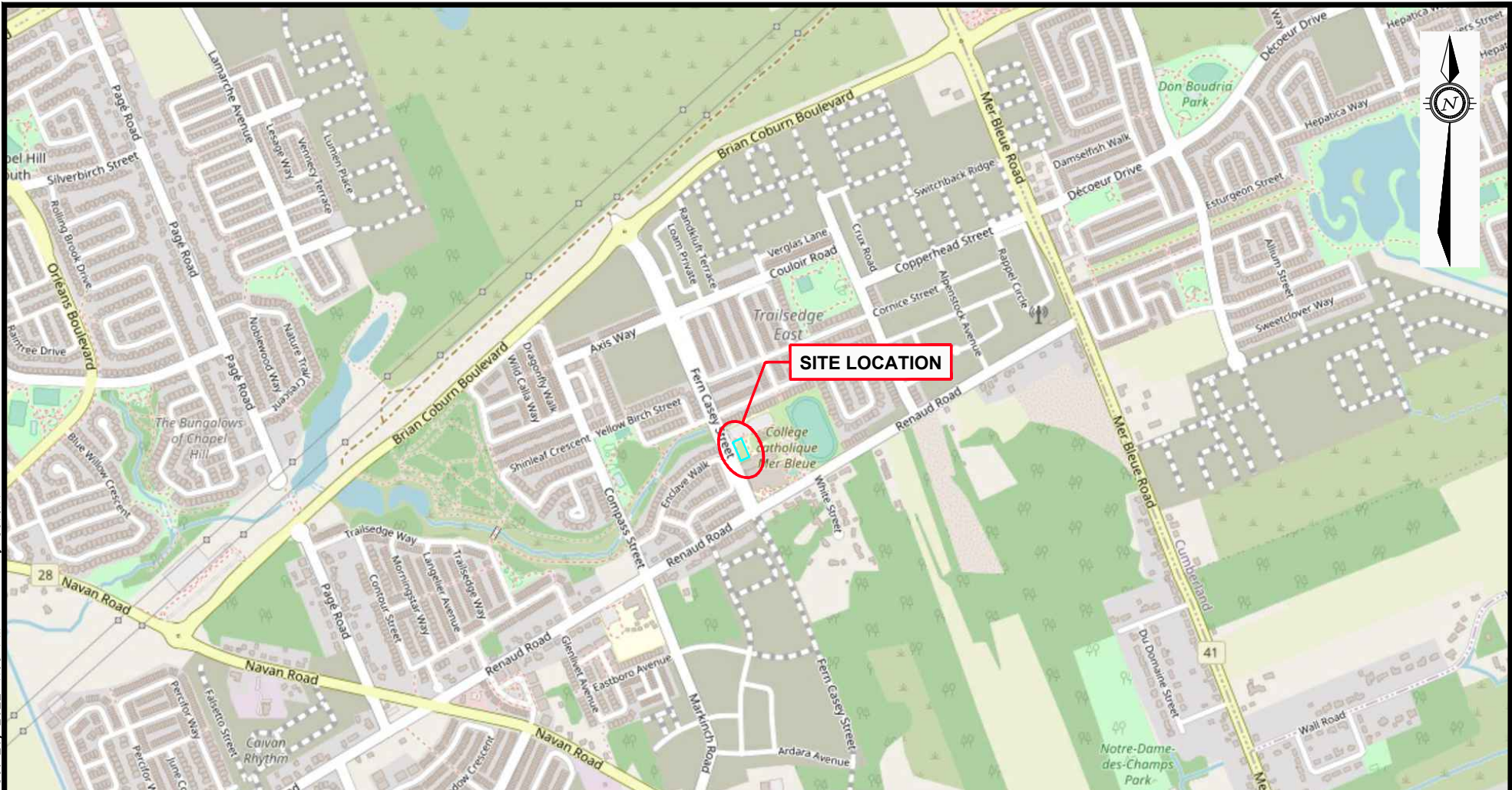
<p>LEGEND & NOTES: (IF APPLICABLE)</p> <ul style="list-style-type: none"> ■ DENOTES FOUND MONUMENTS □ DENOTES SET MONUMENTS ▣ DENOTES IRON BAR ▤ DENOTES STANDARD IRON BAR ▥ DENOTES SHORT STANDARD IRON BAR ▧ DENOTES CUT CROSS ▨ DENOTES NAIL & WASHER ▩ DENOTES PLAN 4R-19340 ▪ DENOTES ORIGIN UNKNOWN ▫ DENOTES MEASURED ▬ DENOTES STANTEC GEOMATICS LTD. ▭ DENOTES D.A. SIMMONDS, OLS ▮ DENOTES C.W. FAIRHALL, OLS 	<p>1236 PROP DENOTES P.A. RIDDELL, OLS WT DENOTES PROPORTIONED BM DENOTES WITNESS BM DENOTES BENCHMARK TR DENOTES TREELINE INV DENOTES INVERT VCM DENOTES VERTICAL CONTROL MONUMENT BPED DENOTES BELL PEDESTAL OFL DENOTES FLOOD LIGHT TR DENOTES TRAFFIC SIGN AC DENOTES AIR CONDITIONER QMRK DENOTES GAS MARKER CUL DENOTES CULVERT CB DENOTES DOUBLE CATCH BASIN</p>	<p>CBMH DENOTES CATCH BASIN MANHOLE CB DENOTES CATCH BASIN DCB DENOTES DOUBLE CATCH BASIN MANHOLE DICB DENOTES DITCH INLET CATCH BASIN MH-ST DENOTES STORM MANHOLE MH-F DENOTES FIBER OPTIC MANHOLE MH-S DENOTES SANITARY MANHOLE MH-B DENOTES BELL MANHOLE MH-H DENOTES HYDRO MANHOLE MH-T DENOTES TRAFFIC MANHOLE VC DENOTES VALVE CHAMBER DRN DENOTES DRAIN WELL DENOTES WATER WELL</p>	<p>FH DENOTES FIRE HYDRANT HGU DENOTES HYDRO GUY WIRE UP DENOTES UTILITY POLE HP DENOTES HYDRO LIGHT LS DENOTES LIGHT STANDARD HLS DENOTES HYDRO LIGHT STANDARD FP DENOTES FLAG POLE HH DENOTES HAND HOLE SN DENOTES SIGN MB DENOTES MAIL BOX BP DENOTES BELL POLE BLD DENOTES BOLLARD OW DENOTES OBSERVATION WELL</p>	<p>TL DENOTES TRAFFIC LIGHT MP DENOTES MONITORING PIN CS DENOTES CURB STOP VALVE RXS DENOTES RAILWAY SIGN RSB DENOTES RAILWAY SIGNAL CONTROL BOX GW DENOTES GUY WIRE CP DENOTES CABLE PEDESTAL TCB DENOTES TRAFFIC CONTROL BOX WV DENOTES WATER VALVE DP DENOTES DECORATIVE POLE GV DENOTES GAS VALVE PLR DENOTES PILLAR QP DENOTES GUARD POST</p>	<p>IP DENOTES IRON PIPE IS DENOTES SPRINKLER HEAD OC DENOTES OIL FILLER CAP OW DENOTES HAND WELL HTRAN DENOTES HYDRO TRANSFORMER PS DENOTES POWER SUPPLY PKM DENOTES PARKING METER TH DENOTES TEST HOLE BH DENOTES BOREHOLE MW DENOTES MONITORING WELL BMRK DENOTES BELL MARKER VB DENOTES VALVE BOX CMRK DENOTES CABLE TV MARKER</p>	<p>EP DENOTES ELECTRICAL POST DT DENOTES DECIDUOUS TREE STMP DENOTES TREE STUMP M DENOTES UNDERGROUND SERVICE LOCATE - BELL FO DENOTES UNDERGROUND SERVICE LOCATE - CABLE TV P DENOTES UNDERGROUND SERVICE LOCATE - FIBER OPTIC H DENOTES UNDERGROUND SERVICE LOCATE - HYDRO GS DENOTES UNDERGROUND SERVICE LOCATE - GAS OW DENOTES OVERHEAD WIRES OP DENOTES PROPERTY LINE</p>	<p>THE SURVEY REPRESENTED BY THIS PLAN WAS COMPLETED ON THE 9th DAY OF OCTOBER, 2013. DATED: _____ BRIAN J. WEBSTER ONTARIO LAND SURVEYOR</p>	<p>Stantec Geomatics Ltd. Ontario Land Surveyors Canada Lands Surveyors 1331 CLYDE AVENUE, SUITE 400 OTTAWA, ON. K2C 3G4 PHONE: (613) 722-4420 FAX: (613) 722-0789 brian.webster@stantec.com</p> <p>DRAWN BY: DM CHECKED BY: FP PM: FP FIELD: CM PLOT DATE: 12/2/2013 8:56 AM PROJECT No.: 161613060-111</p>
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EXP Services Inc.

*Conseil des écoles catholiques du Centre-est (CECCE)
Phase One Environmental Site Assessment
Part 6401 Renaud Road, Ottawa, Ontario
OTT-22024490-A0
November 4, 2022*

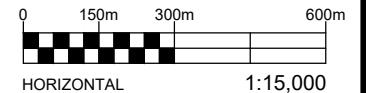
Appendix C: Figures

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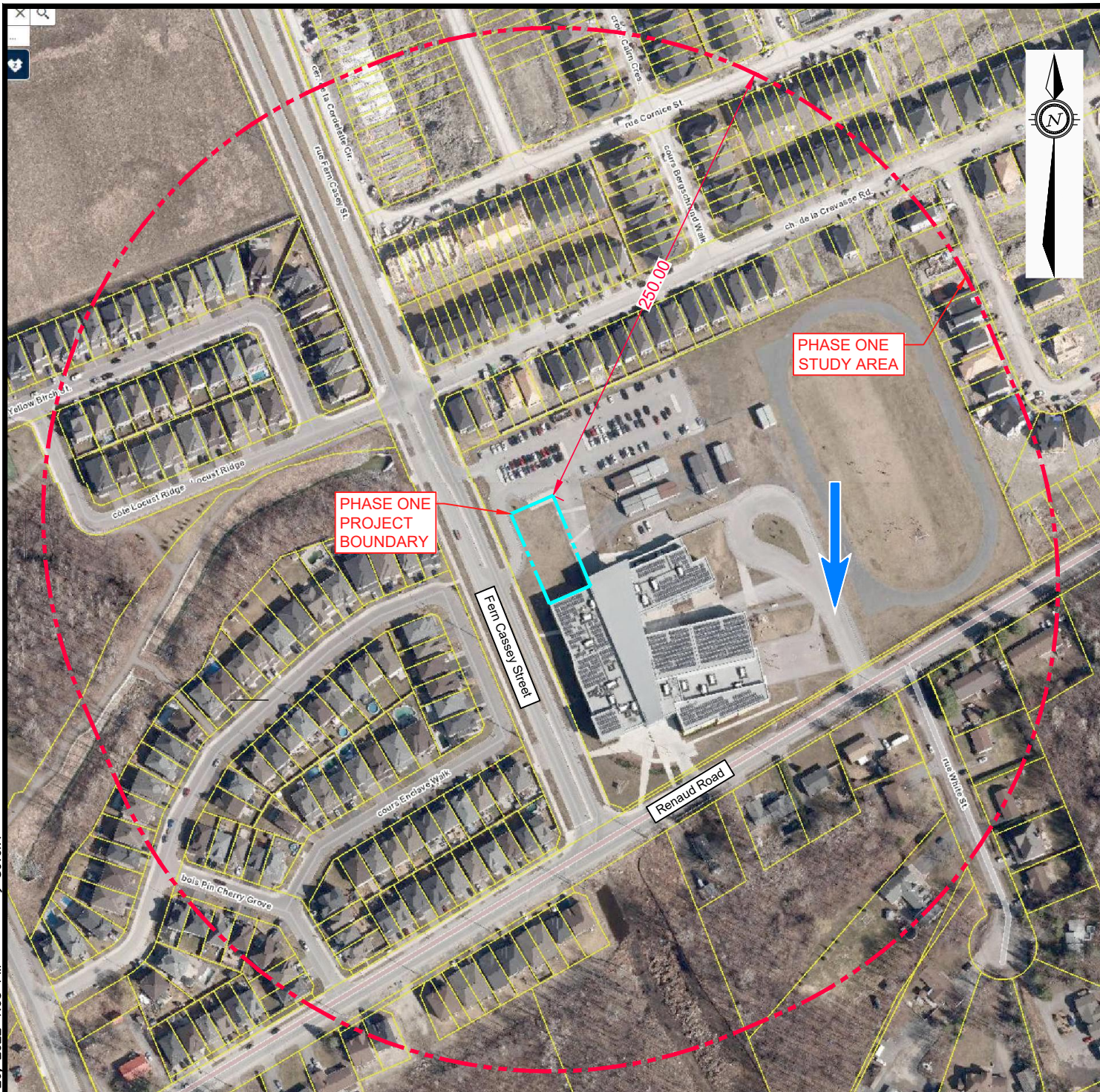
 APPROXIMATE PROJECT AREA



