PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
2504 WHITE STREET, NAVAN, ONTARIO

Project No.: CCO-22-2100

Prepared for:

RE/MAX Absolute Realty Inc.
222 Somerset Street West
Ottawa, Ontario
K1G 0Z1

Prepared by:

McIntosh Perry Consulting Engineers Ltd.
115 Walgreen Road, RR3
Carp, ON
K0A 1L0

March 31, 2022

McINTOSH PERRY

Executive Summary

McIntosh Perry was retained by RE/MAX Absolute Realty Inc. to conduct a Phase One Environmental Site Assessment (ESA) for an existing residential dwelling located at 2504 White Street, Navan, Ontario ('the Site'). It is our understanding that the Site is currently occupied by a single-storey residential dwelling with a separate garage that exist immediately northwest of the dwelling and vacant undeveloped forested land to the west of the dwelling, and will be redeveloped with four (4) multi-unit residential buildings.

It is understood that this Phase One ESA is being completed as a component of the City of Ottawa Site Plan Approval process, in support of an application to redevelop the Site with a residential building. This represents a change to a more sensitive land use, and as such, a Record of Site Condition is required.

The Phase One ESA has been prepared in general accordance with the requirements of Ontario Regulation (O.Reg.) 153/04 as amended. The report is also in general compliance with "Phase I Environmental Site Assessment", Canadian Standards Association (CSA) standard CSA Z768-01, reaffirmed 2016.

Based on a review of aerial photographs and historical information, the Site appears to have been first developed with a residential dwelling between 1976 and 1986.

Based on a review of historical information, one Potential Contaminating Activities was identified within the Phase One Study Area, but it does not represent an Area of Potential Environmental Concerns in relation to the Site.

Potentially Contaminating Activities within the Phase One Study Area include the waste generated at 6401 Renaud Road, located approximately 60 metres northwest of the Site, from 2018-2021. Based on separation distance, this PCA does not represent an Area of Potential Environmental Concern to the Site.

Based on the absence of PCAs and APECS to the Site, a Phase Two ESA is not recommended for this Site.

TABLE OF CONTENTS

TABLES

FIGURES

APPENDICES

1.0 INTRODUCTION

McIntosh Perry was retained by RE/MAX Absolute Realty Inc. to conduct a Phase One Environmental Site Assessment (ESA) for an existing residential dwelling located at 2504 White Street, Navan (Ottawa), Ontario ('the Site'). The Site is currently occupied by a single-storey residential dwelling with a separate garage that exist immediately northwest of the dwelling and vacant undeveloped forested land to the west of the dwelling.

It is understood that this Phase One ESA is being completed as a component of the City of Ottawa Site Plan Approval process, in support of an application to redevelop the Site with a residential building. This does not represent a change to a more sensitive land use, and as such, a Record of Site Condition is not required under the Ontario Environmental Protection Act and O.Reg. 153/04 (as amended). Accordingly, this report has been prepared in general accordance with O.Reg. 153/04 (as amended).

The Site location is shown on Figure 1 (Site Location). The Site layout and features, including on-Site land use, are shown on Figure 2 (Site Layout). Current land uses of the Site and in the vicinity of the Site are shown on Figure 3 (Study Area and Surrounding Land Use). Regional topography and drainage are shown on Figure 4 (Drainage and Topography)

The intended future use of the Site will be four (4) multi-unit residential buildings.

1.1 Phase One Property Information

1.1.1 Property Identification

The legal description of the Site is as follows:

PT LT 2 CON 4OF GLOUCESTER; PT LT 3 CON 4OF GLOUCESTER PT 2 & 7, 5R6856; GLOUCESTER

PIN 043520268

1.1.2 Property Ownership and Contact Details

McIntosh Perry was retained to complete this Phase One ESA by Eric Longpré, who is currently retained by RE/MAX Absolute Realty Inc. for the redevelopment of the Site. McIntosh Perry's client contact person for the Site is Eric Longpré of RE/MAX Absolute Realty Inc. Mr. Longpré can be contacted at ericlongpre.remax@gmail.com or 613-296-5788

The Site is currently owned by Franc Paquette, Michael Nourishad and Eric Longpre. McIntosh Perry's site contact person for the Site is Eric Longpré of RE/MAX Absolute Realty Inc. Mr. Longpré can be contacted at ericlongpre.remax@gmail.com or 613-296-5788.

1.1.3 Current and Proposed Future Uses

The Site is currently used as a single-storey residential dwelling (considered residential land use under O.Reg. 153/04 as amended). It is proposed that the Site will be redeveloped with four (4) multi-unit residential buildings, representing residential land use under O.Reg. 153/04 as amended.

1.2 Surrounding Land Use

The Site is bounded to the north by residential dwellings followed by Renaud Road, which is followed by a high school, to the south by residential dwellings, to the east by White Street followed by residential dwellings which is followed by vacant undeveloped forested land, and to the west by vacant undeveloped forested land. Surrounding land use within the Phase One ESA study area is predominantly residential.

2.0 SCOPE OF INVESTIGATION

A Phase One ESA is a preliminary environmental screening tool designed to provide a qualitative assessment of the environmental condition of a site, based on a desktop review of available documentation pertaining to the site and observations made during a site visit. Sampling and chemical analysis of soils, groundwater, and/or other materials/substances are beyond the scope of work for a Phase One ESA.

The Phase One ESA has been prepared in general accordance with the requirements of the following legislation:

- Ontario Regulation (O. Reg.) 153/04 - Records of Site Condition (as amended).

The report is also in general compliance with:

- "Phase One Environmental Site Assessment", Canadian Standards Association (CSA) standard CSA Z768-01, Reaffirmed 2016.

A designated substances survey was not completed as part of the current investigation.

The subject property is not an 'Enhanced Investigation Property' as defined in O.Reg. 153/04 (as amended).

3.0 RECORDS REVIEW

3.1 General

3.1.1 Phase One Study Area Determination

The Phase One Study Area includes the following properties:

- The Site; and
- All properties within approximately 250 m of the Site boundary (Phase One Study Area).

The Phase One ESA Study Area, including surrounding land uses, is shown on Figure 2 & 3 (Site Layout & Surrounding Land Use respectively).

3.1.2 First Developed Use Determination

Based on a review of aerial photographs and historical information, the Site appears to have been first developed with a residential dwelling between 1976 and 1986.

3.1.3 Fire Insurance Plans

No Fire Insurance Plans (FIPs) were available for the Site.

3.1.4 Insurance Reports

No insurance reports were available for the Site.

3.1.5 Chain of Title

At the time of this report, a Chain of Title has not been completed.

3.1.6 Previous Environmental Reports

McIntosh Perry did not review any previous reports for the Site.

3.1.7 City Directories

City Directories were searched for the Site and surrounding properties for the years 1992 to 2011. Availability of city directories was somewhat limited by the COVID-19 pandemic resulting in restricted access to library facilities; however, the following city directory results are summarized as follows:

The Site was listed as follows:

- 1992, 1993, 1998/1999, 2002/2003, 2007/2008: Residential (1 Tenant)

The property at 2510 White Street was listed as follows:

- 1992, 1993, 1998/1999, 2002/2003: Residential (3 Tenants)

The property at 2516 White Street was listed as follows:

- 1992, 2007/2008: Residential (1 Tenant)
- 1993, 1998/1999, 2002/2003: Residential (2 Tenants)

The City Directory search did not identify any additional APECs at the Site or in the immediate vicinity of the Site. City directory search results are appended to this report as Appendix A.

3.2 Environmental Source Information

McIntosh Perry completed a records review to obtain information about the Site pertaining to items of actual and/or potential environmental concern.

3.2.1 Databases Searched

McIntosh Perry obtained information contained in the databases listed below from ERIS of Toronto, Ontario. Details about the sources of information and the years included for each database, as well as the pertinent information obtained from these databases are included in the ERIS report which is included as Appendix B.

Federal Government Databases:

- Environmental Effects Monitoring
- Environmental Issues Inventory System
- Federal Convictions
- Contaminated Sites on Federal Land
- Fisheries & Oceans Fuel Tanks
- Indian and Northern Affairs Fuel Tanks
- National Analysis of Trends in Emergencies System (NATES)
- National Defense & Canadian Forces Fuel Tanks
- National Defense & Canadian Forces Spills
- National Defense & Canadian Forces Waste Disposal Sites
- National Environmental Emergencies System (NEES)
- National PCB Inventory
- National Pollutant Release Inventory
- Parks Canada Fuel Storage Tanks
- Transport Canada Fuel Storage Tanks

Provincial Government Databases:

- Abandoned Aggregate Inventory
- Aggregate Inventory
- Abandoned Mines Information System
- Certificates of Approval
- Coal Gasification Plants

- Compliance and Convictions
- Drill Holes
- Environmental Registry
- Ontario Regulation 347 Waste Generators Summary
- Mineral Occurrences
- Non-Compliance Reports
- Ontario Oil and Gas Wells
- Ontario Inventory of PCB Storage Sites
- Ministry Orders
- Occurrence Reporting Information System
- Pesticide Register
- Private Fuel Storage Tanks
- Ontario Regulation 347 Waste Receivers Summary
- Record of Site Condition
- Wastewater Discharger Registration Database
- Waste Disposal Sites – MOE CA Inventory
- Waste Disposal Sites – MOE 1991 Historical Approval Inventory
- Water Well Information System

Private Databases:

- Anderson's Waste Disposal Sites
- Automobile Wrecking and Supplies
- Commercial Fuel Oil Tanks
- Chemical Register
- ERIS Historical Searches
- Canadian Mine Locations
- Oil and Gas Wells
- Canadian Pulp and Paper
- Retail Fuel Storage Tanks
- Scott's Manufacturing Directory
- Anderson's Storage Tanks

3.2.2 Database Findings Relevant to the Phase One ESA

The databases searched by ERIS contained no records pertaining to the Site.

The following records were returned for properties within the Phase One Study Area:

- Two (2) borehole records (BORE)
- One (1) Environmental Compliance Approvals (ECA)
- Two (2) ERIS Historical Searches

- Three (3) O.Reg. 347 Waste Generator records (GEN)
- One (1) Pipeline Incident records (PINC)
- Five (5) WWIS records (WWIS)

Relevant information from the ERIS report is summarized as follows:

Environmental Compliance Approvals

One ECA record was returned for 6401 Renaud Road, for an ECA for municipal and private sewage works. No environmental concerns to the Site are anticipated.

Ontario Regulation 347 Waste Generators

Three (3) Ontario Regulation 347 Waste Generator records were found within 300 m of the subject property. No records associated with the Site were returned. These records are summarized in Table below:

Table 1: Ontario Regulation 347 Waste Generators

Company	Address	Waste Description	Approval Years
Conseil des ecoles catholique du centre-est	6401 Renaud Road	Misc. wastes, organic and inorganic chemicals, Other specified organic sludges, slurries or solids	2018
Conseil des ecoles catholique du centre-est	6401 Renaud Road	Misc. wastes, organic and inorganic chemicals, Other specified organic sludges, slurries or solids	2020
Conseil des ecoles catholique du centre-est	6401 Renaud Road	Misc. wastes, organic and inorganic chemicals, Other specified organic sludges, slurries or solids	2021

Waste generator records by themselves do not necessarily pose a concern to the Site or represent PCAs per O.Reg. 153/04. However, the waste generation at 6401 Renaud Road (Collège catholique Mer Bleue) are likely due to school laboratory use and do represent a PCA. Based on the separation distance from the Site, these records do not result in an APEC to the Site.

3.2.3 MECP Freedom of Information Request

In order to identify any previous environmental reports concerning the subject property, a MECP Freedom of Information (FOI) request and a MECP Index Review Report request were submitted to the Local District Office for the Site by McIntosh Perry, on March 4, 2022 (the regular turn around time is one to two months).

At the time of this report, the Freedom of Information Request has not yet been received.

The index review report indicated that no active orders or approval records were returned for the Site.

MECP correspondence is provided in Appendix C of this report.

3.2.4 TSSA Information Request

An FOI request was submitted to the Technical Standards and Safety Authority (TSSA) on March 3, 2022. A response was received on March 3, 2022, in which TSSA indicated that no fuel storage tank records were returned for 2504 White Street; this is consistent with the ERIS search results.

A copy of the TSSA response is provided in Appendix C.

3.2.5 Historic Land Use Inventory (HLUI) Request

A Historic Land Use Inventory (HLUI) request was submitted to the City of Ottawa to determine historic land uses for the Phase One Study Area. At the time of this report, the Historic Land Use Inventory Request has not yet been received.