EXP Services Inc. www.exp.com

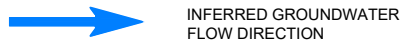
t: +1.613.688.1899 | f: +1.613.225.7337
 2650 Queensview Drive, Suite 100
 Ottawa, ON K2B 8H6, Canada

DATE OCTOBER 2022		PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 6401 RENAUD ROAD, OTTAWA, ONTARIO		project no. OTT-22024490-A0
DESIGN LW	CHECKED LW	TITLE: SITE LOCATION PLAN		scale 1:15,000
DRAWN BY AS				FIG 1

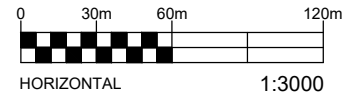


LEGEND

- - - - - APPROX. PROJECT AREA BOUNDARY
- - - - - PHASE ONE STUDY AREA (250m)



INFERRED GROUNDWATER FLOW DIRECTION



EXP Services Inc. www.exp.com

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

DATE OCTOBER 2022	
DESIGN LW	CHECKED LW
DRAWN BY AS	

PROJECT:	PHASE ONE ENVIRONMENTAL SITE ASSESSMENT 6401 RENAUD ROAD, OTTAWA, ONTARIO
TITLE:	PHASE I STUDY AREA

project no. OTT-22024490-A0
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FIG 2

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EXP Services Inc.

*Conseil des écoles catholiques du Centre-est (CECCE)
Phase One Environmental Site Assessment
Part 6401 Renaud Road, Ottawa, Ontario
OTT-22024490-A0
November 4, 2022*

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

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

Access and Privacy Office

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

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

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

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



November 16, 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-2022-07757, Your Reference OTT-22024490-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 6401 Renaud Road, Ottawa.

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

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

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

Yours truly,

ORIGINAL SIGNED BY

Ryan Gunn
Manager (A), Access and Privacy Office

December 5, 2022

Leah Wells
EXP Services Inc.
2650 Queensview Drive, Suite 100, Ottawa, Ontario
Sent via email [leah.wells@exp.com]

Dear Leah Wells,

Re: Information Request
6401 Renaud Road, **Ottawa, Ontario** (“Subject Property”)

Internal Department Circulation:

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

- **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/accountability-and-transparency/accountability-framework/freedom-information-and-protection-privacy/access-information>

Documents Provided:

HLUI Summary Report and HLUI Map

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

Additional information may be obtained by contacting:

Ontario’s Environmental Registry

The Environmental Registry found at <https://ero.ontario.ca/> contains "public notices" about environmental matters being proposed by all government ministries covered by the Environmental Bill of Rights. The public notices may contain information about proposed new laws, regulations, policies and programs or about proposals to change or eliminate existing ones. By using keys 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 HLUI@ottawa.ca.

Sincerely,

Steven Payne
Student Planner

Per:

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

MB / SP

Enclosures: (2)

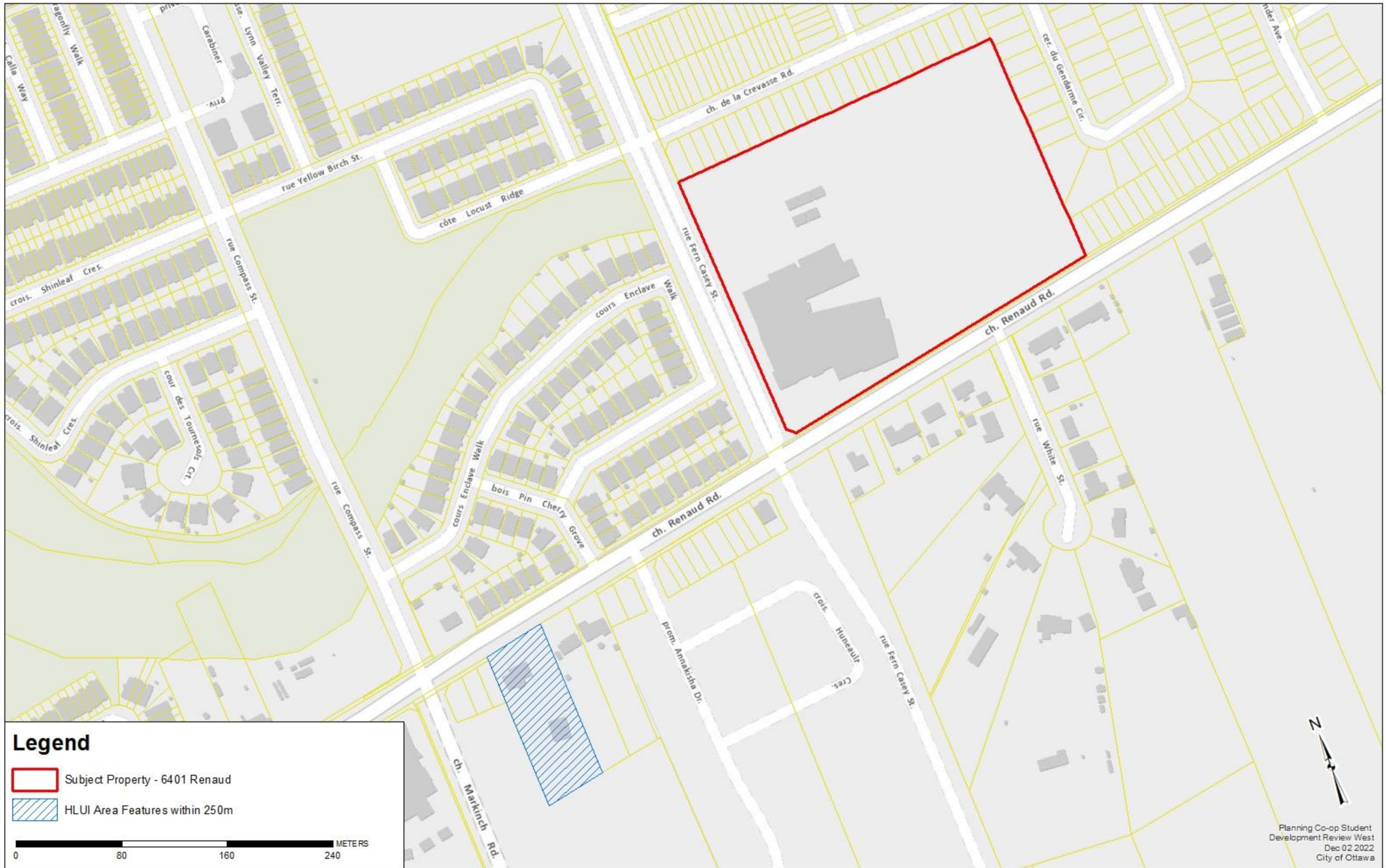
1. HLUI Map
2. HLUI Summary Report

cc: File no. D06-03-22-0169

HLUI SUMMARY REPORT
 AREA FEATURES

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	QAQC	YEAR	ST_NUM	ST_NAME	ST_SUFFIX	MUNICIPALITY	ST_NUM2017	ST_NAME2017	ST_SUFFIX2017	POSTAL_CODE2017	PIN2017	MUNICIPALITY2017	NAICS	Shape_Length	Shape_Area
10966	TIP A PRO	Administrative and support	2012-ES	1		6328	RENAUD	RD		6328	RENAUD	RD	K1W0L2	43520288	GLOUCESTER	561740	338.372425	5691.868464
13970	PROFESSIONAL CARPET SYSTEMS	Laundries and Cleaners	2001-ES; 2005-SelectPhone	1	2001-2005	6328	CHANTIER	RD	NAVAN	6328	RENAUD	RD	K1W0L2	43520288	Gloucester		338.372425	5691.868464

HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP



SUBJECT TO RESERVATIONS IN CROWN GRANT

PROPERTY DESCRIPTION: PART OF LOTS 1,2 & 3 CONCESSION 3 OTTAWA FRONT BEING PARTS 1,2 AND 4 ON 4R19340; OTTAWA

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT ABSOLUTE PLUS

RECENTLY:
DIVISION FROM 04404-0422

PIN CREATION DATE:
2004/04/22

OWNERS' NAMES
RICHCRAFT HOMES LTD.

CAPACITY SHARE
BENO

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) **						
**SUBJECT TO SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPHS 3 AND 14 AND *						
** PROVINCIAL SUCCESSION DUTIES AND EXCEPT PARAGRAPH 11 AND ESCHEATS OR FORFEITURE **						
** TO THE CROWN UP TO THE DATE OF REGISTRATION WITH AN ABSOLUTE TITLE. **						
GL76495	1965/05/03	BYLAW				C
4R19340	2004/03/26	PLAN REFERENCE				C
OC315808	2004/04/02	NOTICE	\$1	CITY OF OTTAWA	EMPARRADO CORPORATION RICHCRAFT HOMES LTD.	C
OC315903	2004/04/02	TRANSFER REMARKS: PLANNING ACT STATEMENTS	\$12,626,600	EMPARRADO CORPORATION	RICHCRAFT HOMES LTD.	C
OC315904	2004/04/02	APL ANNEX REST COV REMARKS: NO EXPIRY DATE		RICHCRAFT HOMES LTD.		C
OC1269673	2011/08/12	CHARGE	\$40,000,000	RICHCRAFT HOMES LTD.	THE BANK OF NOVA SCOTIA	C
OC1271848	2011/08/18	CHARGE	\$150,000,000	255 BAY INC. 1514595 ONTARIO INC. RICHCRAFT HOMES LTD. RICHCRAFT OBP LTD. RICHCRAFT PROPERTIES LTD. RICHCRAFT CONSTRUCTION (1984) LTD. 1514593 ONTARIO INC. RICHCRAFT (SINCLAIR) LTD. GOVERNOR PLACE DEVELOPMENTS INC. 2103102 ONTARIO INC. 1618353 ONTARIO INC. 2167799 ONTARIO INC.	SINGHAL HOLDINGS INC.	C

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

04404-0429 (LT)

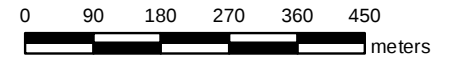
SUBJECT TO RESERVATIONS IN CROWN GRANT

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
				2183365 ONTARIO INC. RICHCRAFT (MISS OTTAWA) LTD. 2008183 ONTARIO INC. RICHCRAFT (THURSTON) LTD. RICHCRAFT (LIMEBANK) LTD. RICHCRAFT (GREEN) LTD. RICHCRAFT (LISGAR) LTD. RICHCRAFT (SCOTT) LTD.		

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.
NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

PRINTED ON 30 SEP, 2013 AT 09:54:41
FOR EEOOLAB

SCALE



PROPERTY INDEX MAP
OTTAWA-CARLETON(No. 04)

LEGEND

FREEHOLD PROPERTY	
LEASEHOLD PROPERTY	
LIMITED INTEREST PROPERTY	
CONDOMINIUM PROPERTY	
RETIRED PIN (MAP UPDATE PENDING)	
PROPERTY NUMBER	0449
BLOCK NUMBER	08050
GEOGRAPHIC FABRIC	
EASEMENT	

THIS IS NOT A PLAN OF SURVEY

NOTES

REVIEW THE TITLE RECORDS FOR COMPLETE PROPERTY INFORMATION AS THIS MAP MAY NOT REFLECT RECENT REGISTRATIONS

THIS MAP WAS COMPILED FROM PLANS AND DOCUMENTS RECORDED IN THE LAND REGISTRATION SYSTEM AND HAS BEEN PREPARED FOR PROPERTY INDEXING PURPOSES ONLY

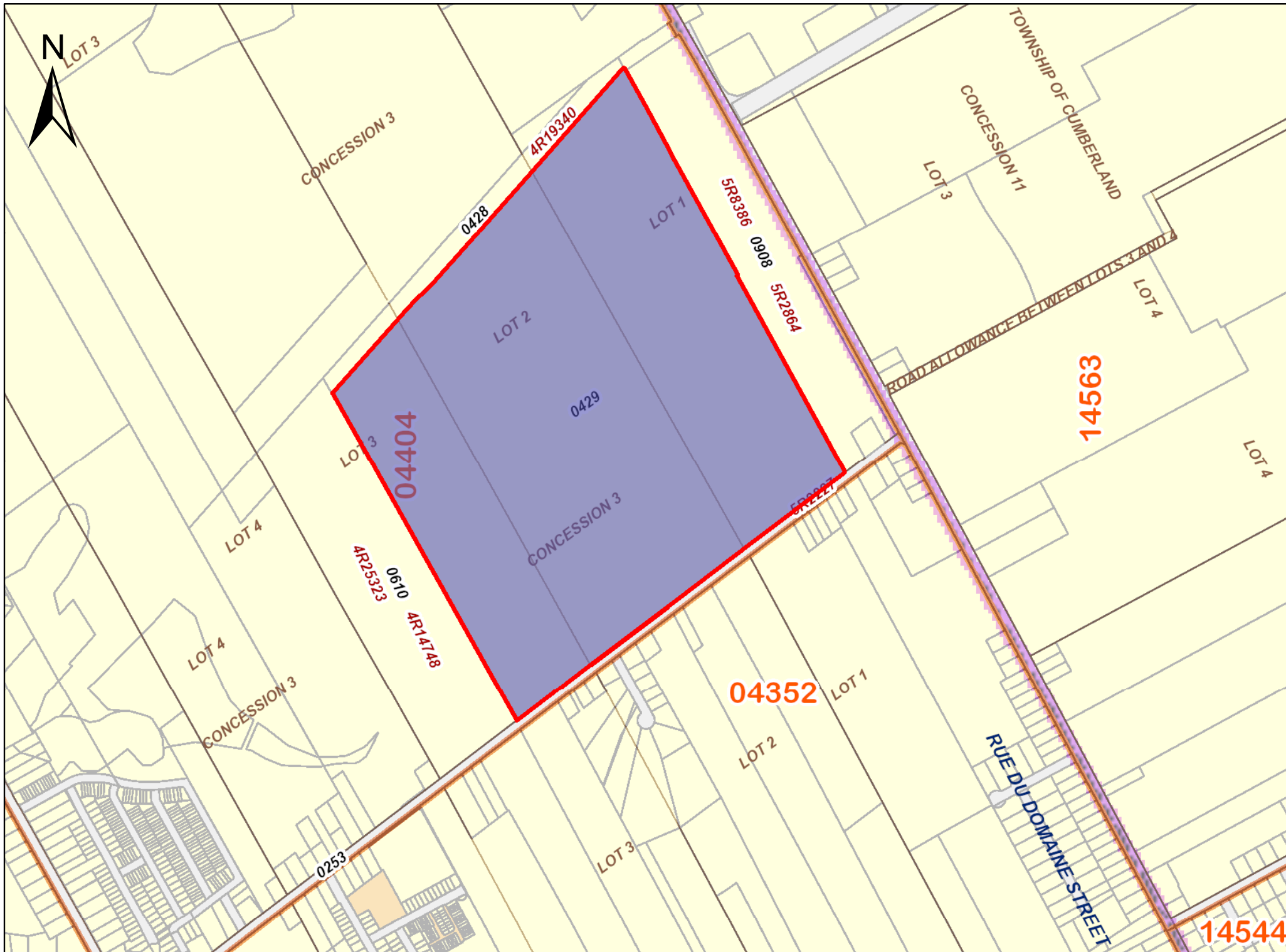
FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED



14544



SUBJECT TO RESERVATIONS IN CROWN GRANT

PROPERTY DESCRIPTION: PART OF LOTS 1, 2 AND 3, CONCESSION 3, (OTTAWA FRONT, GLOUCESTER, DESIGNATED AS PARTS 1, 2, 3, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22 AND 23 ON 4R19308, OTTAWA. SUBJECT TO AN EASEMENT IN FAVOUR OF HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE CHAIR OF THE MANAGEMENT BOARD OF CABINET, OVER PARTS 14 AND 15 ON 4R19308, AS IN GL36195. SUBJECT TO AN EASEMENT IN FAVOUR OF HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE CHAIR OF THE MANAGEMENT BOARD OF CABINET, OVER PARTS 22 AND 23 ON 4R19308, AS IN GL36196. SUBJECT TO AN EASEMENT IN FAVOUR OF HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE CHAIR OF THE MANAGEMENT BOARD OF CABINET OVER PARTS 18 AND 19 ON 4R19308, AS IN GL36197. SUBJECT TO AN EASEMENT IN FAVOUR OF HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE CHAIR OF THE MANAGEMENT BOARD OF CABINET, OVER PARTS 10 AND 11 ON 4R19308 AS IN GL36385. SUBJECT TO AN EASEMENT IN FAVOUR OF HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE CHAIR OF THE MANAGEMENT BOARD OF CABINET, OVER PART9 ON 4R19308 AS IN GL47175. SUBJECT TO AN EASEMENT IN FAVOUR OF HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE CHAIR OF THE MANAGEMENT BOARD OF CABINET, OVER PART 20 ON 4R19308 AS IN GL47244. SUBJECT TO AN EASEMENT IN FAVOUR OF HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE CHAIR OF THE MANAGEMENT BOARD OF CABINET, OVER PART 16 ON 4R19 308 AS IN GL47245. SUBJECT TO AN EASEMENT IN FAVOUR OF HER MAJESTY THE QUEEN IN RIGHT OF ONTARIO AS REPRESENTED BY THE CHAIR OF THE MANAGEMENT BOARD OF CABINET, OVER PART12 ON 4R19308 AS IN GL47246. SUBJECT TO AN EASEMENT IN FAVOUR OF CITY OF OTTAWA OVER PARTS 15, 19 AND 23 ON 4R19308 AS IN N766333. SUBJECT TO AN EASEMENT IN FAVOUR OF CITY OF OTTAWA OVER PART 11 ON 4R19308, ASIN N766343.

PROPERTY REMARKS:

ESTATE/QUALIFIER:
FEE SIMPLE
LT ABSOLUTE PLUS

RECENTLY:
DIVISION FROM 04404-0418

PIN CREATION DATE:
2004/03/16

OWNERS' NAMES
EMPARRADO CORPORATION

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) **						
**SUBJECT TO SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPHS 3 AND 14 AND *						
** PROVINCIAL SUCCESSION DUTIES AND EXCEPT PARAGRAPH 11 AND ESCHEATS OR FORFEITURE **						
** TO THE CROWN UP TO THE DATE OF REGISTRATION WITH AN ABSOLUTE TITLE. **						
NOTE: THIS PROPERTY IS NOW DIVIDED INTO THE FOLLOWING PROPERTIES: 04404-0428 TO 04404-0430						
GL36195	1932/10/14	TRANSFER EASEMENT			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C
GL36196	1932/10/14	TRANSFER EASEMENT REMARKS: SKETCH ATTACHED.			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C
GL36197	1932/10/14	TRANSFER EASEMENT REMARKS: SKETCH ATTACHED.			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C
GL36385	1933/05/17	TRANSFER EASEMENT REMARKS: SKETCH ATTACHED.			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C
GL47175	1949/10/25	TRANSFER EASEMENT			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C
GL47244	1949/11/03	TRANSFER EASEMENT			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.

NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

SUBJECT TO RESERVATIONS IN CROWN GRANT

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
GL47245	1949/11/03	TRANSFER EASEMENT			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C
GL47246	1949/11/03	TRANSFER EASEMENT			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C
GL76495	1965/05/03	BYLAW				C
N746831	1996/08/30	NOTICE			THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON	C
		CORRECTIONS: 'INSTRUMENT TYPE' CHANGED FROM 'AGREEMENT' TO 'NOTICE' ON 2008/10/16 BY MICHELLE LEDUC.				
N747114	1996/09/05	NOTICE			THE CITY OF GLOUCESTER	C
		CORRECTIONS: 'INSTRUMENT TYPE' CHANGED FROM 'AGREEMENT' TO 'NOTICE' ON 2008/10/16 BY MICHELLE LEDUC.				
N766333	1999/03/24	TRANSFER EASEMENT	\$4,750	LAFARGE CANADA INC.	THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON	C
N766343	1999/03/25	TRANSFER EASEMENT	\$1,230	KAYUK, FREDERICK ESTATE KAYUK, MARION KAYUK, FREDERICK ALEXANDER-HARTMAN, DEIRDRE ESTATE TRUSTEES WITH A WILL	THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON	C
N767737	1999/06/14	AGREEMENT		KAYUK, FREDERICK ESTATE KAYUK, MARION ESTATE TRUSTEE KAYUK, FREDERICK ESTATE TRUSTEE ALEXANDER-HARTMAN, DEIRDRE ESTATE TRUSTEE	THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON	C
LT1298602	2000/07/07	TRANSFER	\$4,428,885	LAFARGE CANADA INC.	EMPARRADO CORPORATION	C
LT1305787	2000/07/31	TRANSFER	\$775,062	1414469 ONTARIO INC.	EMPARRADO CORPORATION	C
LT1307566	2000/08/04	TRANSFER	\$1,543,765	TAILLEFER, HENRI-ESTATE ROBINSON, GILBERTE TAILLEFER, CONSTANT	EMPARRADO CORPORATION	C
4R19308	2004/03/16	PLAN REFERENCE				C
OC309752	2004/03/16	APL ABSOLUTE TITLE		EMPARRADO CORPORATION	EMPARRADO CORPORATION	C
4R19340	2004/03/26	PLAN REFERENCE				C
OC315808	2004/04/02	NOTICE	\$1	CITY OF OTTAWA	EMPARRADO CORPORATION RICHCRAFT HOMES LTD.	C

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SUBJECT TO RESERVATIONS IN CROWN GRANT

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
OC315809	2004/04/02	TRANSFER	\$1	EMPARRADO CORPORATION	CITY OF OTTAWA	C
OC315903	2004/04/02	TRANSFER <i>REMARKS: PLANNING ACT STATEMENTS</i>	\$12,626,600	EMPARRADO CORPORATION	RICHCRAFT HOMES LTD.	C
OC315904	2004/04/02	APL ANNEX REST COV <i>REMARKS: NO EXPIRY DATE</i>		RICHCRAFT HOMES LTD.		C
OC315905	2004/04/02	APL ANNEX REST COV <i>REMARKS: NO EXPIRY DATE</i>		EMPARRADO CORPORATION		C
OC315906	2004/04/02	CHARGE	\$11,363,940	RICHCRAFT HOMES LTD.	EMPARRADO CORPORATION	C

LAND
REGISTRY
OFFICE #4

04404-0418 (LT)