3.2.6 MECP Instruments (PTTW)

A search for all available MECP Instruments, including Certificates of Authorization, Permits To Take Water, and other records, was completed as part of the ERIS report for the Site, discussed in previous sections. No records were identified which represented environmental concerns to the Site.

3.2.7 MECP Incident Reports

The ERIS report discussed above did not identify any MECP incident reports with respect to the Site or surrounding properties.

3.2.8 MECP Brownfields Environmental Site Registry

The MECP Brownfields Environmental Site Registry was searched as part of the ERIS report, discussed in previous sections. No RSCs have been filed for the Site or immediately adjacent properties.

3.2.9 City of Ottawa Landfill Sites

The document titled 'Old Landfill Management Strategy – Phase 1 – Identification of Sites' prepared by Golder Associates, dated October 2004, was reviewed as part of this Phase One ESA.

This report provides an in-depth summary of former landfill sites within the City of Ottawa, as identified by a variety of research sources. No former landfills were identified within the Phase One ESA study area.

3.2.10 Former City of Ottawa Industrial Sites

The report titled 'Mapping and Assessment of Former Industrial Sites, City of Ottawa', prepared by Intera Technologies Ltd., dated July 1988, was reviewed as part of this Phase One ESA. The Phase One Study Area is located outside of the area covered by this report.

3.3 Physical Setting Sources

3.3.1 Aerial Photographs and Satellite Images

Table 1 describes observations about current and historical land use for the Site and surrounding properties that were noted during a limited review of aerial photos, included in Appendix D. Current land uses are included on Figure 3.

Table 2: Aerial Photograph and Satellite Imagery Summary

Date	Origin	Observations
1945	ERIS	The Site consists of undeveloped forested land. To the north is a road similar in location and orientation to present day Renaud Road. To the east, south, and west of the Site is undeveloped forested and agricultural land.
1953	ERIS	The Site and Study Area remain relatively unchanged since 1945. There is more vegetative growth, which may be due to time of year the air photo was taken.
1965	ERIS	The Site and Study Area remain relatively unchanged since 1953. Some residential development has occurred east and west of the Site and Study Area along Renaud Road.
1976	ERIS	The Site remains relatively unchanged since 1965. A road similar in location and orientation to present day White Street was developed. Residential development has occurred to the immediate north and south of the Site. Residential development has occurred to the east of the Site across White Street. Additional residential development has occurred east and west of the Site and Study Area along Renaud Road.
1986	ERIS	The Site has been developed with the residential dwelling with undeveloped land to the immediate west. Surrounding areas remain relatively unchanged since 1976 with the exception additional residential development occurring east of the Site and Study Area along Renaud Road. Air photo quality is poor.
1991	ERIS	The Site remains relatively unchanged since 1986. Additional residential development has occurred to the immediate north and south of the Site, and to the east of the Site across White Street. There is more municipal vegetative growth, which may be due to time of year the air photo was taken.
2005	ERIS	The Site and Study Area remains relatively unchanged since 1991.
2015	ERIS	The Site and Study Area remains relatively unchanged since 2005. Additional residential development has occurred west of the Site and Study Area along Renaud Road. A road similar in location and orientation to Fern Casey Street is in the development process and a high school has begun development northwest of the Site along Renaud Road and Rue Fern Casey Street.

Table 2: Aerial Photograph and Satellite Imagery Summary		
Date	Origin	Observations
2017	Google Earth	The Site and Study Area remains relatively unchanged since 2015. Additional residential development has occurred west of the Site and Study Area along Renaud Road. A road similar in location and orientation to Fern Casey Street has been developed. The high school located at Renaud Road and Fern Casey Street has finished been developed with an associated track.
2021	Google Earth	The Site and Study Area remains relatively unchanged since 2017. Additional residential development has occurred west and east of the Site and Study Area along Renaud Road. Additional development of residential property and roadways have begun north, east, and west of the high school.

A review of the above aerial photographs did not indicate further potentially contaminating activities on the Site or within the Study Area.

3.3.2 Topography

Elevation at the Site ranges from approximately 87 to 90 m above sea level (m asl). The topography is generally flat, with regional topography sloping downward to the southwest (see Figure 4).

3.3.3 Hydrology

The Site occurs within the Bear Brook watershed. Site drainage is presumed to consist of overland flow to permeable ground surfaces as well as overland flow to municipal sewers along Renaud Road.

3.3.4 Geology

3.3.4.1 Surficial Geology

Geological maps of the area classify the overburden at the Site as medium-to-fine-grained deltaic and estuarine deposits, which consist of sand (OGS, 2017).

3.3.4.2 Bedrock Geology

Geological maps of the area classify the bedrock under the Site as predominantly shale, limestone, dolostone, and siltstone of the Georgian Bay, Blue Mountain or Billings formation, as well as the Collingwood and Eastview Members (OGS, 2017).

3.3.5 Hydrogeology

The Site occurs within the Bear Brook watershed, a subwatershed of the South Nation River - Lower Ottawa River watershed. The site is located to the south of the Ottawa River. On a local and regional scale groundwater will flow either northeast to McKinnon's Creek, or southwest towards the Green's Creek, a tributary of the Ottawa River.

3.3.6 Fill Materials

Fill material was not encountered at the Site during the 2022 McIntosh Perry Site Reconnaissance.

3.3.7 Water Bodies and Areas of Natural Significance

The closest permanent waterbody is McKinnons Creek, located approximately 1.0 km northeast respectively.

When completing a Phase One ESA, considerations are made for the following MNRF-maintained areas of natural significance:

- Areas of Natural and Scientific Interest (ANSIs);
- Provincially Significant Wetlands (PSWs); and,
- Wildlife Management Areas (WMAs).

No areas of natural significance were observed within the Study Area.

3.3.8 Well Records

Water well records were searched as a component of the ERIS report and The Water Well Information System (WWIS), which is a provincial database that documents well records data from 1899 – June 30, 2016. The database describes locations and characteristics of water wells found in Ontario in accordance with Ontario Regulation 903. One domestic water supply well record was found on Site in 1969, and two (2) domestic water supply well records were observed for adjacent properties in 1970 and 1972, using the WWIS. No other monitoring well records were encountered within the Phase One Study Area; however, no apparent current water well records were encountered as the Site and Phase One Study Area are municipally serviced.

3.3.9 Site Operating Records

Site operating records were not available for the Site.

4.0 INTERVIEWS

McIntosh Perry personnel conducted an interview via email with Eric Longpre, Sales Representative of the RE/MAX Absolute Realty Inc., to obtain information about the subject property pertaining to items of actual and/or potential environmental concern. Information collected during this interview was used to corroborate data from other sources. Mr. Longpre was interviewed by email on March 29, 2022 and was selected for interview due to being a representative for the Site and based on his knowledge of the Site.

Mr. Longpre did not identify any additional environmental concerns that would potentially result in PCAs or APECs at the Site.

The full interview record is provided as Appendix E.

Note that statements made by those interviewed were not made categorically and are limited to personal knowledge of, and experience with, the subject property. The significance of environmental concerns that have been identified by other methods was not reduced based on the interview statements.

5.0 SITE RECONNAISSANCE

The objectives of the site reconnaissance were as follows:

- To identify potential environmental concerns associated with current and past uses of the Site;
- To identify Potentially Contaminating Activities (PCAs) on, in, or under the Site;
- To identify, as practical, current and past uses, activities, and PCAs in the vicinity of the Site; and
- To identify details of potential contaminant pathways on, in, or under the Site and potential environmental concerns and contaminants of potential concern.

McIntosh Perry had open and ready access to all interior and exterior areas of the Site during the site visit.

5.1 General Requirements

McIntosh Perry conducted the Site reconnaissance on March 21, 2022 (from approximately 1:00 am to 1:45 pm). Dan Arnott of McIntosh Perry inspected all areas of the Site and observed other properties in the Study Area from publicly accessible locations.

Weather conditions at the time of the Site visit were clear and sunny with a temperature of approximately 2 degrees Celsius.

The Site is not considered an Enhanced Investigation Property under the requirements of O.Reg. 153/04. The Site is currently occupied by a single-storey slab-on-grade concrete block building with a flat tar and gravel roof. The building is currently occupied by the facilities team of the Shepherds of Good Hope. Surrounding land use is primarily residential and commercial with some institutional land use. Land use in the vicinity is shown on Figure 3.

Photographs of the Site are included in Appendix F. A brief description is included with each photograph, including location and orientation where applicable.

Reporting for this assignment was completed by Jenna Gaetano, B.Sc., of McIntosh Perry. Jenna has completed dozens of Phase I/One Environmental Site Assessments for properties throughout Ontario for a variety of private and public sector clients. Field assessment and senior review were completed by Dan Arnott, P.Eng., of McIntosh Perry. Dan has successfully completed hundreds of Phase I/One and II/Two ESAs for residential, commercial, and institutional properties across Ontario and is a Qualified Person (QP) under O.Reg. 153/04.

McIntosh Perry is licensed to practice engineering and geoscience in the Province of Ontario. McIntosh Perry holds Certificates of Authorization with the Professional Engineers of Ontario (PEO) and Professional Geoscientists Ontario (PGO) and is a full member of the Association of Consulting Engineering Companies (ACEC).

5.2 Specific Observations at the Phase One Property

5.2.1 Structures and Other Improvements

The Site is currently occupied by a single-storey wood-frame brick-clad house with a poured concrete foundation and one basement level A single-storey slab-on-grade wood-frame garage building is present to the northwest of the house. No other structures or improvements are present on the Site.

5.2.2 Below Ground Structures

No below ground structures were encountered at the Site.

5.2.3 Storage Tanks

No aboveground storage tanks (ASTs) or evidence of underground storage tanks (USTs) were observed during the time of the Site visit.

5.2.4 Hazardous Materials

No hazardous materials were identified on Site.

5.2.5 Potable and Non-Potable Water Sources

The Site is serviced by the City of Ottawa municipal water distribution system. No potable water wells were encountered on-Site. One apparent dug well equipped with a hand pump was observed at a residential dwelling at the southwest corner of White Street and Renaud Road; however, this well does not appear to be used to service the residential dwelling at that property.

5.2.6 Underground Service Trenches

Underground service trenches for water and gas are interpreted to run between the building and White Street. At the time of the site visit, it appeared that underground service locates had recently been completed or were in progress, as the underground electrical service running from a utility pole along White Street in a westerly direction towards the southeast corner of the house was flagged. No sewer trenches are considered to be present as the Site is serviced by a private on-site sewage system.

5.2.7 Exit and Entry Points

All exit and entry points to the Site were inspected. No concerns were identified.

5.2.8 Existing and Former Heating Systems

The Site is currently heated by a gas-fired forced air furnace. No information regarding former heat sources was identified during the site visit; no ASTs or evidence of USTs was identified.

5.2.9 Cooling Systems

A central air conditioner was present on the west wall of the house.

5.2.10 Drains, Pits, and Sumps

In the furnace room in the basement of the house, a sewage pit was present. Based on information provided by the tenant, sewage from the pit was pumped via electric pump to the septic bed in the front of the house. No other drains, pits or sumps were observed at the Site.

5.2.11 Unidentified Substances

No unidentified substances were observed at the Site.

5.2.12 Stains and/or Corrosion Near Drains, Pits, and Sumps

No staining was observed at the Site.

5.2.13 Well Details

No wells were observed on-Site.

5.2.14 Details of Sewage Works

The Site is serviced by a private on-site sewage system. The septic bed was reportedly present on the east side (front) of the house.

5.2.15 Ground Surface Details

The ground surfaces of the Site consist of paved asphalt driveways and grassed lawns to the east of the house, and predominantly wooded areas to the west.

5.2.16 Current and Former Railway Lines

No current or former railway lines were encountered at the Site or adjacent properties.

5.2.17 Staining to Soil, Vegetation, or Pavement

No staining to the soil, vegetation or pavement was identified at the time of the Site visit.

5.2.18 Stressed Vegetation

No stressed vegetation was observed at the Site.

5.2.19 Fill and Debris

No areas of fill placement were observed at the Site. Minor debris was observed in the wooded area, consisting of an apparent bench seat from an automobile. No environmental concerns were identified.

5.2.20 Mould

No mould-like substances were observed at the Site. However, it is noted that due to the ongoing COVID-19 pandemic, an extensive inspection of living areas was not completed.

5.3 Surrounding Properties

Surrounding land use in the vicinity of the Site generally consisted of the following:

- North – Residential dwellings followed by Renaud Road, followed by a high school;
- South – Residential dwellings;
- East – White Street followed by residential dwellings, followed by vacant undeveloped forested land;
- West – Vacant undeveloped forested land.

6.0 REVIEW AND EVALUATION OF INFORMATION

The following sections provide a review, evaluation and an interpretation of the information from the records review, interviews and site reconnaissance.

6.1 Current and Past Uses of Phase One Property

The Site is currently occupied by a single-storey residential dwelling with a separate garage that exist immediately northwest of the dwelling and vacant undeveloped forested land to the west of the dwelling. Based on a review of aerial photographs, the present-day site building was constructed on-Site between 1976 and 1986. Prior to 1986 the Site was undeveloped forested land.

6.2 Potentially Contaminating Activities

One PCA was identified within the Phase One ESA Study Area and is summarized below.

- The waste generated at 6401 Renaud Road, located approximately 60 metres northwest of the Site, from 2018-2021 does represent a PCA. However, based on separation distance, this PCA does not represent an APEC.

6.3 Areas of Potential Environmental Concern (APEC)

No APECs were identified at the Site or within the Phase One ESA Study Area.

6.4 Phase One Conceptual Site Model

This Phase One Conceptual Site Model is prepared as part of a Phase One Environmental Site Assessment (Phase One ESA) for the Phase One Property identified in Section 1.1.1 of this report, addressed as 2504 White Street, Navan, Ontario. (hereinafter referred to as the “Phase One Property” or the “Site”). A Site Location Plan is presented on Figure 1.

Based on the records review, the Phase One Property appears to have been first developed with a residential dwelling between 1976 and 1986. It is our understanding that that the Site will be redeveloped with four (4) multi-unit residential buildings, and as such, a Record of Site Condition will not be required. It is proposed that the Site will be redeveloped with four (4) multi-unit residential buildings, representing residential land use under O.Reg. 153/04 as amended.

The legal description of the Site is as follows:

PT LT 2 CON 4OF GLOUCESTER; PT LT 3 CON 4OF GLOUCESTER PT 2 & 7, 5R6856; GLOUCESTER

PIN 043520268

Land use in the Site residential.

7.0 CONCLUSIONS

Based on a review of historical information, one Potential Contaminating Activities was identified within the Phase One Study Area, but it does not represent an Area of Potential Environmental Concerns in relation to the Site.

Potentially Contaminating Activities within the Phase One Study Area include the waste generated at 6401 Renaud Road, located approximately 60 metres northwest of the Site, from 2018-2021. Based on separation distance, this PCA does not represent an APEC to the Site.

7.1 Is a Phase 2 ESA Required?

Based on the absence of PCAs and APECS to the Site, a Phase Two ESA is not recommended for this Site.

8.0 LIMITATIONS

The information presented in this report is based on the historical data obtained from readily available public records, information provided by others and direct visual observation made by personnel with McIntosh Perry as identified herein. This assessment did not include such tasks as sample gathering, laboratory testing, or intrusive investigations. Recommendations contained within our report reflect our informed opinion based on the information gathered during our investigation. The findings cannot be extended to components of the building or portions of the Site that were not reviewed or that were concealed or unavailable for direct observation at the time of our visit.

This report describes the potential for significant negative environmental conditions being present on the property and is intended to reduce, but not necessarily eliminate, uncertainty regarding the potential for significant environmental conditions to exist on the property. Where this potential exists, the further reduction or elimination of uncertainty requires the performance of a Phase II Environmental Site Assessment (ESA), i.e. sample gathering, laboratory testing and intrusive investigation.

No legal survey, soil test, detailed structural engineering investigation, or quantity survey compilation have been made. No responsibility, therefore, is assumed concerning these matters, or for any failure to carry out those technical or engineering procedures required to discover any inherent or hidden condition of this property since such investigation work was not included in the terms of reference governing this study.

This Phase I ESA is not an audit of environmental management practices and does not identify geotechnical conditions or geologic hazards of the Site.

The conclusions and recommendations detailed in this report are based upon the information available at the time of preparation of the report. No investigative method eliminates the possibility of obtaining imprecise or incomplete information. Professional judgement was exercised in gathering and analyzing the information obtained and in the formulation of our conclusions and recommendations. The recommendations are not intended to be utilized as a detailed specification for any remedial work that may be required. McIntosh Perry accepts no responsibility for interpretation of our recommendations, or actions taken based on them without our consultation and supervision.

McIntosh Perry does not certify or warrant the environmental status of the property nor the building on the property.

Information provided by McIntosh Perry is intended for Client use only. McIntosh Perry will not provide results or information to any party other than the Client, unless the Client, in writing, requests that information be provided to a third party or unless disclosure by McIntosh Perry is required by law. Any use by a third party, of reports or documents authored by McIntosh Perry, or any reliance by a third party, or decisions made by a third party, on the findings described in reports or documents authored by McIntosh Perry, is the sole responsibility of such third parties. McIntosh Perry accepts no responsibility for damages suffered by any third party as a result of decisions made or work carried out based on reports or documents authored by McIntosh Perry.

McIntosh Perry makes no representations concerning the legal and medical significance of our findings. With respect to regulatory compliance requirements, regulations change from time to time and interpretation of their meaning and intent may also change. McIntosh Perry accepts no responsibility for any legal interpretation of the Regulations, or the consequent financial effect on transactions, property values, or requirements for follow-up actions and costs.

The liability of McIntosh Perry or its staff is limited to the fees paid or actual damages incurred by the Client, whichever is less. McIntosh Perry is not responsible for consequential or indirect damages. All claims by the Client shall be deemed relinquished if not made within two years after last date of services provided.

Please note that the passage of time affects the information provided in the report. Environmental conditions of a Site can change. Opinions relating to the site conditions are based upon information that existed at the time that the conclusions were formulated.

The Client expressly agrees that it has entered into this agreement with McIntosh Perry, both on its own behalf and as agent on behalf of its employees and principals.

The Client expressly agrees that McIntosh Perry's employees and principals shall have no personal liability to the Client in respect of a claim, whether in contract, tort and/or any other cause of action in law. Accordingly, the Client expressly agrees that it will bring no proceedings and take no action in any court of law against any of McIntosh Perry's employees or principals in their personal capacity.

We trust that this information is satisfactory for your present requirements. Should you have any questions or require additional information, please do not hesitate to contact the undersigned.

Respectfully submitted,

McIntosh Perry Consulting Engineers Ltd.

Dan Arnott, P.Eng., QP_{ESA}
Geo-Environmental Engineer

Jenna Gaetano, B.Sc (Hons)
Environmental Scientist

u:\ottawa\01 project - proposals\2022 jobs\cco\cco-22-2100 fotenn_2504 white st\phase one esa\07 reports\draft\cco-22-2100_phase one esa_2504 white st_draft_29mar2022 dja.docx

9.0 REFERENCES

ERIS , 2021. Site-Specific Search Report Results.

Natural Resources Canada (NRCAN), 2011. Geobase online mapping tool: Hydro Network GIS Data accessed through <http://geobase.ca/geobase/en/viewer.jsp?group=nhn>.

Ontario Geologic Survey (OGS), 2019 GIS Data for bedrock and surficial geology stratigraphy.

Ontario Ministry of Environment, Conservation and Parks (MECP), Ontario Regulation (O.Reg.) 153/04; Records of Site Condition – Part XV.1 of the Act (i.e. The Environmental Protection Act), as amended.

Ontario Geological Survey (OGS), 2019 – Google EarthTM (website: http://www.mndmf.gov.on.ca /mines/ogs_earth _e.asp).

Ontario Ministry of Natural Resources and Forestry, Areas of Natural and Scientific Interest, 2019.

Ontario Ministry of the Environment, Conservation and Parks, Records of Site Condition (filed between October 1, 2004 and June 30, 2011). Source: https://www.lrcsde.lrc.gov.on.ca/besrWebPublic/generalSearch

Ontario Ministry of the Environment, Conservation and Parks, Records of Site Condition (filed since July 1, 2011). Source: https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/searchFiledRsc_search?request_locale=en

Ontario Ministry of the Environment, Conservation and Parks, Records for Locations of Small Landfill Sites. Source: https://data.ontario.ca/dataset/small-landfill-sites

Ontario Ministry of the Environment, Conservation and Parks, Records for Locations of Large Landfill Sites. Source: https://www.ontario.ca/page/large-landfill-sites-map

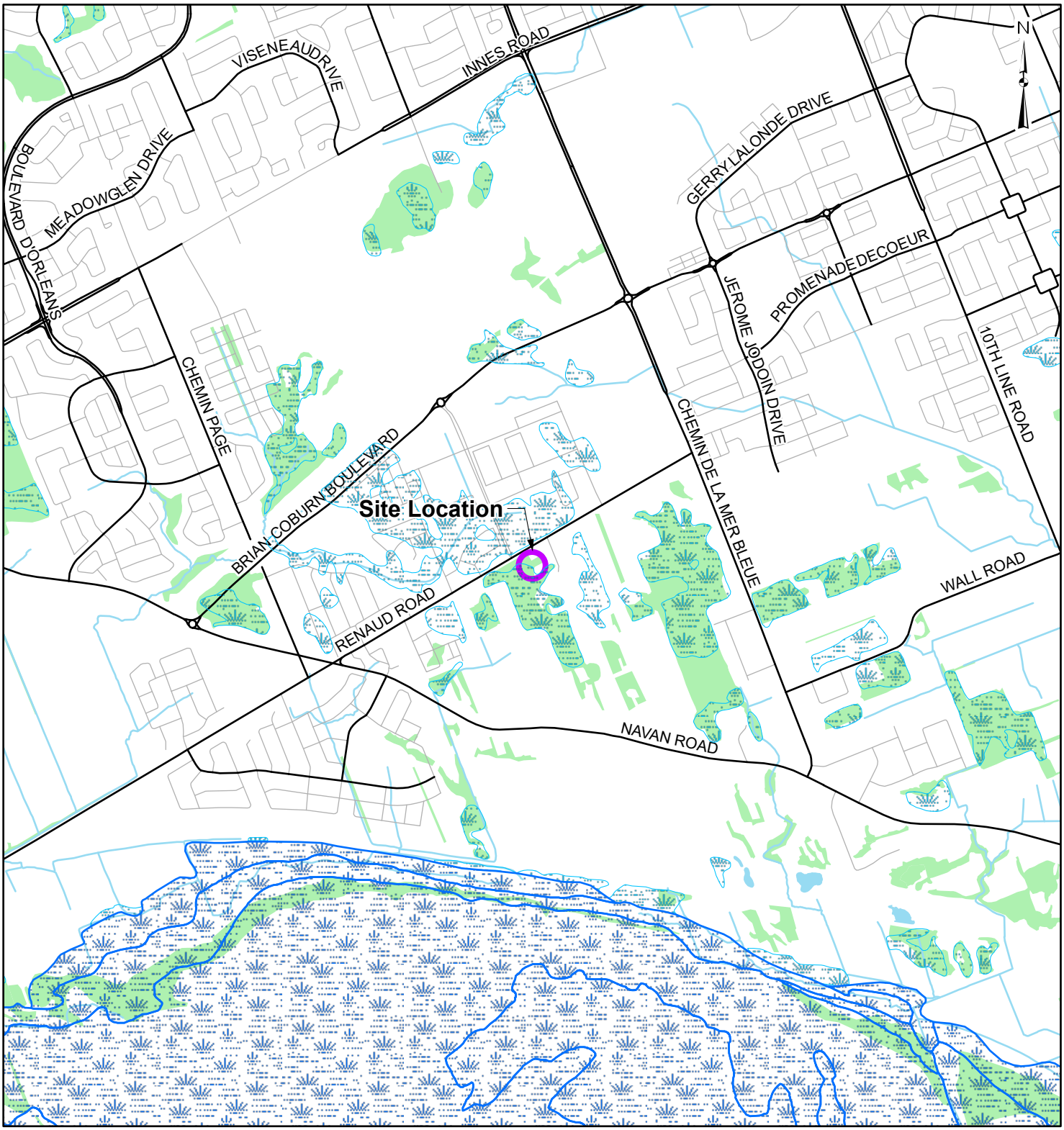
Ontario Ministry of the Environment, Conservation and Parks, Environmental Compliance Reports Records. Source: https://data.ontario.ca/dataset/environmental-compliance-reports

Ontario Ministry of the Environment, Conservation and Parks, Environmental Penalties Records. Source: https://www.ontario.ca/search/search-results?query=environmental%20penalties

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
2504 WHITE STREET, NAVAN, ONTARIO

FIGURES

McINTOSH PERRY



LEGEND

- SiteLocation
- Local Road
- Major Road
- Watercourse
- Waterbody
- Wooded Area
- Unevaluated Wetland
- Provincially Significant Wetland

REFERENCE

GIS data provided by the Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry, 2022.