PAGE 1 OF 3
PREPARED FOR EEGoolab
ON 2013/09/30 AT 09:55:53

* CERTIFIED BY LAND REGISTRAR IN ACCORDANCE WITH LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PROPERTY DESCRIPTION: PART LOT 3 CONCESSION 3, OTTAWA FRONT, GLOUCESTER, PARTS 2 TO 5 PLAN 4R14748; S/T GL36385, GL47175, N766343; PART LOT 3 CONCESSION 3, OTTAWA FRONT, GLOUCESTER, AS IN GL56645; S/T GL36195, GL47246, N766333; PART LOT 2 CONCESSION 3, OTTAWA FRONT, GLOUCESTER, AS IN GL56801, EXCEPT NS76267 & N746832; S/T GL36197, GL47245, N766333; PARTLOT 2 CONCESSION 3, OTTAWA FRONT, AS IN GL56699; S/T GL36196, GL47244, N766333; PART LOT 1 CONCESSION 3, OTTAWA FRONT, AS IN GL41241 (1STLY), EXCEPT PARTS 1, 4, 5 AND 7 PLAN 5R14793, PARTS 1 AND 2 PLAN 4R11429, PARTS 1 AND 2 PLAN 5R12089, PARTS 1, 2, 3 AND 4 PLAN 5R2015, PART 1 PLAN 5R1148, PARTS 1 TO 8 PLAN 4R18521 & CT148232; PART LOT 1 CONCESSION 3, OTTAWA FRONT, GLOUCESTER, AS IN GL30010, EXCEPT PARTS 1, 4, 5, 7 AND 10 PLAN 5R14793, PART 4 PLAN 5R2015, PART 1 PLAN 5R1148, PART 1 PLAN 5R1564 & GL72995. PART LOT 1 CONCESSION 3, OTTAWA FRONT, GLOUCESTER, AS IN GL37185, EXCEPT PARTS 1 TO 10 PLAN 5R14793, PARTS 1, 2, 3 PLAN 4R1 0640, PARTS 3, 4 AND 5 PLAN 5R1148 & CT169987; PART LOT 1 CONCESSION 3, OTTAWA FRONT, GLOUCESTER, PART 4 PLAN 5R2015; PART LOT 1 CONCESSION 3, OTTAWA FRONT, GLOUCESTER, AS IN GL41241(2NDLY), PARTS 1 AND 2 PLAN 4R14216; OTTAWA.

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:

DIVISION FROM 04404-0407

PIN CREATION DATE:

2004/02/13

OWNERS' NAMES

EMPARRADO CORPORATION

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) **						
**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:						
** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *						
** AND ESCHEATS OR FORFEITURE TO THE CROWN.						
** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF						
** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY						
** CONVENTION.						
** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.						
**DATE OF CONVERSION TO LAND TITLES: 1999/11/22 **						
NOTE: THIS PROPERTY IS NOW DIVIDED INTO THE FOLLOWING PROPERTIES: 04404-0422 TO 04404-0423						
GL36195	1932/10/14	TRANSFER EASEMENT			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C
GL36196	1932/10/14	TRANSFER EASEMENT REMARKS: SKETCH ATTACHED.			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C
GL36197	1932/10/14	TRANSFER EASEMENT REMARKS: SKETCH ATTACHED.			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C
GL36385	1933/05/17	TRANSFER EASEMENT			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.

NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

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04404-0418 (LT)

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ON 2013/09/30 AT 09:55:53

* CERTIFIED BY LAND REGISTRAR IN ACCORDANCE WITH LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD	
		<i>REMARKS: SKETCH ATTACHED.</i>					
GL47175	1949/10/25	TRANSFER EASEMENT			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C	
GL47244	1949/11/03	TRANSFER EASEMENT			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C	
GL47245	1949/11/03	TRANSFER EASEMENT			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C	
GL47246	1949/11/03	TRANSFER EASEMENT			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C	
GL76495	1965/05/03	BYLAW				C	
5R1148	1974/03/07	PLAN REFERENCE				C	
5R1341	1974/05/29	PLAN REFERENCE				C	
5R1564	1974/08/27	PLAN REFERENCE				C	
5R8386	1984/09/27	PLAN REFERENCE				C	
4R12188	1996/07/17	PLAN REFERENCE				C	
N746831	1996/08/30	NOTICE			THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON	C	
		<i>CORRECTIONS: 'INSTRUMENT TYPE' CHANGED FROM 'AGREEMENT' TO 'NOTICE' ON 2008/10/16 BY MICHELLE LEDUC.</i>					
N747114	1996/09/05	NOTICE			THE CITY OF GLOUCESTER	C	
		<i>CORRECTIONS: 'INSTRUMENT TYPE' CHANGED FROM 'AGREEMENT' TO 'NOTICE' ON 2008/10/16 BY MICHELLE LEDUC.</i>					
4R14357	1998/12/09	PLAN REFERENCE				C	
N766333	1999/03/24	TRANSFER EASEMENT	\$4,750	LAFARGE CANADA INC.	THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON	C	
N766343	1999/03/25	TRANSFER EASEMENT	\$1,230	KAYUK, FREDERICK ESTATE KAYUK, MARION KAYUK, FREDERICK ALEXANDER-HARTMAN, DEIRDRE ESTATE TRUSTEES WITH A WILL	THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON	C	
4R14748	1999/05/31	PLAN REFERENCE				C	
N767737	1999/06/14	AGREEMENT		KAYUK, FREDERICK ESTATE	THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON	C	

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.

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REGISTRY
OFFICE #4

04404-0418 (LT)

PREPARED FOR EEGoolab
ON 2013/09/30 AT 09:55:53

* CERTIFIED BY LAND REGISTRAR IN ACCORDANCE WITH LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
				KAYUK, MARION ESTATE TRUSTEE KAYUK, FREDERICK ESTATE TRUSTEE ALEXANDER-HARTMAN, DEIRDRE ESTATE TRUSTEE		
LT1298602	2000/07/07	TRANSFER	\$4,428,885	LAFARGE CANADA INC.	EMPARRADO CORPORATION	C
LT1305787	2000/07/31	TRANSFER	\$775,062	1414469 ONTARIO INC.	EMPARRADO CORPORATION	C
LT1307566	2000/08/04	TRANSFER	\$1,543,765	TAILLEFER, HENRI-ESTATE ROBINSON, GILBERTE TAILLEFER, CONSTANT	EMPARRADO CORPORATION	C
OC175227	2003/03/04	NO APL ABSOLUTE		EMPARRADO CORPORATION	EMPARRADO CORPORATION	C
4R18521	2003/04/30	PLAN REFERENCE				C
4R19053	2003/12/10	PLAN REFERENCE				C
OC306993	2004/03/05	NO APL ABSOLUTE		EMPARRADO CORPORATION		C
4R19308	2004/03/16	PLAN REFERENCE				C
OC309752	2004/03/16	APL ABSOLUTE TITLE		EMPARRADO CORPORATION	EMPARRADO CORPORATION	C

LAND
REGISTRY
OFFICE #4

04404-0407 (LT)

PAGE 1 OF 4
PREPARED FOR EEGoolab
ON 2013/09/30 AT 09:56:37

* CERTIFIED BY LAND REGISTRAR IN ACCORDANCE WITH LAND TITLES ACT * SUBJECT TO RESERVATIONS IN CROWN GRANT *

PROPERTY DESCRIPTION: CONSOLIDATION OF VARIOUS PROPERTIES: PART OF LOT 3, CONCESSION 3, O.F., GLOUCESTER BEING PARTS 2, 3, 4, AND 5 ON 4R14748; S/T GL36385, GL47175, N766343, OTTAWA: PART OF LOT 3, CONCESSION 3 O.F., GLOUCESTERAS IN GL56645; S/T GL36195, GL47246, N766333, OTTAWA: PART OF LOT 2, CONCESSION 3, O.F. GLOUCESTER AS IN GL56801, EXCEPT NS76257 & N746832;S/T GL36197, GL47245, N766333, OTTAWA: PART OF LOT 2, CONCESSION 3, O.F. GLOUCESTER AS IN GL56699;S/T GL36196,GL47244,N766333, OTTAWA: PART OF LOT 1, CONCESSION 3, O.F. GLOUCESTER AS FIRSTLY IN GL41241, EXCEPT PARTS 1, 4, 5 AND 7 ON 5R14793, PARTS 1 AND 2 ON 4R11429, PARTS1 AND 2 ON 5R12089, PARTS 1, 2, 3 AND 4 ON 5R2015, PART 1 ON 5R1148 & CT148232, OTTAWA: PART OF LOT 1, CONCESSION 3, O.F., GLOUCESTER AS IN GL30010, EXCEPT PARTS 1, 4, 5, 7 AND 10 ON 5R14793, PART 4 ON 5R2015, PART 1 ON 5R1148, PART 1 ON 5R1564 & GL72995, OTTAWA: PART OF LOT 1, CONCESSION 3, O.F., GLOUCESTER AS IN GL37185, EXCEPT PARTS 1 TO 10 ON 5R14793, PARTS 1, 2 AND 3 ON 4R10640, PARTS 3, 4 AND 5 ON 5R1148 & CT169987, OTTAWA: PART OF LOT 1, CONCESSION 3, O.F., GLOUCESTER BEING PART 4 ON 5R2015, OTTAWA: PART OF LOT 1, CONCESSION 3, O.F., GLOUCESTER AS SECONDLY IN GL41241, EXCEPT PARTS 1 AND 2 ON 4R14216, OTTAWA.

PROPERTY REMARKS:

ESTATE/QUALIFIER:

FEE SIMPLE
LT CONVERSION QUALIFIED

RECENTLY:

CONSOLIDATION FROM 04404-0275 04404-0194 04404-0196 04404-0199 04404-0268 04404-0266
04404-0207 04404-0202 04404-0278

PIN CREATION DATE:

2002/11/20

OWNERS' NAMES

EMPARRADO CORPORATION

CAPACITY SHARE

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) **						
**SUBJECT, ON FIRST REGISTRATION UNDER THE LAND TITLES ACT, TO:						
** SUBSECTION 44(1) OF THE LAND TITLES ACT, EXCEPT PARAGRAPH 11, PARAGRAPH 14, PROVINCIAL SUCCESSION DUTIES *						
** AND ESCHEATS OR FORFEITURE TO THE CROWN.						
** THE RIGHTS OF ANY PERSON WHO WOULD, BUT FOR THE LAND TITLES ACT, BE ENTITLED TO THE LAND OR ANY PART OF						
** IT THROUGH LENGTH OF ADVERSE POSSESSION, PRESCRIPTION, MISDESCRIPTION OR BOUNDARIES SETTLED BY						
** CONVENTION.						
** ANY LEASE TO WHICH THE SUBSECTION 70(2) OF THE REGISTRY ACT APPLIES.						
**DATE OF CONVERSION TO LAND TITLES: 1999/11/22 **						
NOTE: THIS PROPERTY IS NOW DIVIDED INTO THE FOLLOWING PROPERTIES: 04404-0412 TO 04404-0418						
GL36195	1932/10/14	TRANSFER EASEMENT			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C
GL36196	1932/10/14	TRANSFER EASEMENT REMARKS: SKETCH ATTACHED.			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C
GL36197	1932/10/14	TRANSFER EASEMENT REMARKS: SKETCH ATTACHED.			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C
GL36385	1933/05/17	TRANSFER EASEMENT			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C

NOTE: ADJOINING PROPERTIES SHOULD BE INVESTIGATED TO ASCERTAIN DESCRIPTIVE INCONSISTENCIES, IF ANY, WITH DESCRIPTION REPRESENTED FOR THIS PROPERTY.

NOTE: ENSURE THAT YOUR PRINTOUT STATES THE TOTAL NUMBER OF PAGES AND THAT YOU HAVE PICKED THEM ALL UP.

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD	
		<i>REMARKS: SKETCH ATTACHED.</i>					
GL47175	1949/10/25	TRANSFER EASEMENT			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C	
GL47244	1949/11/03	TRANSFER EASEMENT			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C	
GL47245	1949/11/03	TRANSFER EASEMENT			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C	
GL47246	1949/11/03	TRANSFER EASEMENT			THE HYDRO-ELECTRIC POWER COMMISSION OF ONTARIO	C	
GL76495	1965/05/03	BYLAW				C	
5R1148	1974/03/07	PLAN REFERENCE				C	
5R1341	1974/05/29	PLAN REFERENCE				C	
5R1564	1974/08/27	PLAN REFERENCE				C	
5R2015	1975/05/29	PLAN REFERENCE				C	
5R8386	1984/09/27	PLAN REFERENCE				C	
5R8400	1984/10/03	PLAN REFERENCE				C	
4R12188	1996/07/17	PLAN REFERENCE				C	
N746831	1996/08/30	NOTICE			THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON	C	
		<i>CORRECTIONS: 'INSTRUMENT TYPE' CHANGED FROM 'AGREEMENT' TO 'NOTICE' ON 2008/10/16 BY MICHELLE LEDUC.</i>					
N747114	1996/09/05	NOTICE			THE CITY OF GLOUCESTER	C	
		<i>CORRECTIONS: 'INSTRUMENT TYPE' CHANGED FROM 'AGREEMENT' TO 'NOTICE' ON 2008/10/16 BY MICHELLE LEDUC.</i>					
4R14357	1998/12/09	PLAN REFERENCE				C	
N766333	1999/03/24	TRANSFER EASEMENT	\$4,750	LAFARGE CANADA INC.	THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON	C	
N766343	1999/03/25	TRANSFER EASEMENT	\$1,230	KAYUK, FREDERICK ESTATE KAYUK, MARION KAYUK, FREDERICK ALEXANDER-HARTMAN, DEIRDRE ESTATE TRUSTEES WITH A WILL	THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON	C	

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04404-0407 (LT)

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REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/CHKD
4R14748	1999/05/31	PLAN REFERENCE				C
N767737	1999/06/14	AGREEMENT		KAYUK, FREDERICK ESTATE KAYUK, MARION ESTATE TRUSTEE KAYUK, FREDERICK ESTATE TRUSTEE ALEXANDER-HARTMAN, DEIRDRE ESTATE TRUSTEE	THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON	C
LT1298602	2000/07/07	TRANSFER	\$4,428,885	LAFARGE CANADA INC.	EMPARRADO CORPORATION	C
LT1305787	2000/07/31	TRANSFER	\$775,062	1414469 ONTARIO INC.	EMPARRADO CORPORATION	C
LT1307566	2000/08/04	TRANSFER	\$1,543,765	TAILLEFER, HENRI-ESTATE ROBINSON, GILBERTE TAILLEFER, CONSTANT	EMPARRADO CORPORATION	C
OC123515	2002/09/26	APL CONSOLIDATE		EMPARRADO CORPORATION		C
OC175227	2003/03/04	NO APL ABSOLUTE		EMPARRADO CORPORATION	EMPARRADO CORPORATION	C
4R18521	2003/04/30	PLAN REFERENCE				C
OC193525	2003/05/01	CAU AGR PUR & SALE	\$4,784,000	EMPARRADO CORPORATION	FIRST INNES SHOPPING CENTRES LIMITED	C
OC260990	2003/10/21	TRANSFER	\$1	EMPARRADO CORPORATION	EMPARRADO CORPORATION	C
		REMARKS: PLANNING ACT CONSENT; PART 2 ON 4R18521				
OC260991	2003/10/21	TRANSFER	\$1	EMPARRADO CORPORATION	EMPARRADO CORPORATION	C
		REMARKS: PLANNING ACT CONSENT; PART 4 ON 4R18521				
OC260992	2003/10/21	TRANSFER	\$1	EMPARRADO CORPORATION	EMPARRADO CORPORATION	C
		REMARKS: PLANNING ACT CONSENT; PART 7 ON 4R18521				
OC262456	2003/10/24	TRANSFER	\$1	EMPARRADO CORPORATION	CITY OF OTTAWA	C
		REMARKS: PTS 1,3,5,6,8 PL 4R18521				
4R19053	2003/12/10	PLAN REFERENCE				C
4R19054	2003/12/10	PLAN REFERENCE				C

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REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
OC291818	2004/01/19	BYLAW PUB HGHWY		CITY OF OTTAWA		C

EXP Services Inc.

*Conseil des écoles catholiques du Centre-est (CECCE)
Phase One Environmental Site Assessment
Part 6401 Renaud Road, Ottawa, Ontario
OTT-22024490-A0
November 4, 2022*

Appendix E: EcoLog ERIS Report



DATABASE REPORT

Project Property: *Phase One ESA
Part 6401 Renaud Road
Ottawa ON K1W 0H8*

Project No: *OTT-22024490-A0_Chris.Kimmerly*

Report Type: *Standard Report*

Order No: *22102600513*

Requested by: *exp Services Inc.*

Date Completed: *October 31, 2022*

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Executive Summary

Property Information:

Project Property: *Phase One ESA
Part 6401 Renaud Road Ottawa ON K1W 0H8*

Project No: *OTT-22024490-A0_Chris.Kimmerly*

Coordinates:

Latitude: *45.4361082*
Longitude: *-75.505606*
UTM Northing: *5,031,522.67*
UTM Easting: *460,453.98*
UTM Zone: *18T*

Elevation: *276 FT
84.05 M*

Order Information:

Order No: *22102600513*
Date Requested: *October 26, 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 & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	2	2
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	1	0	1
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	4	4
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	0	0
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	4	0	4
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	0	0
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OGW	<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	1	2	3
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	5	5
Total:			6	14	20

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>
1	ECA	Conseil scolaire de district catholique du Centre-Est de l'Ontario	6401 Renaud Rd Ottawa ON K1J 1A1	-/0.0	-0.15	15
1	GEN	Conseil des ecoles catholique du centre-est	6401 chemin Renaud orléans ON K1W 0H8	-/0.0	-0.15	15
1	GEN	Conseil des ecoles catholique du centre-est	6401 chemin Renaud orléans ON K1W 0H8	-/0.0	-0.15	15
1	GEN	Conseil des ecoles catholique du centre-est	6401 chemin Renaud orléans ON K1W 0H8	-/0.0	-0.15	16
1	PINC	ENBRIDGE GAS INC	6401 RENAUD RD.,OTTAWA,ON,K4B 1H9,CA ON	-/0.0	-0.15	16
1	GEN	Conseil des ecoles catholique du centre-est	6401 chemin Renaud orléans ON K1W 0H8	-/0.0	-0.15	17

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	WWIS		RENAUD RD/WHITE ST. OTTAWA ON <i>Well ID: 7242931</i>	ESE/82.6	0.51	17
3	EHS		Navan Road & Renaud Road Ottawa ON	S/105.9	0.01	20
4	PINC	ENBRIDGE GAS INC	6418 RENAUD RD,,OTTAWA,ON,K4B 1H9,CA ON	SE/181.4	0.86	20
5	EHS		Renaud Road Ottawa ON	E/191.1	1.45	20
6	WWIS		lot 3 con 4 ON <i>Well ID: 1510699</i>	SE/192.9	0.68	21
7	BORE		ON	SE/196.1	0.68	24
8	WWIS		lot 3 con 4 ON <i>Well ID: 1510705</i>	SE/196.2	0.68	25
9	WWIS		lot 3 con 4 ON <i>Well ID: 1512442</i>	SSE/196.3	0.51	28
10	SPL	Enbridge Energy Distribution Inc.	510 Yellow Birch St, Navan Ottawa ON	NW/201.1	-0.17	32
10	PINC	PIPELINE HIT 1/2"	510 YELLOW BIRCH ST,,OTTAWA,ON, K1W 0J3,CA ON	NW/201.1	-0.17	32
11	EHS		2504 White Street Navan ON K4B 1H9	ESE/229.6	1.36	33
11	EHS		2504 White Street Navan ON K4B 1H9	ESE/229.6	1.36	33

<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>
12	BORE		ON	SW/230.3	-1.17	33
13	WWIS		lot 3 con 3 ON <i>Well ID:</i> 1510818	SW/230.4	-1.17	34

Executive Summary: Summary By Data Source

BORE - Borehole

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

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	SE	196.06	<u>7</u>

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	SW	230.26	<u>12</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Sep 30, 2022 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Conseil scolaire de district catholique du Centre-Est de l'Ontario	6401 Renaud Rd Ottawa ON K1J 1A1	-	0.00	<u>1</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jul 31, 2022 has found that there are 4 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Navan Road & Renaud Road Ottawa ON	S	105.94	<u>3</u>
	Renaud Road Ottawa ON	E	191.13	<u>5</u>
	2504 White Street Navan ON K4B 1H9	ESE	229.62	<u>11</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	2504 White Street Navan ON K4B 1H9	ESE	229.62	11

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Apr 30, 2022 has found that there are 4 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Conseil des ecoles catholique du centre-est	6401 chemin Renaud orléans ON K1W 0H8	-	0.00	1
Conseil des ecoles catholique du centre-est	6401 chemin Renaud orléans ON K1W 0H8	-	0.00	1
Conseil des ecoles catholique du centre-est	6401 chemin Renaud orléans ON K1W 0H8	-	0.00	1
Conseil des ecoles catholique du centre-est	6401 chemin Renaud orléans ON K1W 0H8	-	0.00	1

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 3 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ENBRIDGE GAS INC	6418 RENAUD RD.,OTTAWA,ON,K4B 1H9,CA ON	SE	181.41	4
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ENBRIDGE GAS INC	6401 RENAUD RD.,OTTAWA,ON,K4B 1H9,CA ON	-	0.00	1

PIPELINE HIT 1/2"	510 YELLOW BIRCH ST.,OTTAWA, ON,K1W 0J3,CA ON	NW	201.15	10
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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.

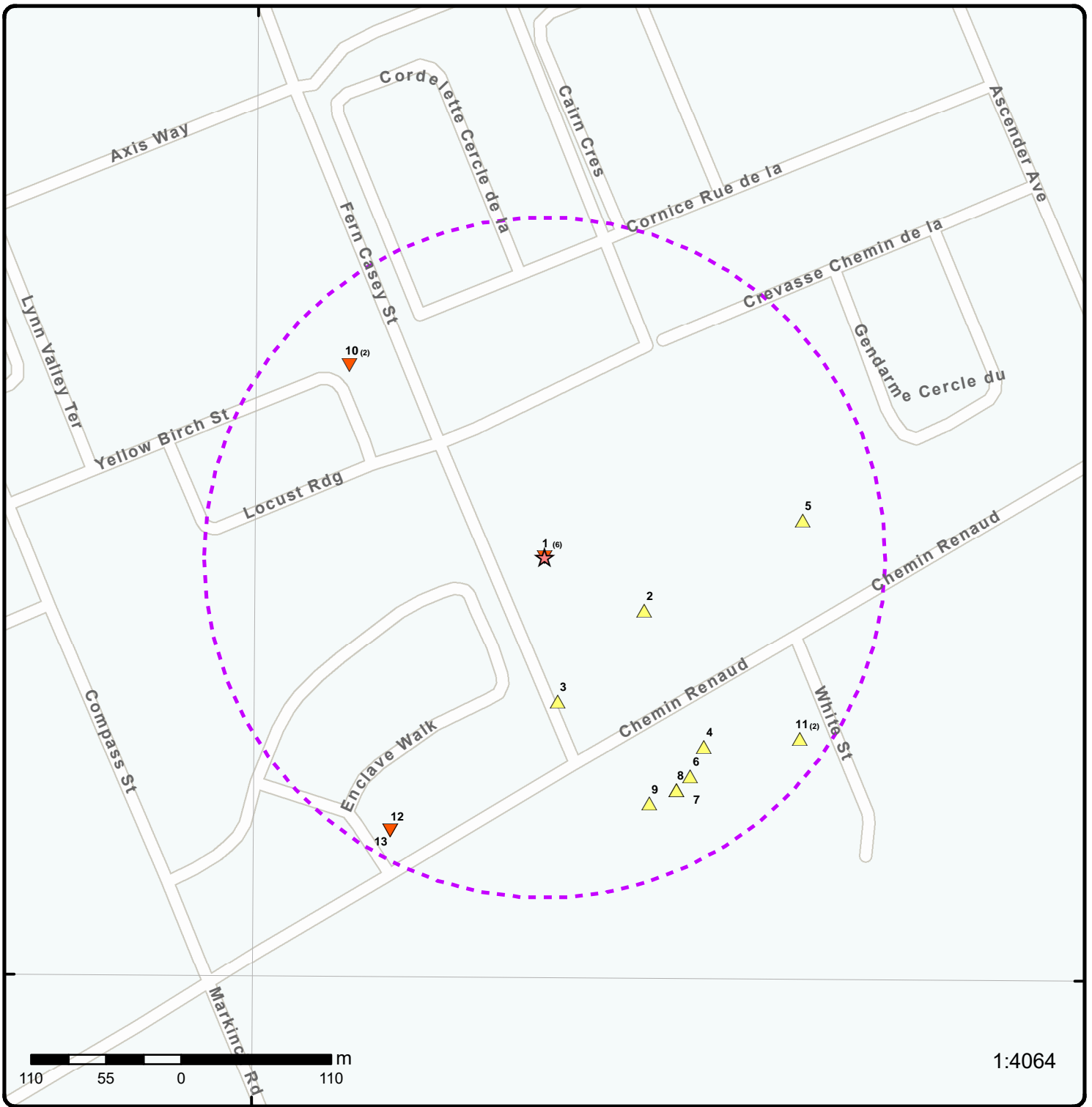
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Enbridge Energy Distribution Inc.	510 Yellow Birch St, Navan Ottawa ON	NW	201.15	10