CLIENT: RE/MAX ABSOLUTE REALTY INC

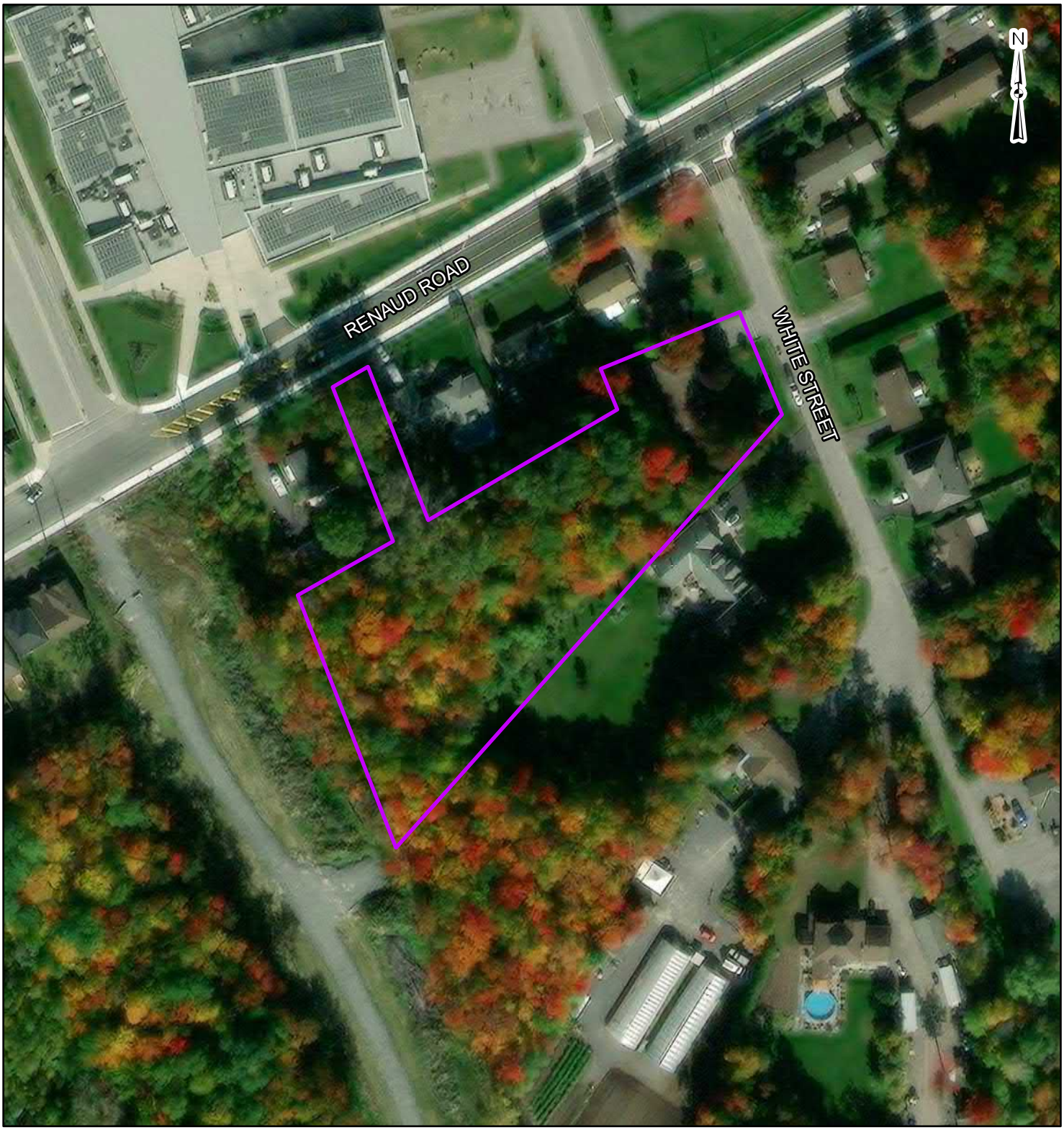
PROJECT: PHASE ONE ESA
2504 WHITE STREET, NAVAN, ONTARIO

TITLE: SITE LOCATION

McINTOSH PERRY
115 Walgreen Road, RR3, Carp, ON K0A1L0
Tel: 613-836-2184 Fax: 613-836-3742
www.mcintoshperry.com

PROJECT NO: CCO-22-2100	FIGURE: 1
Date	Mar., 21, 2022
GIS	SK
Checked By	JG

C:\Users\s.klassen\McIntosh Perry\GIS - Documents\Projects\2022\CCO\CCO-22-2100 REMAX Absolute - ZBLA - 2504 White St\aprx\Environmental\Phase1ESA\CCO-22-2100 Env.aprx



LEGEND

Site Boundary

50 25 0 50

Scale 1:1,500 Metres

REFERENCE

GIS data provided by the Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry, 2022.

CLIENT: RE/MAX ABSOLUTE REALTY INC

PROJECT: PHASE ONE ESA
2504 WHITE STREET, NAVAN, ONTARIO

TITLE: SITE LAYOUT

McINTOSH PERRY
115 Walgreen Road, RR3, Carp, ON K0A1L0
Tel: 613-836-2184 Fax: 613-836-3742
www.mcintoshperry.com

PROJECT NO:CCO-22-2100		FIGURE:
Date	Mar., 21, 2022	2
GIS	SK	
Checked By	JG	

C:\Users\s.klassen\McIntosh Perry\GIS - Documents\Projects\2022\CCO\CCO-22-2100 REMAX Absolute - ZBLA - 2504 White St\aprx\Environmental\Phase1ESA\CCO-22-2100_Env.aprx

LEGEND

- Site Boundary
- 250m Buffer
- PCA

1 6401 Renaud Road
- PCA 1: Waste Generator Records, College Catholique Mer Bleue

REFERENCE

GIS data provided by the Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry, 2022.

50 25 0 50
Scale 1:2,500 Metres

CLIENT: RE/MAX ABSOLUTE REALTY INC

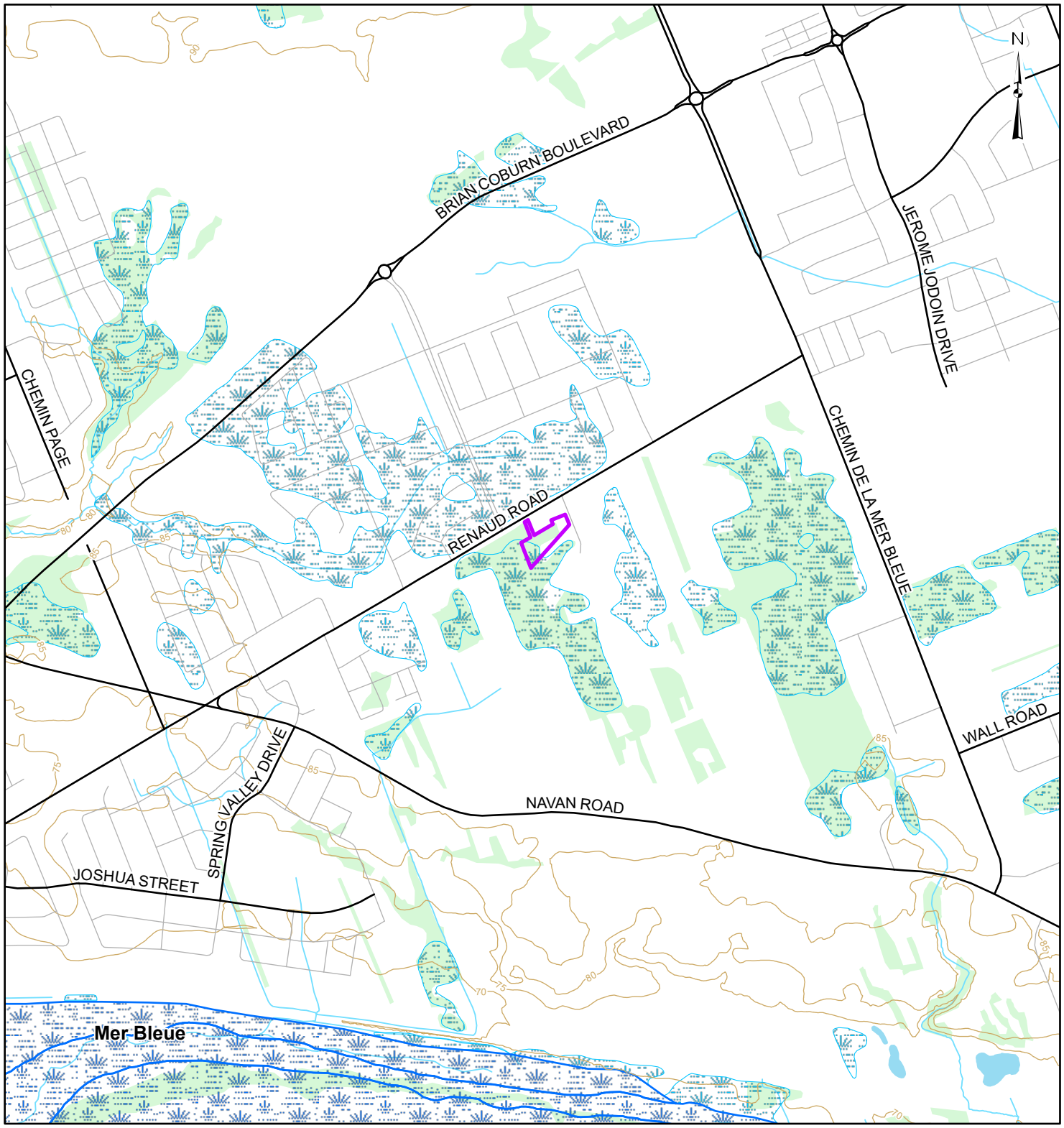
PROJECT: PHASE ONE ESA
2504 WHITE STREET, NAVAN, ONTARIO

TITLE: POTENTIALLY CONTAMINATING ACTIVITIES (PCA'S) AND AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APEC'S)

McINTOSH PERRY
115 Walgreen Road, RR3, Carp, ON K0A1L0
Tel: 613-836-2184 Fax: 613-836-3742
www.mcintoshperry.com

PROJECT NO: CCO-22-2100		FIGURE:
Date	Mar., 31, 2022	5
GIS	SK	
Checked By	DA	

C:\Users\s.klassen\McIntosh Perry\GIS - Documents\Projects\2022\CCO\CCO-22-2100 REMAX Absolute - ZBLA - 2504 White St\aprx\Environmental\Phase1ESA\CCO-22-2100_Env.aprx



500 250 0 500

Scale 1:15,000 Metres

LEGEND

- Contour (masl)
- Local Road
- Major Road
- Watercourse
- Waterbody
- Unevaluated Wetland
- Provincially Significant Wetland
- Wooded Area

REFERENCE

GIS data provided by the Ontario Ministry of Northern Development, Mines, Natural Resources and Forestry, 2022.

CLIENT: RE/MAX ABSOLUTE REALTY INC

PROJECT: PHASE ONE ESA
2504 WHITE STREET, NAVAN, ONTARIO

TITLE: DRAINAGE AND TOPOGRAPHY

McINTOSH PERRY
115 Walgreen Road, RR3, Carp, ON K0A1L0
Tel: 613-836-2184 Fax: 613-836-3742
www.mcintoshperry.com

PROJECT NO: CCO-22-2100		FIGURE:
Date	Mar., 21, 2022	4
GIS	SK	
Checked By	JG	

C:\Users\s.klassen\McIntosh Perry\GIS - Documents\Projects\2022\CCO\CCO-22-2100 REMAX Absolute - ZBLA - 2504 White St\gprx\Environmental\Phase I ESA\CCO-22-2100 Envaprx

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
2504 WHITE STREET, NAVAN, ONTARIO

APPENDIX A
CITY DIRECTORIES

McINTOSH PERRY

ENVIRONMENTAL RISK INFORMATION SERVICES

CITY DIRECTORY

Project Property:	*2504 White Street, Navan, Ontario*
Report Type:	*City Directory*
Order No:	*22030400242*
Information Source:	*Vernon's Ottawa And Area, Ontario Street Address Directory*
Date Completed:	*22/03/22*

***See Addendum Regarding Results*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

City Directory Information Source
Vernon's Ottawa And Area, Ontario Street Address Directory

PROJECT NUMBER: 22030400242	
Site Address:	2504 White Street, Navan, Ontario
Year: 2011	
Site Listing:	-Address Not Listed
Adjacent Properties:	
2510 White Street	-Address Not Listed
2516 White Street	-Address Not Listed
6280 Renaud Road	-Address Not Listed
6401 Renaud Road	-Address Not Listed
6542 Renaud Road	-Address Not Listed

PROJECT NUMBER: 22030400242	
Site Address:	2504 White Street, Navan, Ontario
Year: 2007-2008	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	
2510 White Street	-Address Not Listed
2516 White Street	- Residential (1 Tenant)
6280 Renaud Road	-Address Not Listed
6401 Renaud Road	-Address Not Listed
6542 Renaud Road	-Address Not Listed

PROJECT NUMBER: 22030400242	
Site Address:	2504 White Street, Navan, Ontario
Year: 2002-2003	

Site Listing:	-Residential (2 Tenants)
Adjacent Properties:	
2510 White Street	-Residential (3 Tenants)
2516 White Street	-Residential (2 Tenants)
6280 Renaud Road	-Address Not Listed
6401 Renaud Road	-Address Not Listed
6542 Renaud Road	-Address Not Listed

PROJECT NUMBER: 22030400242	
Site Address:	2504 White Street, Navan, Ontario
Year: 1998-1999	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	

2510 White Street	-Residential (3 Tenants)
2516 White Street	-Residential (2 Tenants)
6280 Renaud Road	-Address Not Listed
6401 Renaud Road	-Address Not Listed
6542 Renaud Road	-Address Not Listed

PROJECT NUMBER: 22030400242	
Site Address:	2504 White Street, Navan, Ontario
Year: 1993	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	
2510 White Street	-Residential (3 Tenants)
2516 White Street	-Residential (2 Tenants)

6280 Renaud Road	-Address Not Listed
6401 Renaud Road	-Address Not Listed
6542 Renaud Road	-Address Not Listed

PROJECT NUMBER: 22030400242	
Site Address:	2504 White Street, Navan, Ontario
Year: 1992	
Site Listing:	-Residential (1 Tenant)
Adjacent Properties:	
2510 White Street	-Residential (3 Tenants)
2516 White Street	-Residential (1 Tenant)
6280 Renaud Road	-Address Not Listed
6401 Renaud Road	-Address Not Listed

6542 Renaud Road	-Address Not Listed

-All listings for businesses were listed as they are in the city directory.

-Listings that are residential are listed as “residential” with the number of tenants. The name of the residential tenant is not listed in the above city directory.

** Navan, Ontario ***is listed from 1992 to 2011 within the city directory archives*** **

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
2504 WHITE STREET, NAVAN, ONTARIO

APPENDIX B
ERIS REPORT

McINTOSH PERRY

DATABASE REPORT

Project Property:	*Phase One ESA - 2504 White Street, Navan, ON* *2504 White Street* *Navan ON K4B 1H9*
Project No:	
Report Type:	*Standard Report*
Order No:	*22030400242*
Requested by:	*McIntosh Perry Limited*
Date Completed:	*March 9, 2022*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Table of Contents

Executive Summary

Property Information:

Project Property:	*Phase One ESA - 2504 White Street, Navan, ON* *2504 White Street Navan ON K4B 1H9*
Project No:	

Coordinates:

Latitude:	*45.434921*
Longitude:	*-75.503203*
UTM Northing:	*5,031,389.60*
UTM Easting:	*460,641.10*
UTM Zone:	*18T*

Elevation:	*280 FT* *85.43 M*

Order Information:

Order No:	*22030400242*
Date Requested:	*March 4, 2022*
Requested by:	*McIntosh Perry Limited*
Report Type:	*Standard Report*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*
City Directory Search	*CD - Subject Site plus 5 Adjacent Properties*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*

Executive Summary: Report Summary

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

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	1	1
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	5	5
	Total:		0	14	14

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	PINC	ENBRIDGE GAS INC	6418 RENAUD RD,,OTTAWA,ON,K4B 1H9,CA ON	W/70.6	-0.52	15
2	WWIS		lot 3 con 4 ON ***Well ID:*** 1510699	WSW/84.9	-0.71	15
3	BORE		ON	WSW/97.8	-0.71	18
4	WWIS		lot 3 con 4 ON ***Well ID:*** 1510705	WSW/97.8	-0.71	19
5	WWIS		lot 3 con 4 ON ***Well ID:*** 1512442	WSW/120.1	-0.87	22
6	ECA	Conseil scolaire de district catholique du Centre-Est de l'Ontario	6401 Renaud Rd Ottawa ON K1J 1A1	NNW/148.0	-0.49	26
6	GEN	Conseil des ecoles catholique du centre-est	6401 chemin Renaud orléans ON K1W 0H8	NNW/148.0	-0.49	26
6	GEN	Conseil des ecoles catholique du centre-est	6401 chemin Renaud orléans ON K1W 0H8	NNW/148.0	-0.49	26
6	GEN	Conseil des ecoles catholique du centre-est	6401 chemin Renaud orléans ON K1W 0H8	NNW/148.0	-0.49	27
7	WWIS		RENAUD RD/WHITE ST. OTTAWA ON ***Well ID:*** 7242931	WNW/148.1	-0.87	27
8	EHS		Renaud Road Ottawa ON	N/160.5	0.07	30
9	EHS		Navan Road & Renaud Road Ottawa ON	W/179.7	-1.37	30

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
10	WWIS		lot 2 con 4 ON ***Well ID:*** 1501515	ENE/243.3	1.64	30
11	BORE		ON	ENE/243.4	1.64	33

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.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	ENE	243.44	11

Lower Elevation	Address	Direction	Distance (m)	Map Key
	ON	WSW	97.79	3

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Jan 31, 2021 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
Conseil scolaire de district catholique du Centre-Est de l'Ontario	6401 Renaud Rd Ottawa ON K1J 1A1	NNW	148.03	6

EHS - ERIS Historical Searches

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Renaud Road Ottawa ON	N	160.54	8

Lower Elevation	Address	Direction	Distance (m)	Map Key
	Navan Road & Renaud Road Ottawa ON	W	179.75	9

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Nov 30, 2021 has found that there are 3 GEN site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
Conseil des ecoles catholique du centre-est	6401 chemin Renaud orléans ON K1W 0H8	NNW	148.03	6
Conseil des ecoles catholique du centre-est	6401 chemin Renaud orléans ON K1W 0H8	NNW	148.03	6
Conseil des ecoles catholique du centre-est	6401 chemin Renaud orléans ON K1W 0H8	NNW	148.03	6

PINC - Pipeline Incidents

A search of the PINC database, dated May 31, 2021 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

Lower Elevation	Address	Direction	Distance (m)	Map Key
ENBRIDGE GAS INC	6418 RENAUD RD,,OTTAWA,ON,K4B 1H9,CA ON	W	70.56	1

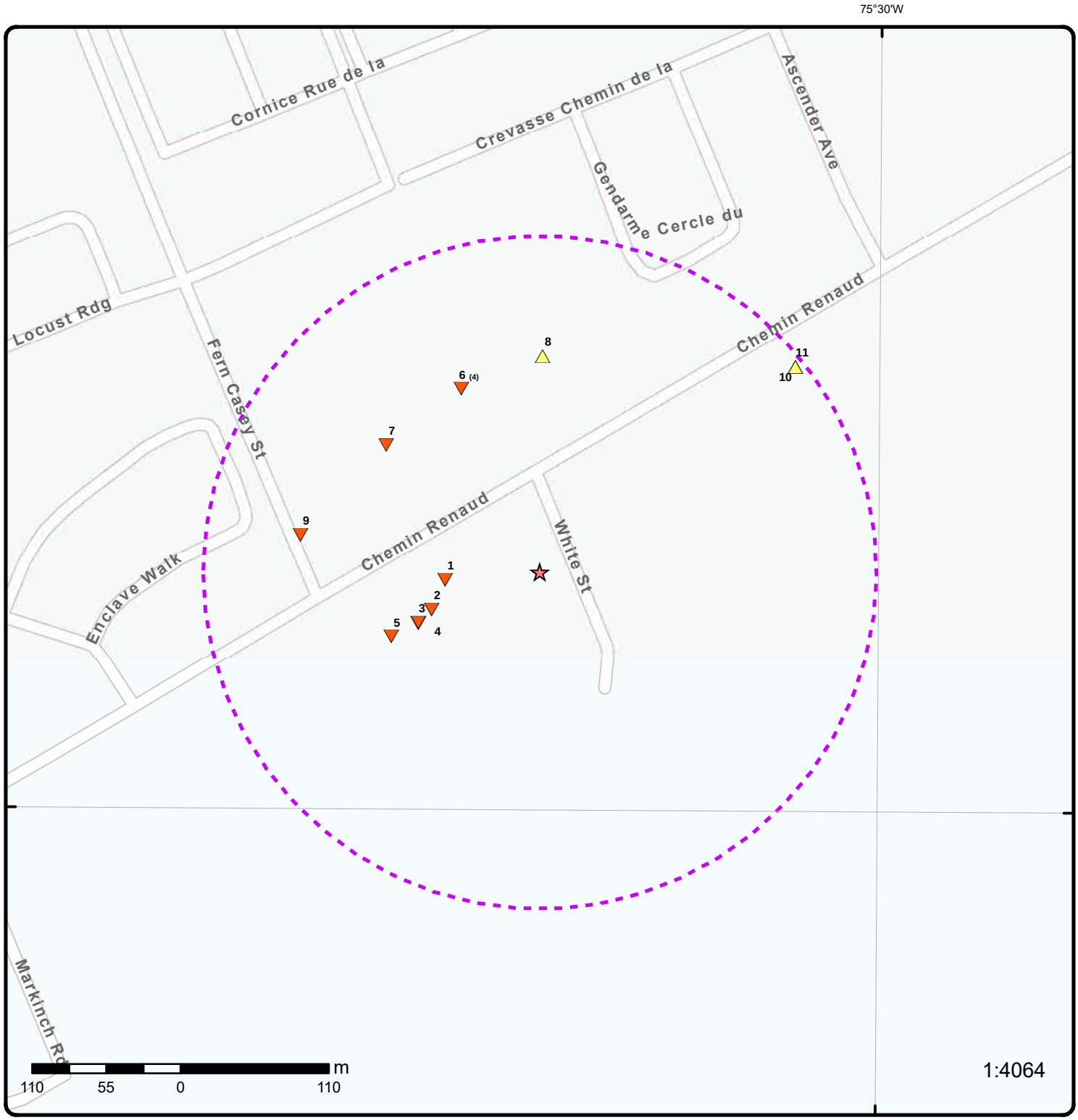
WWIS - Water Well Information System

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

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 2 con 4 ON ***Well ID:*** 1501515	ENE	243.34	10

Lower Elevation	Address	Direction	Distance (m)	Map Key
	lot 3 con 4 ON ***Well ID:*** 1510699	WSW	84.91	2

lot 3 con 4 ON ***Well ID:*** 1510705	WSW	97.82	**4**
lot 3 con 4 ON ***Well ID:*** 1512442	WSW	120.13	**5**
RENAUD RD/WHITE ST. OTTAWA ON ***Well ID:*** 7242931	WNW	148.09	**7**