WWIS - Water Well Information System

A search of the WWIS database, dated Jun 30 2022 has found that there are 5 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	RENAUD RD/WHITE ST. OTTAWA ON <i>Well ID: 7242931</i>	ESE	82.63	2
	lot 3 con 4 ON <i>Well ID: 1510699</i>	SE	192.94	6
	lot 3 con 4 ON <i>Well ID: 1510705</i>	SE	196.22	8
	lot 3 con 4 ON <i>Well ID: 1512442</i>	SSE	196.32	9

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 3 con 3 ON <i>Well ID: 1510818</i>	SW	230.38	13



Map: 0.25 Kilometer Radius

Order Number: 22102600513

Address: Part 6401 Renaud Road, Ottawa, ON



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



Aerial Year: 2022

Address: Part 6401 Renaud Road, Ottawa, ON

Source: ESRI World Imagery

Order Number: 22102600513



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75°31'30"W

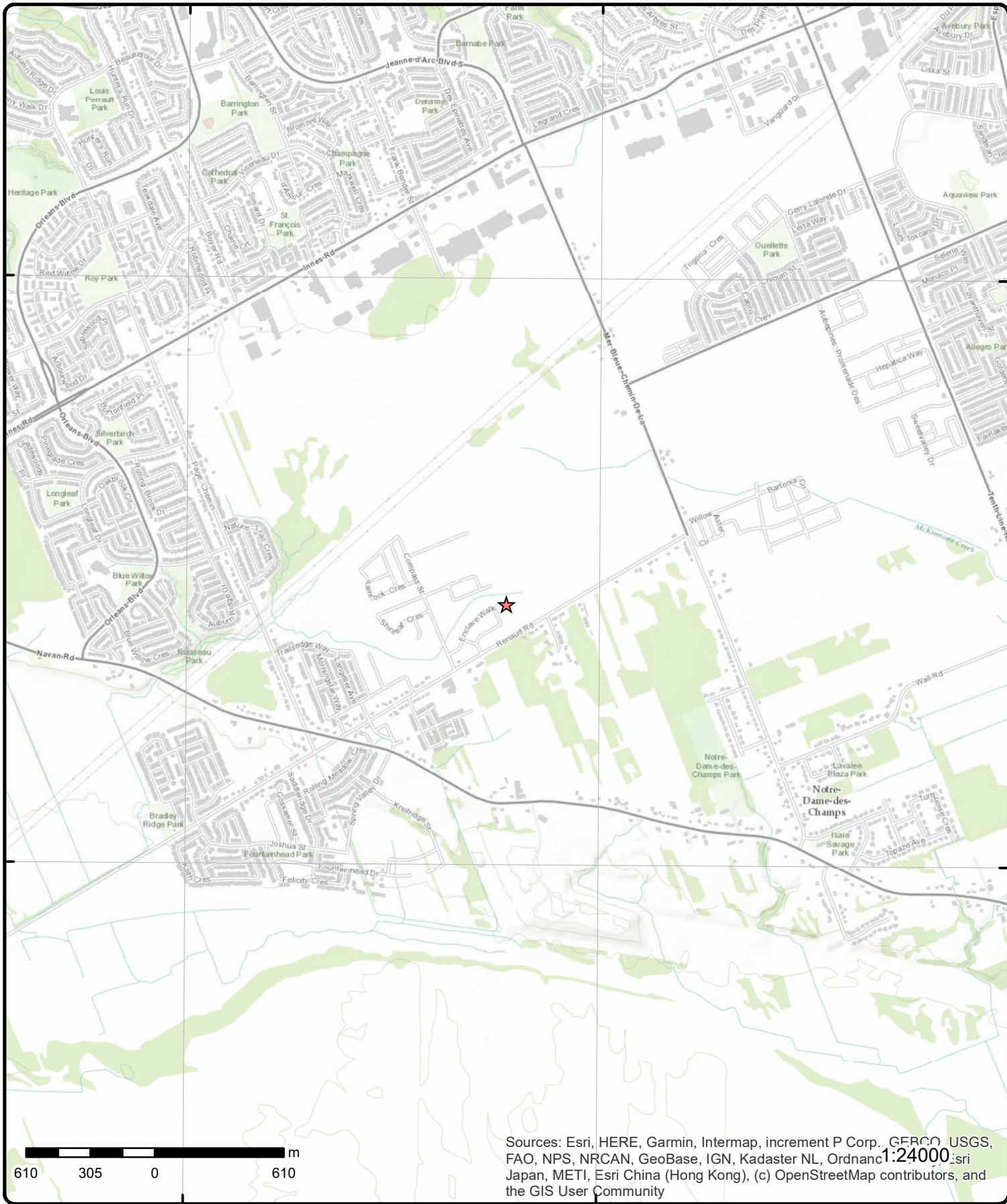
75°30'W

45°27'N

45°27'N

45°25'30"N

45°25'30"N



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

Topographic Map

Address: Part 6401 Renaud Road, ON

Source: ESRI World Topographic Map

Order Number: 22102600513



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Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1 Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address: Full PDF Link: PDF Site Location:	1 of 6 0511-9Y6HQ8 2015-07-09 Approved ECA IDS ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS MUNICIPAL AND PRIVATE SEWAGE WORKS Conseil scolaire de district catholique du Centre-Est de l'Ontario 6401 Renaud Rd	-/0.0 MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	83.9 / -0.15 ECA	Conseil scolaire de district catholique du Centre-Est de l'Ontario 6401 Renaud Rd Ottawa ON K1J 1A1	ECA
1 Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Detail(s) Waste Class: Waste Class Desc: Waste Class: Waste Class Desc: Waste Class: Waste Class Desc:	2 of 6 ON9583537 As of Dec 2018 Canada 148 C Misc. wastes and inorganic chemicals 263 I Misc. waste organic chemicals 270 A Other specified organic sludges, slurries or solids	-/0.0 Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	83.9 / -0.15 Registered	Conseil des ecoles catholique du centre-est 6401 chemin Renaud orléans ON K1W 0H8	GEN
1 Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country:	3 of 6 ON9583537 As of Jul 2020 Canada	-/0.0 Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	83.9 / -0.15 Registered	Conseil des ecoles catholique du centre-est 6401 chemin Renaud orléans ON K1W 0H8	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		270 A			
Waste Class Desc:		Other specified organic sludges, slurries or solids			
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		148 C			
Waste Class Desc:		Misc. wastes and inorganic chemicals			

<u>1</u>	4 of 6	-/0.0	83.9 / -0.15	Conseil des ecoles catholique du centre-est 6401 chemin Renaud orléans ON K1W 0H8	GEN
Generator No:	ON9583537			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Nov 2021			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	

<u>Detail(s)</u>					
Waste Class:		148 C			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		270 A			
Waste Class Desc:		Other specified organic sludges, slurries or solids			

<u>1</u>	5 of 6	-/0.0	83.9 / -0.15	ENBRIDGE GAS INC 6401 RENAUD RD,,OTTAWA,ON,K4B 1H9,CA ON	PINC
Incident Id:				Pipe Material:	
Incident No:	3112366			Fuel Category:	
Incident Reported Dt:	9/24/2021			Health Impact:	
Type:	FS-Pipeline Incident			Environment Impact:	
Status Code:				Property Damage:	
Tank Status:	Non Mandated			Service Interrupt:	
Task No:				Enforce Policy:	
Spills Action Centre:				Public Relation:	
Fuel Type:				Pipeline System:	
Fuel Occurrence Tp:				PSIG:	
Date of Occurrence:				Attribute Category:	
Occurrence Start Dt:				Regulator Location:	
Depth:				Method Details:	
Customer Acct Name:	ENBRIDGE GAS INC				
Incident Address:	6401 RENAUD RD,,OTTAWA,ON,K4B 1H9,CA				
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:					
Reported By:					
Affiliation:					
Occurrence Desc:					
Damage Reason:					
Notes:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	6 of 6	-0.0	83.9 / -0.15	Conseil des ecoles catholique du centre-est 6401 chemin Renaud orléans ON K1W 0H8	GEN
Generator No:	ON9583537			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Apr 2022			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:	148 C				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	270 A				
Waste Class Desc:	OTHER SPECIFIED ORGANICS				
Waste Class:	263 I				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				

<u>2</u>	1 of 1	ESE/82.6	84.6 / 0.51	RENAUD RD/WHITE ST. OTTAWA ON	WWIS
Well ID:	7242931			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Monitoring			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Observation Wells			Date Received:	11-Jun-2015 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z163964			Contractor:	1844
Tag:	A153987			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	GLOUCESTER TOWNSHIP				
Site Info:					

PDF URL (Map):

Additional Detail(s) (Map)

Well Completed Date: 2012/10/11
Year Completed: 2012
Depth (m): 6.1
Latitude: 45.4357642734144
Longitude: -75.5046693048175
Path:

Bore Hole Information

Bore Hole ID: 1005407166
DP2BR:
Elevation:
Elevrc:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Spatial Status:				Zone:	18
Code OB:				East83:	460527.00
Code OB Desc:				North83:	5031484.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	11-Oct-2012 00:00:00			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Loc Method Desc:	on Water Well Record				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1005660820				
Layer:	2				
Color:	6				
General Color:	BROWN				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	06				
Mat2 Desc:	SILT				
Mat3:	77				
Mat3 Desc:	LOOSE				
Formation Top Depth:	0.20000000298023224				
Formation End Depth:	0.5				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1005660821				
Layer:	3				
Color:	6				
General Color:	BROWN				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	05				
Mat2 Desc:	CLAY				
Mat3:	84				
Mat3 Desc:	SILTY				
Formation Top Depth:	0.5				
Formation End Depth:	6.099999904632568				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1005660819				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:	02				
Mat2 Desc:	TOPSOIL				
Mat3:	81				
Mat3 Desc:	SANDY				
Formation Top Depth:	0.0				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		0.20000000298023224			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1005660828			
Layer:		1			
Plug From:		0.0			
Plug To:		2.5999999046325684			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1005660827			
Method Construction Code:		F			
Method Construction:		H.S.A.			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1005660818			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1005660824			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0.0			
Depth To:		2.9000000953674316			
Casing Diameter:		3.180000066757202			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1005660825			
Layer:		1			
Slot:		10			
Screen Top Depth:		2.9000000953674316			
Screen End Depth:		5.900000095367432			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		3.880000114440918			
<u>Water Details</u>					
Water ID:		1005660823			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		1.600000023841858			
Water Found Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Hole Diameter</u>					
Hole ID:		1005660822			
Diameter:		20.299999237060547			
Depth From:		0.0			
Depth To:		6.099999904632568			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Links</u>					
Bore Hole ID:	1005407166			Tag No:	A153987
Depth M:	6.1			Contractor:	1844
Year Completed:	2012			Path:	724\7242931.pdf
Well Completed Dt:	2012/10/11			Latitude:	45.4357642734144
Audit No:	Z163964			Longitude:	-75.5046693048175
3	1 of 1	S/105.9	84.1 / 0.01	Navan Road & Renaud Road Ottawa ON	EHS
Order No:	20120418014			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	RSC Premium Package (Urban)			Client Prov/State:	ON
Report Date:	4/27/2012			Search Radius (km):	0.3
Date Received:	4/18/2012 12:36:00 PM			X:	-75.505476
Previous Site Name:				Y:	45.435159
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans;				
4	1 of 1	SE/181.4	84.9 / 0.86	ENBRIDGE GAS INC 6418 RENAUD RD,, OTTAWA, ON, K4B 1H9, CA ON	PINC
Incident Id:				Pipe Material:	
Incident No:	2678988			Fuel Category:	
Incident Reported Dt:	9/6/2019			Health Impact:	
Type:	FS-Pipeline Incident			Environment Impact:	
Status Code:				Property Damage:	
Tank Status:	Pipeline Damage Reason Est			Service Interrupt:	
Task No:				Enforce Policy:	
Spills Action Centre:				Public Relation:	
Fuel Type:				Pipeline System:	
Fuel Occurrence Tp:				PSIG:	
Date of Occurrence:				Attribute Category:	
Occurrence Start Dt:				Regulator Location:	
Depth:				Method Details:	
Customer Acct Name:	ENBRIDGE GAS INC				
Incident Address:	6418 RENAUD RD,, OTTAWA, ON, K4B 1H9, CA				
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:					
Reported By:					
Affiliation:					
Occurrence Desc:					
Damage Reason:					
Notes:					
5	1 of 1	E/191.1	85.5 / 1.45	Renaud Road Ottawa ON	EHS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Order No:	20130927012			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	03-OCT-13			Search Radius (km):	.25
Date Received:	27-SEP-13			X:	-75.50319
Previous Site Name:				Y:	45.436366
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Title Searches; Topographic Maps; City Directory; Aerial Photos				