Map: 0.25 Kilometer Radius

Order Number: 22030400242

Address: 2504 White Street, Navan, ON

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

75°30'W

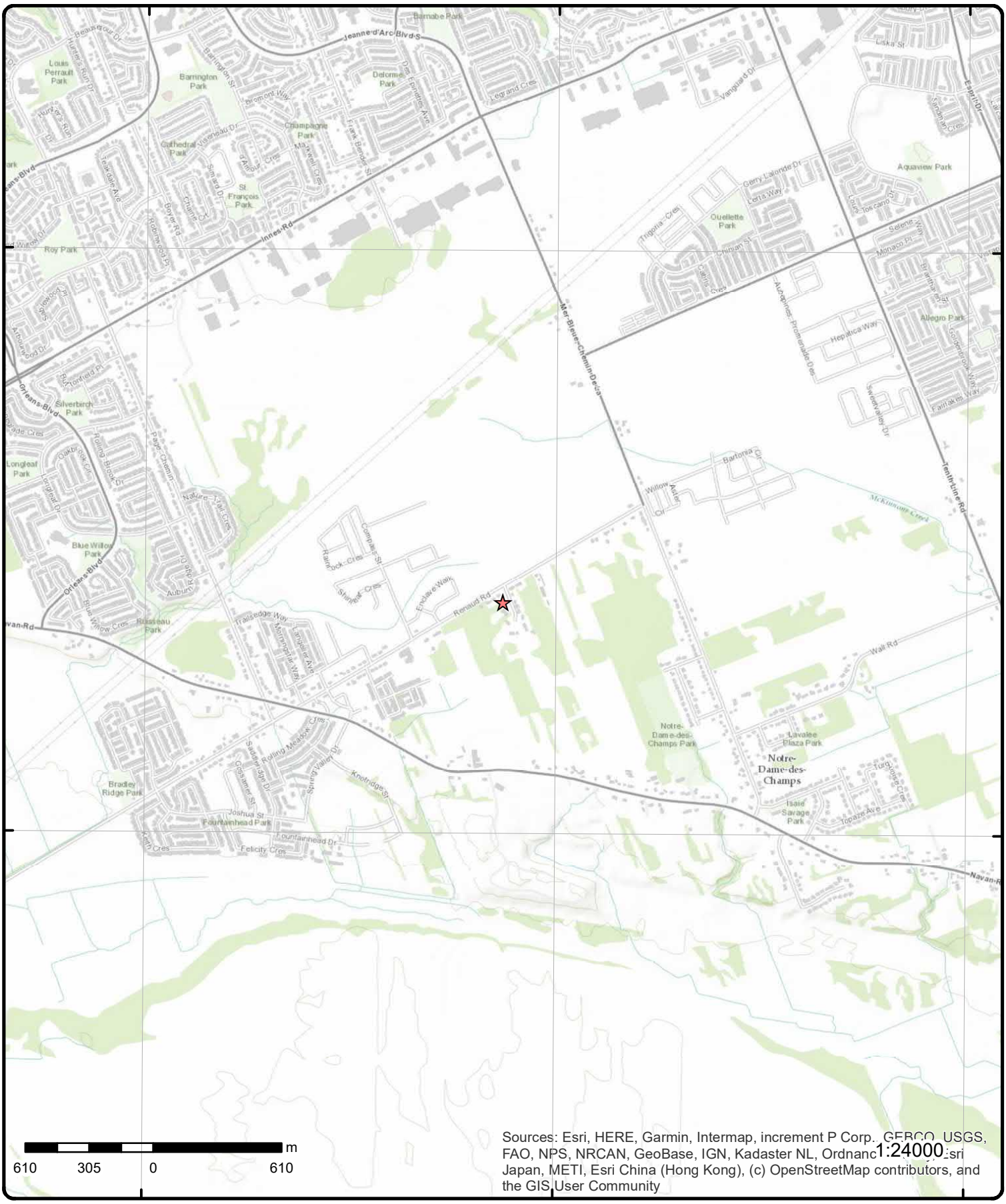
Aerial

Year: 2020

Order Number: 22030400242

Address: 2504 White Street, Navan, ON

Source: ESRI World Imagery



Topographic Map

Order Number: 22030400242

Address: 2504 White Street, ON

Source: ESRI World Topographic Map

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	W/70.6	84.9 / -0.52	ENBRIDGE GAS INC 6418 RENAUD RD,,OTTAWA,ON,K4B 1H9,CA ON	PINC

Incident ID:
Incident No: 2678988
Incident Reported Dt: 9/6/2019
Type: FS-Pipeline Incident
Status Code:
Tank Status: Pipeline Damage Reason Est
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Depth:
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:

Pipe Material:
Fuel Category:
Health Impact:
Environment Impact:
Property Damage:
Service Interrupt:
Enforce Policy:
Public Relation:
Pipeline System:
PSIG:
Attribute Category:
Regulator Location:
Method Details:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	WSW/84.9	84.7 / -0.71	lot 3 con 4 ON	WWIS

Well ID: 1510699
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 7/30/1970
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
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\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
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

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:	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

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

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10581292
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930058013
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	105.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930058014
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	110.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991510699
Pump Set At:	
Static Level:	30.0
Final Level After Pumping:	40.0

Recommended Pump Depth:	50.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	6.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933465738
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	110.0
Water Found Depth UOM:	ft

---

3 ***1 of 1*** ***WSW/97.8*** ***84.7 / -0.71*** ***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
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY. BLUE.

Geology Stratum ID: 218403503
Top Depth: 29.9
Bottom Depth: 30.5
Material Color: Dark
Material 1: Limestone
Material 2:
Material 3:
Material 4:
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.

Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:
Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

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

4	1 of 1	WSW/97.8	84.7 / -0.71	lot 3 con 4 ON	WWIS

Well ID: 1510705
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 2/23/1971
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
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:
Open Hole:
Cluster Kind:
Date Completed: 30-Jun-1970 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 460550.80
North83: 5031352.00
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

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

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

Method of Construction & Well Use

Method Construction ID:	961510705
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10581295
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

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

Draw Down & Recovery

Pump Test Detail ID: 934097301
Test Type: Draw Down
Test Duration: 15
Test Level: 45.0
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: 934641195
Test Type: Draw Down
Test Duration: 45
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

---

5 ***1 of 1*** ***WSW/120.1*** ***84.6 / -0.87*** ***lot 3 con 4 ON*** ***WWIS***

Well ID: 1512442
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:

Data Entry Status:
Data Src: 1
Date Received: 4/24/1973
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 003
Concession: 04
Concession Name: OF

Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

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

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

Overburden and Bedrock Materials Interval

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

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

Method of Construction & Well Use

Method Construction ID: 961512442
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10583003
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

Pump Test ID:	991512442
Pump Set At:	
Static Level:	3.0
Final Level After Pumping:	40.0
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

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:	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

Draw Down & Recovery

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	1 of 4	NNW/148.0	84.9 / -0.49	Conseil scolaire de district catholique du Centre-Est de l'Ontario 6401 Renaud Rd Ottawa ON K1J 1A1	ECA

Approval No: 0511-9Y6HQ8
Approval Date: 2015-07-09
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Business Name: Conseil scolaire de district catholique du Centre-Est de l'Ontario
Address: 6401 Renaud Rd
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4191-9VVSH9-14.pdf
PDF Site Location:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	2 of 4	NNW/148.0	84.9 / -0.49	Conseil des ecoles catholique du centre-est 6401 chemin Renaud orléans ON K1W 0H8	GEN

Generator No: ON9583537
SIC Code:
SIC Description:
Approval Years: As of Dec 2018
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

---

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
6	3 of 4	NNW/148.0	84.9 / -0.49	Conseil des ecoles catholique du centre-est 6401 chemin Renaud orléans ON K1W 0H8	GEN

Generator No: ON9583537
SIC Code:
SIC Description:
Approval Years: As of Jul 2020
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

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

---

6 | **4 of 4** | **NNW/148.0** | **84.9 / -0.49** | **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:**	

Detail(s)

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

---

7 | **1 of 1** | **WNW/148.1** | **84.6 / -0.87** | **RENAUD RD/WHITE ST.**
OTTAWA ON | **WWIS**

Well ID:	7242931	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	6/11/2015
Sec. Water Use:		**Selected Flag:**	TRUE
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	1844
Casing Material:		**Form Version:**	7
Audit No:	Z163964	**Owner:**	
Tag:	A153987	**Street Name:**	RENAUD RD/WHITE ST.
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

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	**Elevation:**	

DP2BR:		**Elevrc:**	
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
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Formation End Depth: 0.20000000298023224
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005660828
Layer: 1
Plug From: 0.0
Plug To: 2.5999999046325684
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1005660827
Method Construction Code: F
Method Construction: H.S.A.
Other Method Construction:

Pipe Information

Pipe ID: 1005660818
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Screen

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

Water Details

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

Hole Diameter

Hole ID:	1005660822
Diameter:	20.299999237060547
Depth From:	0.0
Depth To:	6.099999904632568
Hole Depth UOM:	m
Hole Diameter UOM:	cm

---

8 | ***1 of 1*** | ***N/160.5*** | ***85.5 / 0.07*** | ***Renaud Road Ottawa ON*** | ***EHS***

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		

---

9 | ***1 of 1*** | ***W/179.7*** | ***84.1 / -1.37*** | ***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;		

---

10 | ***1 of 1*** | ***ENE/243.3*** | ***87.1 / 1.64*** | ***lot 2 con 4 ON*** | ***WWIS***

Well ID:	1501515	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/28/1952
Sec. Water Use:	0	***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1802
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	04
Overburden/Bedrock:		***Concession Name:***	OF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501515.pdf

Additional Detail(s) (Map)

Well Completed Date:	1952/07/04
Year Completed:	1952
Depth (m):	54.2544
Latitude:	45.4363034197198
Longitude:	-75.500789935516
Path:	150\1501515.pdf

Bore Hole Information

Bore Hole ID:	10023558	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	460830.80
Code OB Desc:		***North83:***	5031542.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	04-Jul-1952 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930992042
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:	70.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930992044
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	83.0
Formation End Depth:	178.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930992043
Layer:	2
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	70.0
Formation End Depth:	83.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501515
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10572128
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930039976
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	83.0
Casing Diameter:	3.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930039977
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	178.0
Casing Diameter:	3.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501515
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	

Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	Yes

Water Details

Water ID:	933454225
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	175.0
Water Found Depth UOM:	ft

---

11 | ***1 of 1*** | ***ENE/243.4*** | ***87.1 / 1.64*** | ***ON*** | ***BORE***

Borehole ID:	616269	**Inclin FLG:**	No
OGF ID:	215517058	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	JUL-1952	**Municipality:**	
Static Water Level:	33.5	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.436305
Total Depth m:	54.3	**Longitude DD:**	-75.50079
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	460831
Drill Method:		**Northing:**	5031542
Orig Ground Elev m:	86.9	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	87.9		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218403515	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	21.3	**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:	218403516	**Mat Consistency:**	
Top Depth:	21.3	**Material Moisture:**	
Bottom Depth:	25.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Gravel	**Geologic Group:**	
Material 3:		**Geologic Period:**	

Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: SAND.

Geology Stratum ID: 218403517 ***Mat Consistency:***
Top Depth: 25.3 ***Material Moisture:***
Bottom Depth: 54.3 ***Material Texture:***
Material Color: ***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. 00175FEET.BEDROCK. VELOCITY = 5000. BEDROCK. SEISMIC VELOCITY = 13000. K.

Source

Source Type: Data Survey ***Source Appl:*** Spatial/Tabular
Source Orig: Geological Survey of Canada ***Source Iden:*** 1
Source Date: 1956-1972 ***Scale or Res:*** Varies
Confidence: ***Horizontal:*** NAD27
Observatio: ***Verticalda:*** Mean Average Sea Level
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 08777 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

Unplottable Summary

Total: 15 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Clark Quarry	Lots 1 & 2, Concession 4	Ottawa ON	
EBR	Huneault Waste Management Ltd.	Part of Lots 2, 3 and 4, Concession 4 GLOUCESTER	ON	
EBR	Huneault Waste Management Ltd.	Lots 2, 3, 4, Concession 4 GLOUCESTER	ON	
EBR	Karson Kartage & Konstruction (1994) Limited	Lots 1 & 2, Concession 4 Ottawa Ontario Ottawa	ON	
WWIS		con 3	ON	
WWIS		con 4	ON	
WWIS		lot 2	ON	
WWIS		lot 2	ON	
WWIS		lot 3	ON	
WWIS		lot 3	ON	
WWIS		lot 2	ON	
WWIS		lot 3	ON	
WWIS		lot 3	ON	
WWIS		lot 3	ON	
WWIS		lot 3	ON	

Unplottable Report

Site: ***Clark Quarry***
Lots 1 & 2, Concession 4 Ottawa ON

Database: ***CA***

Certificate #:	1962-572R6D
Application Year:	02
Issue Date:	5/8/02
Approval Type:	Industrial sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Karson Kartage & Konstruction (1994) Limited
Client Address:	P.O. Box 264, 3725 Carp Road
Client City:	Carp
Client Postal Code:	K0A 1L0
Project Description:	The company operates a limestone quarry and supplies aggregate for heavy construction projects throughout Eastern Ontario. The quarry is dewatered. Surface water runoff and groundwater is pumped from the quarry sump to on-site retention/settling pond. Effluent from the pond discharges to on-site ditch that subsequently discharges off-site. The receiving water body is Feedmill Creek which discharges to the Carp River. The Carp River eventually discharges to the Ottawa River at Fitzroy Harbour, approximately 37 km downstream.
Contaminants:	
Emission Control:	

Site: ***Huneault Waste Management Ltd.***
Part of Lots 2, 3 and 4, Concession 4 GLOUCESTER ON

Database: ***EBR***

EBR Registry No:	IA8E1379	***Decision Posted:***	
Ministry Ref No:	A4607023	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	August 30, 2001	***Act 2:***	
Proposal Date:	October 01, 1998	***Site Location Map:***	
Year:	1998		
Instrument Type:	(EPA s. 27) - Approval for a waste disposal site.		
Off Instrument Name:			
Posted By:			
Company Name:	Huneault Waste Management Ltd.		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	3354 Navan Road, Gloucester Ontario, K4B 1H		
Comment Period:			
URL:			

Site Location Details:

Part of Lots 2, 3 and 4, Concession 4 GLOUCESTER

Site: ***Huneault Waste Management Ltd.***
Lots 2, 3, 4, Concession 4 GLOUCESTER ON

Database: ***EBR***

EBR Registry No:	IA8E0321	***Decision Posted:***	
Ministry Ref No:	A4607022	***Exception Posted:***	
Notice Type:	Instrument Decision	***Section:***	
Notice Stage:		***Act 1:***	
Notice Date:	March 10, 1999	***Act 2:***	
Proposal Date:	March 11, 1998	***Site Location Map:***	
Year:	1998		

Instrument Type: (EPA s. 27) - Approval for a waste disposal site.
Off Instrument Name:
Posted By:
Company Name: Huneault Waste Management Ltd.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 3354 Navan Road, Gloucester Ontario, K4B 1H
Comment Period:
URL:

Site Location Details:

Lots 2, 3, 4, Concession 4 GLOUCESTER

Site: ***Karson Kartage & Konstruction (1994) Limited***
Lots 1 & 2, Concession 4 Ottawa Ontario Ottawa ON

Database: ***EBR***

EBR Registry No: IA02E0109
Ministry Ref No: 3864-56TL4Y
Notice Type: Instrument Decision
Notice Stage:
Notice Date: May 09, 2002
Proposal Date: January 28, 2002
Year: 2002
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:
Instrument Type: (OWRA s. 53(1)) - Approval for sewage works
Off Instrument Name:
Posted By:
Company Name: Karson Kartage & Konstruction (1994) Limited
Site Address:
Location Other:
Proponent Name:
Proponent Address: P.O. Box 264, 3725 Carp Road, Carp Ontario, K0A 1L0
Comment Period:
URL:

Site Location Details:

Lots 1 & 2, Concession 4 Ottawa Ontario Ottawa

Site:
con 3 ON

Database: ***WWIS***

Well ID: 1523548
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 29576
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Data Entry Status:
Data Src: 1
Date Received: 7/21/1989
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2348
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot:
Concession: 03
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10045322	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:		***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931055002
Layer:	2
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	10.0
Formation End Depth:	22.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931055001
Layer:	1
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961523548
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10593892
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930079298
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991523548
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	40.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No

Water Details

Water ID:	933481846
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	32.0
Water Found Depth UOM:	ft

Site:
con 4 ON

Database:
WWIS

Well ID:	1517523	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	3/20/1981
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	04
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID: 10039395
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 24-Feb-1981 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931035451
Layer: 3
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 175.0
Formation End Depth: 185.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931035450
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 77
Mat2 Desc: LOOSE
Mat3:
Mat3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 175.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931035449
Layer: 1
Color: 7
General Color: RED
Mat1: 28
Most Common Material: SAND
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961517523
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10587965
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930068901
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 184.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930068902
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

Results of Well Yield Testing

Pump Test ID: 991517523
Pump Set At:
Static Level: 40.0
Final Level After Pumping: 105.0
Recommended Pump Depth: 120.0
Pumping Rate: 7.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 3
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934102054
Test Type: Draw Down
Test Duration: 15
Test Level: 105.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934895056
Test Type: Draw Down
Test Duration: 60
Test Level: 105.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934645364
Test Type: Draw Down
Test Duration: 45
Test Level: 105.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934384288
Test Type: Draw Down
Test Duration: 30
Test Level: 105.0
Test Level UOM: ft

Water Details

Water ID: 933474010
Layer: 1
Kind Code: 2
Kind: SALTY
Water Found Depth: 184.0
Water Found Depth UOM: ft

Site:
lot 2 ON

Database: ***WWIS***

Well ID: 1522712
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 27065
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/26/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 002
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044522
DP2BR:
Spatial Status:
Code OB:

Elevation:
Elevrc:
Zone: 18
East83:

Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10-Aug-1988 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931052365
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 21.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931052366
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 21.0
Formation End Depth: 90.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931052367
Layer: 3
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 90.0
Formation End Depth: 123.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522712
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10593092
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077859
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 24.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930077860
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 123.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991522712
Pump Set At:
Static Level: 12.0
Final Level After Pumping: 60.0
Recommended Pump Depth: 60.0
Pumping Rate: 50.0
Flowing Rate:
Recommended Pump Rate: 15.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934111041
Test Type:
Test Duration: 15
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386885
Test Type:
Test Duration: 30
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934656261
Test Type:
Test Duration: 45
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905078
Test Type:
Test Duration: 60
Test Level: 60.0
Test Level UOM: ft

Water Details

Water ID: 933480710
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 118.0
Water Found Depth UOM: ft

Water Details

Water ID: 933480709
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 65.0
Water Found Depth UOM: ft

Site:
lot 2 ON

Database:
WWIS

Well ID: 1522713
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Recharge Well
Water Type:
Casing Material:
Audit No: 27064
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/26/1988
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 002
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10044523
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10-Aug-1988 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931052368
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 19.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931052370
Layer: 3
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 90.0
Formation End Depth: 123.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931052369
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 19.0
Formation End Depth: 90.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961522713
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10593093
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930077861
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930077862
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 123.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991522713
Pump Set At:
Static Level: 11.0
Final Level After Pumping: 60.0
Recommended Pump Depth: 60.0
Pumping Rate: 50.0
Flowing Rate:
Recommended Pump Rate: 15.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934111042
Test Type:
Test Duration: 15
Test Level: 60.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386886
Test Type:
Test Duration: 30
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905079
Test Type:
Test Duration: 60
Test Level: 60.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934656262
Test Type:
Test Duration: 45
Test Level: 60.0
Test Level UOM: ft

Water Details

Water ID: 933480712
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 118.0
Water Found Depth UOM: ft

Water Details

Water ID: 933480711
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60.0
Water Found Depth UOM: ft

Site:
lot 3 ON

Database: ***WWIS***

Well ID: 1531723
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 220258
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):

Data Entry Status:
Data Src: 1
Date Received: 1/26/2001
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 003
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:

Flow Rate:
Clear/Cloudy:

UTM Reliability:

Bore Hole Information

Bore Hole ID: 10053257
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 28-Oct-2000 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931079336
Layer: 1
Color: 6
General Color: BROWN
Mat1: 02
Most Common Material: TOPSOIL
Mat2: 81
Mat2 Desc: SANDY
Mat3: 05
Mat3 Desc: CLAY
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931079337
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 37.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931079339
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 14
Mat2 Desc: HARDPAN

Mat3:
Mat3 Desc:
Formation Top Depth: 42.0
Formation End Depth: 73.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931079338
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Mat2 Desc: ROCK
Mat3:
Mat3 Desc:
Formation Top Depth: 37.0
Formation End Depth: 42.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116887
Layer: 1
Plug From: 0.0
Plug To: 42.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961531723
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10601827
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930093304
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 18.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991531723
Pump Set At:
Static Level: 23.0
Final Level After Pumping: 30.0

Recommended Pump Depth: 50.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 12.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 30
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934114544
Test Type: Draw Down
Test Duration: 15
Test Level: 28.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934916125
Test Type: Draw Down
Test Duration: 60
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934658679
Test Type: Draw Down
Test Duration: 45
Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934397743
Test Type: Draw Down
Test Duration: 30
Test Level: 28.0
Test Level UOM: ft

Water Details

Water ID: 933492311
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 72.0
Water Found Depth UOM: ft

Site:
lot 3 ON

Database:
WWIS

Well ID: 1531215
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 217004

Data Entry Status:
Data Src: 1
Date Received: 7/21/2000
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1119
Form Version: 1
Owner:

Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 003
Concession:
Concession Name: LI
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10052749
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 31-May-2000 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931077853
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 28.0
Formation End Depth: 62.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931077852
Layer: 1
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2: 11
Mat2 Desc: GRAVEL
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

Annular Space/Abandonment

Sealing Record

Plug ID:	933116387
Layer:	1
Plug From:	2.0
Plug To:	33.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961531215
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10601319
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930092222
Layer:	1
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	
Casing Diameter:	8.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930092224
Layer:	3
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930092223
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991531215
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	50.0

Recommended Pump Depth: 50.0
Pumping Rate: 18.0
Flowing Rate:
Recommended Pump Rate: 18.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934396588
Test Type: Recovery
Test Duration: 30
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934665314
Test Type: Recovery
Test Duration: 45
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934913859
Test Type: Recovery
Test Duration: 60
Test Level: 15.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934121177
Test Type: Recovery
Test Duration: 15
Test Level: 15.0
Test Level UOM: ft

Water Details

Water ID: 933491581
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 55.0
Water Found Depth UOM: ft

Water Details

Water ID: 933491579
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 48.0
Water Found Depth UOM: ft

Water Details

Water ID:	933491580
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50.0
Water Found Depth UOM:	ft

Site:
lot 2 ON

Database:
WWIS

Well ID:	1530885	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/7/1999
Sec. Water Use:		***Selected Flag:***	TRUE
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:	208491	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	LI
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10052419	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	28-Oct-1999 00:00:00	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931076864
Layer:	3
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	79
Mat2 Desc:	PACKED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	23.0
Formation End Depth:	27.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931076863
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 23.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931076865
Layer: 4
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2: 73
Mat2 Desc: HARD
Mat3:
Mat3 Desc:
Formation Top Depth: 27.0
Formation End Depth: 60.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931076862
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 0.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116058
Layer: 1
Plug From: 0.0
Plug To: 28.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961530885
Method Construction Code: 5
Method Construction: Air Percussion

Other Method Construction:

Pipe Information

Pipe ID: 10600989
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930091535
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 60.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930091534
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 29.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991530885
Pump Set At:
Static Level: 17.0
Final Level After Pumping: 20.0
Recommended Pump Depth: 40.0
Pumping Rate: 30.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934903790
Test Type:
Test Duration: 60
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934663638
Test Type:
Test Duration: 45

Test Level: 30.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934119500
Test Type:
Test Duration: 15
Test Level: 58.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386238
Test Type:
Test Duration: 30
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933491168
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 50.0
Water Found Depth UOM: ft

Site:
lot 3 ON

Database: ***WWIS***

Well ID: 1530280
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 175701
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/16/1998
Selected Flag: TRUE
Abandonment Rec:
Contractor: 9999
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 003
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10051815
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 21-Sep-1998 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:

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

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Annular Space/Abandonment Sealing Record

Plug ID: 933115411
Layer: 1
Plug From: 0.0
Plug To: 75.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961530280
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10600385
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930090290
Layer: 1
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To:
Casing Diameter: 28.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Water Details

Water ID: 933490347
Layer: 1
Kind Code: 2
Kind: SALTY
Water Found Depth: 25.0
Water Found Depth UOM: ft

Site:
lot 3 ON

Database: ***WWIS***

Well ID: 1525011
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 80368
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:

Data Entry Status:
Data Src: 1
Date Received: 10/31/1990
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 003

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

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

Bore Hole Information

Bore Hole ID: 10046753
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 21-Sep-1990 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931059753
Layer: 4
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 74.0
Formation End Depth: 79.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931059755
Layer: 6
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 74
Mat2 Desc: LAYERED
Mat3: 78
Mat3 Desc: MEDIUM-GRAINED
Formation Top Depth: 103.0
Formation End Depth: 310.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931059751
Layer: 2
Color: 3

General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 39.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931059750
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931059754
Layer: 5
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 79.0
Formation End Depth: 103.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931059752
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 90
Mat2 Desc: VERY
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 39.0
Formation End Depth: 74.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525011

Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10595323
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081882
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 310.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930081880
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 106.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930081881
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 300.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525011
Pump Set At:
Static Level: 68.0
Final Level After Pumping: 105.0
Recommended Pump Depth: 250.0
Pumping Rate: 12.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934110603
Test Type: Draw Down
Test Duration: 15
Test Level: 105.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934655789
Test Type: Draw Down
Test Duration: 45
Test Level: 105.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904163
Test Type: Draw Down
Test Duration: 60
Test Level: 105.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386010
Test Type: Draw Down
Test Duration: 30
Test Level: 105.0
Test Level UOM: ft

Water Details

Water ID: 933483831
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 306.0
Water Found Depth UOM: ft

Water Details

Water ID: 933483830
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 185.0
Water Found Depth UOM: ft