<u>6</u>	1 of 1	SE/192.9	84.7 / 0.68	lot 3 con 4 ON	WWIS
Well ID:	1510699			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	30-Jul-1970 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1504
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	003
Depth to Bedrock:				Concession:	04
Well Depth:				Concession Name:	OF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	GLOUCESTER TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1510699.pdf				

Additional Detail(s) (Map)

Well Completed Date:	1969/02/20
Year Completed:	1969
Depth (m):	33.528
Latitude:	45.4346680733699
Longitude:	-75.5042274030095
Path:	151\1510699.pdf

Bore Hole Information

Bore Hole ID:	10032722	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	460560.80
Code OB Desc:		North83:	5031362.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	20-Feb-1969 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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**Overburden and Bedrock
Materials Interval**

Formation ID: 931015616
Layer: 3
Color: 6
General Color: BROWN
Mat1: 19
Most Common Material: SLATE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 100.0
Formation End Depth: 110.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931015614
Layer: 1
Color: 5
General Color: YELLOW
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931015615
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961510699
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Pipe ID:</i>		10581292			
<i>Casing No:</i>		1			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930058013			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>					
<i>Depth To:</i>		105.0			
<i>Casing Diameter:</i>		2.0			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930058014			
<i>Layer:</i>		2			
<i>Material:</i>		4			
<i>Open Hole or Material:</i>		OPEN HOLE			
<i>Depth From:</i>					
<i>Depth To:</i>		110.0			
<i>Casing Diameter:</i>		2.0			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Results of Well Yield Testing</u>					
<i>Pumping Test Method Desc:</i>		PUMP			
<i>Pump Test ID:</i>		991510699			
<i>Pump Set At:</i>					
<i>Static Level:</i>		30.0			
<i>Final Level After Pumping:</i>		40.0			
<i>Recommended Pump Depth:</i>		50.0			
<i>Pumping Rate:</i>		10.0			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		6.0			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		2			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>		No			
<u>Water Details</u>					
<i>Water ID:</i>		933465738			
<i>Layer:</i>		1			
<i>Kind Code:</i>		1			
<i>Kind:</i>		FRESH			
<i>Water Found Depth:</i>		110.0			
<i>Water Found Depth UOM:</i>		ft			
<u>Links</u>					
<i>Bore Hole ID:</i>	10032722			<i>Tag No:</i>	
<i>Depth M:</i>	33.528			<i>Contractor:</i>	1504

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Year Completed:	1969			Path:	151\1510699.pdf
Well Completed Dt:	1969/02/20			Latitude:	45.4346680733699
Audit No:				Longitude:	-75.5042274030095

<u>7</u>	1 of 1	SE/196.1	84.7 / 0.68	ON	BORE
Borehole ID:	616264			Inclin FLG:	No
OGF ID:	215517053			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	JUN-1970			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.434579
Total Depth m:	30.5			Longitude DD:	-75.504355
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	460551
Drill Method:				Northing:	5031352
Orig Ground Elev m:	86.3			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	88				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218403502			Mat Consistency:	
Top Depth:	25.9			Material Moisture:	
Bottom Depth:	29.9			Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Gravel			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GRAVEL. GREY.				
Geology Stratum ID:	218403501			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	25.9			Material Texture:	
Material Color:	Blue			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. BLUE.				
Geology Stratum ID:	218403503			Mat Consistency:	
Top Depth:	29.9			Material Moisture:	
Bottom Depth:	30.5			Material Texture:	
Material Color:	Dark			Non Geo Mat Type:	
Material 1:	Limestone			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	LIMESTONE. GREY. 00100000900000000500010100. BEDROCK. WEATHERED. BEDROCK. DARK,G				**Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence:
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 08772 NTS_Sheet:
Confiden 1:

Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

<u>8</u>	1 of 1	SE/196.2	84.7 / 0.68	lot 3 con 4 ON	WWIS
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Well ID: 1510705
Construction Date:
Use 1st: Domestic
Use 2nd: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
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: 23-Feb-1971 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 003
Concession: 04
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1510705.pdf

Additional Detail(s) (Map)

Well Completed Date: 1970/06/30
Year Completed: 1970
Depth (m): 30.48
Latitude: 45.434577500041
Longitude: -75.5043544455347
Path: 151\1510705.pdf

Bore Hole Information

Bore Hole ID: 10032725
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:

Elevation:
Elevec:
Zone: 18
East83: 460550.80
North83: 5031352.00

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	30-Jun-1970 00:00:00			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 931015622
Layer: 2
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 85.0
Formation End Depth: 98.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931015621
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 85.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931015623
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 98.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961510705			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10581295			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930058019			
Layer:		1			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		100.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991510705			
Pump Set At:					
Static Level:		34.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		6.0			
Flowing Rate:					
Recommended Pump Rate:		6.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934641195			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934097301			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		45.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934380036
 Test Type: Draw Down
 Test Duration: 30
 Test Level: 50.0
 Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934897981
 Test Type: Draw Down
 Test Duration: 60
 Test Level: 50.0
 Test Level UOM: ft

Water Details

Water ID: 933465741
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 100.0
 Water Found Depth UOM: ft

Links

Bore Hole ID:	10032725	Tag No:	
Depth M:	30.48	Contractor:	1504
Year Completed:	1970	Path:	151\1510705.pdf
Well Completed Dt:	1970/06/30	Latitude:	45.434577500041
Audit No:		Longitude:	-75.5043544455347

<u>9</u>	1 of 1	SSE/196.3	84.6 / 0.51	lot 3 con 4 ON	WWIS
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Well ID:	1512442	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:	0	Data Src:	1
Final Well Status:	Water Supply	Date Received:	24-Apr-1973 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	1504
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliability:		Lot:	003
Depth to Bedrock:		Concession:	04
Well Depth:		Concession Name:	OF
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1512442.pdf

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

Well Completed Date: 1972/06/02
Year Completed: 1972
Depth (m): 50.292
Latitude: 45.4344863618579
Longitude: -75.5046093315542
Path: 151\1512442.pdf

Bore Hole Information

Bore Hole ID:	10034433	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	460530.80
Code OB Desc:		North83:	5031342.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	02-Jun-1972 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 931020669
Layer: 2
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 114.0
Formation End Depth: 134.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931020670
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 134.0
Formation End Depth: 165.0
Formation End Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931020668			
Layer:		1			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		114.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961512442			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10583003			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930061030			
Layer:		1			
Material:		2			
Open Hole or Material:		GALVANIZED			
Depth From:					
Depth To:		136.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930061031			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		165.0			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991512442			
Pump Set At:					
Static Level:		3.0			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<i>Final Level After Pumping:</i>		40.0			
<i>Recommended Pump Depth:</i>		60.0			
<i>Pumping Rate:</i>		6.0			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		6.0			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		2			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>		No			

Draw Down & Recovery

Pump Test Detail ID: 934098780
Test Type: Draw Down
Test Duration: 15
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934647804
Test Type: Draw Down
Test Duration: 45
Test Level: 25.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934377479
Test Type: Draw Down
Test Duration: 30
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934895960
Test Type: Draw Down
Test Duration: 60
Test Level: 40.0
Test Level UOM: ft

Water Details

Water ID: 933467898
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 165.0
Water Found Depth UOM: ft

Links

Bore Hole ID: 10034433
Depth M: 50.292
Year Completed: 1972
Well Completed Dt: 1972/06/02

Tag No:
Contractor: 1504
Path: 151\1512442.pdf
Latitude: 45.4344863618579

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No:				Longitude:	-75.5046093315542
10	1 of 2	NW/201.1	83.9 / -0.17	Enbridge Energy Distribution Inc. 510 Yellow Birch St, Navan Ottawa ON	SPL
Ref No:	5061-APTRWD			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	8/1/2017			Health/Env Conseq:	2 - Minor Environment
Year:				Client Type:	Corporation
Incident Cause:				Sector Type:	Unknown / N/A
Incident Event:	Leak/Break			Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	510 Yellow Birch St, Navan
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:	1075			Site Region:	Eastern
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:	Air			Northing:	
MOE Response:	No			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	8/1/2017			Site Map Datum:	
Dt Document Closed:	10/21/2017			SAC Action Class:	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error			Source Type:	Pipeline/Components
Site Name:	Residential<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	TSSA FSB: 1/2" pl IP linestrike, made safe				
Contaminant Qty:	0 L				
10	2 of 2	NW/201.1	83.9 / -0.17	PIPELINE HIT 1/2" 510 YELLOW BIRCH ST,,OTTAWA,ON,K1W 0J3, CA ON	PINC
Incident Id:				Pipe Material:	
Incident No:	2130070			Fuel Category:	
Incident Reported Dt:	8/2/2017			Health Impact:	
Type:	FS-Pipeline Incident			Environment Impact:	
Status Code:				Property Damage:	
Tank Status:	Pipeline Damage Reason Est			Service Interrupt:	
Task No:				Enforce Policy:	
Spills Action Centre:				Public Relation:	
Fuel Type:				Pipeline System:	
Fuel Occurrence Tp:				PSIG:	
Date of Occurrence:				Attribute Category:	
Occurrence Start Dt:				Regulator Location:	
Depth:				Method Details:	
Customer Acct Name:	PIPELINE HIT 1/2"				
Incident Address:	510 YELLOW BIRCH ST,,OTTAWA,ON,K1W 0J3,CA				
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:					
Reported By:					
Affiliation:					
Occurrence Desc:					
Damage Reason:					
Notes:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
11	1 of 2	ESE/229.6	85.4 / 1.36	2504 White Street Navan ON K4B 1H9	EHS
Order No:	22030400242			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	09-MAR-22			Search Radius (km):	.25
Date Received:	04-MAR-22			X:	-75.503203
Previous Site Name:				Y:	45.434921
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				
11	2 of 2	ESE/229.6	85.4 / 1.36	2504 White Street Navan ON K4B 1H9	EHS
Order No:	22030400242			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	09-MAR-22			Search Radius (km):	.25
Date Received:	04-MAR-22			X:	-75.503203
Previous Site Name:				Y:	45.434921
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; City Directory; Aerial Photos				
12	1 of 1	SW/230.3	82.9 / -1.17	ON	BORE
Borehole ID:	616263			Inclin FLG:	No
OGF ID:	215517052			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	FEB-1970			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.434297
Total Depth m:	56.4			Longitude DD:	-75.507037
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	460341
Drill Method:				Northing:	5031322
Orig Ground Elev m:	86			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	87.7				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218403498			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	1.5			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SAND.				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Geology Stratum ID:	218403500			Mat Consistency:	
Top Depth:	38.1			Material Moisture:	
Bottom Depth:	56.4			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Slate			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SLATE. BROWN. 0018500.0 FEET.000900000000500010100. BEDROCK. WEATHERED. BEDROCK.				
Geology Stratum ID:	218403499			Mat Consistency:	
Top Depth:	1.5			Material Moisture:	
Bottom Depth:	38.1			Material Texture:	
Material Color:	Blue			Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY. BLUE.				
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Ident:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:				Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA2.txt RecordID: 08771 NTS_Sheet:				
Confiden 1:					
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
13	1 of 1	SW/230.4	82.9 / -1.17	lot 3 con 3 ON	WWIS
Well ID:	1510818			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Livestock			Data Entry Status:	
Use 2nd:	Domestic			Data Src:	1
Final Well Status:	Water Supply			Date Received:	22-Sep-1970 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1504
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	003
Depth to Bedrock:				Concession:	03
Well Depth:				Concession Name:	OF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Clear/Cloudy:				UTM Reliability:	
Municipality:		GLOUCESTER TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1510818.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		1970/02/20			
Year Completed:		1970			
Depth (m):		56.388			
Latitude:		45.4342955873939			
Longitude:		-75.5070367528521			
Path:		151\1510818.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10032828			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	460340.80
Code OB Desc:				North83:	5031322.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	20-Feb-1970 00:00:00			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931015901				
Layer:	3				
Color:	6				
General Color:	BROWN				
Mat1:	19				
Most Common Material:	SLATE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	125.0				
Formation End Depth:	185.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931015899				
Layer:	1				
Color:					
General Color:					
Mat1:	09				
Most Common Material:	MEDIUM SAND				
Mat2:					
Mat2 Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931015900			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5.0			
Formation End Depth:		125.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961510818			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10581398			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930058212			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		130.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930058213			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		185.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
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Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991510818
Pump Set At:
Static Level: 40.0
Final Level After Pumping: 55.0
Recommended Pump Depth: 70.0
Pumping Rate: 14.0
Flowing Rate:
Recommended Pump Rate: 6.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933465853
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 185.0
Water Found Depth UOM: ft

Links

Bore Hole ID:	10032828	Tag No:	1504
Depth M:	56.388	Contractor:	151\1510818.pdf
Year Completed:	1970	Path:	45.4342955873939
Well Completed Dt:	1970/02/20	Latitude:	-75.5070367528521
Audit No:		Longitude:	

Unplottable Summary

Total: 1 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
DTNK	SUPERIOR PROPANE INC	LOT 2 CON 3	NEPEAN TWP OTTAWA ON	M1E 2N4

Unplottable Report

Site: SUPERIOR PROPANE INC
LOT 2 CON 3 NEPEAN TWP OTTAWA ON M1E 2N4

Database:
DTNK

**Delisted Expired Fuel Safety
Facilities**

Instance No:	9558942	Expired Date:	8/1/1990
Status:	EXPIRED	Max Hazard Rank:	
Instance ID:		Facility Location:	
Instance Type:	FS Facility	Facility Type:	
Instance Creation Dt:		Fuel Type 2:	
Instance Install Dt:		Fuel Type 3:	
Item Description:		Panam Related:	
Manufacturer:		Panam Venue Nm:	
Model:		External Identifier:	
Serial No:		Item:	
ULC Standard:		Piping Steel:	
Quantity:		Piping Galvanized:	
Unit of Measure:		Tank Single Wall St:	
Overfill Prot Type:		Piping Underground:	
Creation Date:		Tank Underground:	
Next Periodic Str DT:		Source:	
TSSA Base Sched Cycle 2:			
TSSAMax Hazard Rank 1:			
TSSA Risk Based Periodic Yn:			
TSSA Volume of Directives:			
TSSA Periodic Exempt:			
TSSA Statutory Interval:			
TSSA Recd Insp Interva:			
TSSA Recd Tolerance:			
TSSA Program Area:			
TSSA Program Area 2:			
Description:			
Original Source:	EXP		
Record Date:	Up to May 2013		

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 -Sep 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 CPU's on the registry such as (EPA s. 168.6) - Certificate of Property Use.

Government Publication Date: 1994 - Sep 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- Sep 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 - Sep 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- Sep 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-Jul 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 ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report:

Provincial **EPAR**

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

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

List of Expired Fuels Safety Facilities:

Provincial **EXP**

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

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

Government Publication Date: Feb 28, 2022

Federal Convictions:

Federal **FCON**

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal **FCS**

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

Government Publication Date: Jun 2000-Sep 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 CO₂ eq).

Government Publication Date: 2013-Dec 2019

TSSA Historic Incidents:

Provincial

[HINC](#)

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

[IAFT](#)

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

[INC](#)

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

Government Publication Date: Feb 28, 2022

Landfill Inventory Management Ontario:

Provincial

[LIMO](#)

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

Government Publication Date: 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.

Government Publication Date: 1988-Aug 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-Aug 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 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 - Sep 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- Sep 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 in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks:

Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

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

Government Publication Date: 1994 - Sep 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-Sep 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

Variations 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- Sep 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: Jun 30 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
Part 6401 Renaud Road, Ottawa, Ontario
OTT-22024490-A0
November 4, 2022*

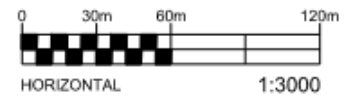
Appendix F: Aerial Photographs



LEGEND



APPROX. PROJECT AREA BOUNDARY



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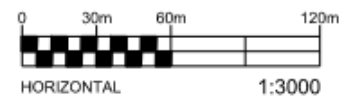
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DESIGN LW	CHECKED LW		scale 1:3,000
DRAWN BY AS		TITLE: AERIAL PHOTOGRAPH - 1965	FIG F-1



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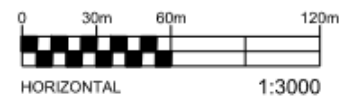
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DESIGN LW	CHECKED LW		scale 1:3,000
DRAWN BY AS		TITLE: AERIAL PHOTOGRAPH - 1976	FIG F-2



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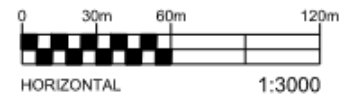
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DESIGN LW	CHECKED LW		scale 1:3,000
DRAWN BY AS		TITLE: AERIAL PHOTOGRAPH - 1991	FIG F-3



LEGEND



APPROX. PROJECT AREA BOUNDARY



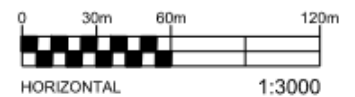
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DRAWN BY AS		TITLE: AERIAL PHOTOGRAPH - 1999	FIG F-4



LEGEND

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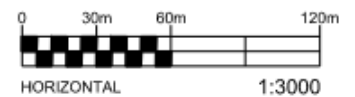
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DESIGN LW	CHECKED LW		scale 1:3,000
DRAWN BY AS		TITLE: AERIAL PHOTOGRAPH - 2008	FIG F-5



LEGEND

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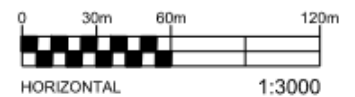
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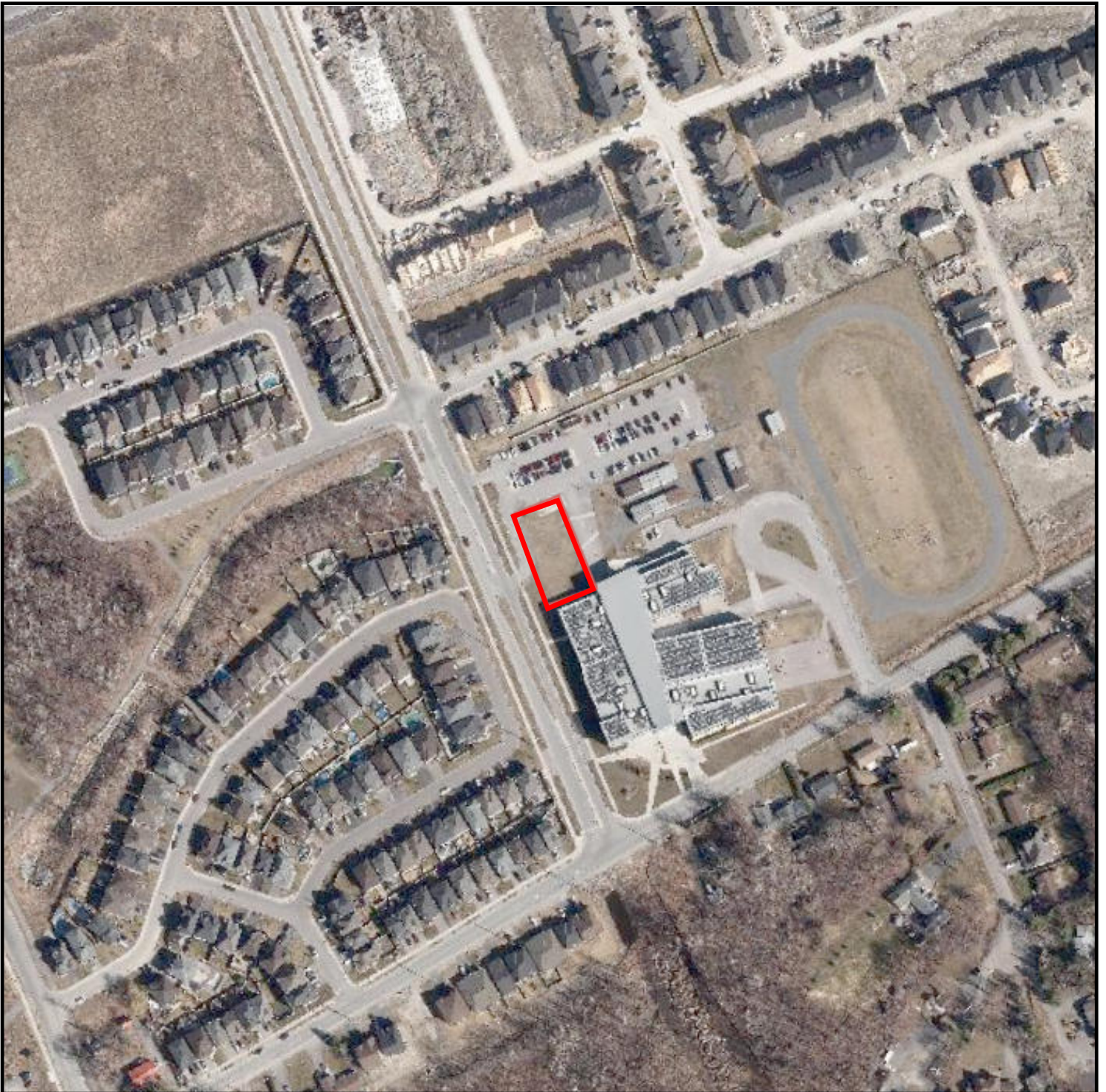
LEGEND

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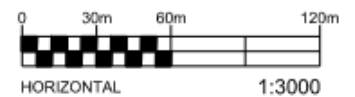
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DRAWN BY AS		TITLE: AERIAL PHOTOGRAPH - 2017	FIG F-7



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DESIGN LW	CHECKED LW		scale 1:3,000
DRAWN BY AS		TITLE: AERIAL PHOTOGRAPH - 2021	FIG F-8

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Phase One Environmental Site Assessment
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November 4, 2022*

Appendix G: Site Photographs



Photograph No. 1

View of the Phase One property looking southwest.



Photograph No. 2

View of the adjacent properties to the north of the Phase One property.



Photograph No. 3

View of the adjacent properties to the west of the Phase One property



Photograph No. 4

View of the adjacent property to the west of the Phase One property.

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