Site:
lot 3 ON

Database:
WWIS

Well ID: 1525010
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 80369
Tag:
Construction Method:
Elevation (m):

Data Entry Status:
Data Src: 1
Date Received: 10/31/1990
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP

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

Site Info:
Lot: 003
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046752
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 18-Sep-1990 00:00:00
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931059748
Layer: 5
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 11
Mat2 Desc: GRAVEL
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 94.0
Formation End Depth: 96.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931059747
Layer: 4
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 85.0
Formation End Depth: 94.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931059749

Layer: 6
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 74
Mat2 Desc: LAYERED
Mat3: 78
Mat3 Desc: MEDIUM-GRAINED
Formation Top Depth: 96.0
Formation End Depth: 175.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931059746
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 90
Mat2 Desc: VERY
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 43.0
Formation End Depth: 85.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931059745
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Mat2 Desc: SOFT
Mat3:
Mat3 Desc:
Formation Top Depth: 24.0
Formation End Depth: 43.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931059744
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 24.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525010
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10595322
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081878
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 99.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930081879
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To: 175.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525010
Pump Set At:
Static Level: 73.0
Final Level After Pumping: 100.0
Recommended Pump Depth: 150.0
Pumping Rate: 15.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934386009
Test Type: Draw Down
Test Duration: 30
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904162
Test Type: Draw Down
Test Duration: 60
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110602
Test Type: Draw Down
Test Duration: 15
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934655788
Test Type: Draw Down
Test Duration: 45
Test Level: 100.0
Test Level UOM: ft

Water Details

Water ID: 933483829
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 168.0
Water Found Depth UOM: ft

Site:
lot 3 ON

Database:
WWIS

Well ID: 1524826
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 56399
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 9/17/1990
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 003
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046572
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09-Jan-1990 00:00:00

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

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

Overburden and Bedrock Materials Interval

Formation ID: 931059226
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 28.0
Formation End Depth: 37.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931059227
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 37.0
Formation End Depth: 63.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931059225
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 28.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961524826
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10595142
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930081532
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930081533
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991524826
Pump Set At:
Static Level: 15.0
Final Level After Pumping: 40.0
Recommended Pump Depth: 40.0
Pumping Rate: 25.0
Flowing Rate:
Recommended Pump Rate: 15.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934903572
Test Type:
Test Duration: 60
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110008
Test Type:
Test Duration: 15
Test Level: 40.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934655195
Test Type:
Test Duration: 45
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934385417
Test Type:
Test Duration: 30
Test Level: 40.0
Test Level UOM: ft

Water Details

Water ID: 933483584
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 57.0
Water Found Depth UOM: ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Nov 2021

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Sep 30, 2021

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2019

Commercial Fuel Oil Tanks: Provincial CFOT

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.
Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

Chemical Manufacturers and Distributors: Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register: Private CHM

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

Government Publication Date: 1999-Sep 30, 2021

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 -Nov 2021

Inventory of Coal Gasification Plants and Coal Tar Sites: Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Jul 2021

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994 - Jan 31, 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: May 31, 2021

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- Jan 31, 2021

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 - Jan 31, 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- Jan 31, 2021

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Nov 30, 2021

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2020

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: May 31, 2020

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Nov 2021

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS): Federal FRST

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: May 31, 2021

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-Nov 30, 2021

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 in 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: May 31, 2021

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Dec 2020

National Analysis of Trends in Emergencies System (NATES): Federal NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 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-Nov 30, 2021

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Jan 2021

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994 - Jan 31, 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- Jan 31, 2021

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: May 31, 2021

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994 - Jan 31, 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-Jan 2022

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-Sep 30, 2021

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

Government Publication Date: 1988-Sep 2020; Dec 2020-Mar 2021

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2019

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: May 31, 2021

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- Jan 31, 2021

Waste Disposal Sites - MOE 1991 Historical Approval Inventory: Provincial WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Sep 30, 2021

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
2504 WHITE STREET, NAVAN, ONTARIO

APPENDIX C
CORRESPONDENCE

McINTOSH PERRY

Ministry of the Environment
Freedom of Information and Protection of Privacy Office
40 St. Clair Avenue West, 12th Floor
Toronto, ON M4V 1M2
Tel: 416-314-4075
Fax: 416-314-4285

Ontario

Use this form to request records that are in the Ministry's files on environmental concerns related to properties. Please refer to the guide on the completion and use of this form. Our fax no. is 416- 314-4285.

Requester Data			**For Ministry Use Only**	
Name, Title, Company Name and Mailing Address of Requester Dan Arnott, Geo-Environmental Engineer, McIntosh Perry 115 Walgreen Rd, Carp, ON, K0A 1L0 Email Address: j.gaetano@mcintoshperry.com			FOI Request No.	Date Request Received
			Fee Paid □ CHQ □ VISA/MC/AMEX □ CASH/MONEY ORDER	
Tel: 613-880-5085 Fax: 613-836-3742	Your Project/ Reference No. CCO-22-2100	Signature of Requester	□ CNR □ ER □ NOR □ SWR □ WCR □ IEB □ EAA □ EMR □ SCB □ SDW	

Request Parameters

Municipal Address/Lot, Concession, Geographic Township **(Municipal address mandatory for cities, towns or regions)**

PT LT 2 CON 4OF GLOUCESTER; PT LT 3 CON 4OF GLOUCESTER PT 2 & 7, 5R6856; GLOUCESTER

Present Property Owner(s) and Date(s) of Ownership

PAQUETTE, FRANCE;NOURISHAD, MICHAEL;LONGPRE, ERIC

Previous Property Owner(s) and Date(s) of Ownership

Present/Previous Tenant(s) (if applicable)

Search Parameters Files older than 2 years may require $60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.	**Specify Year(s) Requested**
Environmental concerns (General correspondence, occurrence reports, abatement)	1986-Present
Orders	1986-Present
Spills	1986-Present
Investigations/prosecutions ▸ ***Owner and tenant information must be provided***	1986-Present
Waste Generator number/classes	1986-Present

Certificates of Approval ▸ Proponent information must be provided and Certificates of Approval number(s) (if known). 1985 and prior records are searched manually. **Search fees in excess of $300.00** may be incurred, depending on the types and years of records to be searched. **If supporting documents are also required, mark SD box**.

		SD	**Specify Year(s) Requested**
Air - *emissions*			1986-Present
Renewable Energy			1986-Present
Water - *mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)*			1986-Present
Sewage - *sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations*			1986-Present
Waste water - *industrial discharge*			1986-Present
Waste sites - *disposal, landfill sites, transfer stations, processing sites, incinerator sites*			1986-Present
Waste systems	*- haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction*		1986-Present

McINTOSH PERRY

March 3rd, 2022

Ministry of the Environment, Conservation and Parks
Toronto District Office
900 Bay Street
Toronto ON M7A 2E3

Re: MECP Index Review Request
Civic Address: 2504 White Street, Navan, Ontario (K4B 1H9)

Dear Sir/Madam,

We have been authorized to perform a Phase I Environmental Site Assessment (ESA) for the part of the above-noted property located in Navan, Ontario. As part of the ESA we are required to review past environmental occurrences on the subject property. In order to perform this part of the research, we would like to enquire as to whether or not your office has any record of Orders, Approvals or other documentation pertaining to this property.

If you have any further questions or require further clarification, please do not hesitate to contact the undersigned.

Yours Truly,

Jenna Gaetano, B.Sc.
(647) 880-5085
j.gaetano@mcintoshperry.com

We are preparing a Phase I Environmental Site Assessment (ESA) for a property located in Navan, Ontario, and are inquiring if you have any records pertaining to the following site;

Civic Address: 2504 White Street, Navan, Ontario (K4B 1H9)

Legal Description: PT LT 2 CON 4OF GLOUCESTER; PT LT 3 CON 4OF GLOUCESTER PT 2 & 7, 5R6856; GLOUCESTER

Pin: 043520268

Thank you,

Jenna Gaetano

Jenna Gaetano, B.Sc.
Environmental Scientist
T. 289.351.3011 | **C.** 647.880.5085
j.gaetano@mcintoshperry.com | www.mcintoshperry.com
McINTOSH PERRY
Turning Possibilities Into Reality

CANADA BEST MANAGED COMPANIES | Platinum member

Jenna Gaetano

From: Public Information Services <publicinformationservices@tssa.org>
Sent: March 3, 2022 5:53 PM
To: Jenna Gaetano
Subject: RE: Records for Site in Navan, Ontario

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

NO RECORD FOUND

Hello,

Thank you for your request for confirmation of public information.

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

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

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

Kind regards,

Sherees

Public Information Agent
Facilities and Business Services
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1-416-734-6222 | Fax: +1-416-734-3568 | E-Mail: publicinformationservices@tssa.org
www.tssa.org

From: Jenna Gaetano <j.gaetano@mcintoshperry.com>
Sent: March 3, 2022 1:17 PM
To: Public Information Services <publicinformationservices@tssa.org>
Cc: Dan Arnott <d.arnott@mcintoshperry.com>
Subject: Records for Site in Navan, Ontario

Hello,

Office Use Only			
Application Number:	Ward Number:	Application Received: (dd/mm/yyyy):	
Client Service Centre Staff:		Fee Received:	$

Historic Land Use Inventory

Application Form

Notice of Public Record

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

Municipal Freedom of Information and Protection Act

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

Background Information

***Site Address or Location:** *2504 White Street, Ottawa, Ontario*

** Mandatory Field*

Applicant/Agent Information:

Name: *Dan Arnott*

Mailing Address: *115 Walgreen Road, Carp, ON K0A 1L0*

Telephone: *(613) 714-4589* Email Address: *d.arnott@mcintoshperry.com*

Registered Property Owner Information: ☐ Same as above

Name: *Franc Paquette, Michael Nourishad and Eric Longpre*

Mailing Address: *222 Somerset Street West, Ottawa, ON K1G 0Z1*

Telephone: *(613) 422-2055* Email Address: *ericlongpre.remax@gmail.com*

Site Details

Legal Description and PIN: *PT LT 2 CON 4OF GLOUCESTER; PT LT 3 CON 4OF GLOUCESTER PT 2 & 7, 5R6856; GLOUCESTER PIN 043520268*

What is the land currently used for? *Residential*

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

OR Lot area: (irregular lot) 7,900 m²

Does the site have Full Municipal Services: ○ Yes ◉ No

Required Fees

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

Planning Fee $132.00

Submittal Requirements

The following are required to be submitted with this application:

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

Disclaimer
For use with HLUI Database

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

The City, in providing information from the HLUI, to Dan Arnott ("the Requester") does so only under the following conditions and understanding:

1. The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.

2. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.

3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the HLUI.

4. Copyright is reserved to the City.

5. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.

6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.

7. All information collected under this request and all records provided in response to this request are subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M.56, as amended.

Signed: 

Dated (dd/mm/yyyy): 31/03/2022

Per: Dan Arnott

(Please print name)

Title: Geo-Environmental Engineer

Company: McIntosh Perry

McINTOSH PERRY

March 31, 2022

Historic Land Use Inventory (HLUI) Office
City of Ottawa
110 Laurier Avenue West
Ottawa, Ontario
K1P 1J1

Re: Phase One Environmental Site Assessment (ESA), 2504 White Street, Ottawa, ON (CCO-22-2100)

McIntosh Perry has been retained by Mr. Eric Longpré of RE/MAX Absolute Realty Inc. to conduct a Phase One Environmental Site Assessment (ESA) for the property addressed as 2504 White Street, Ottawa, Ontario.

With this letter, the property owners authorize the City of Ottawa and other regulatory bodies to release, to McIntosh Perry Consulting Engineers Ltd., information requested for the purpose of completing a Phase One Environmental Site Assessment at the above-noted properties.

Name of Property Owners: Eric Longpré
Michael Robichaud + France Paquette

Property Owners Representatives:
(please print)

Signature of Property Owner or Representative:

Date: March 31, 2022

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
2504 WHITE STREET, NAVAN, ONTARIO

APPENDIX D
AERIAL PHOTOGRAPHS

McINTOSH PERRY

HISTORICAL AERIALS

Project Property:	Phase One ESA - 2504 White Street, Navan, ON 2504 White Street Navan ON K4B 1H9
Project No:	
Requested By:	McIntosh Perry Limited
Order No:	22030400242
Date Completed:	March 04, 2022

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Decade	Year	Image Scale	Source
1920	Not Available		
1930	Not Available		
1940	1945	15000	NAPL
1950	1953	20000	NAPL
1960	1965	10000	City of Ottawa
1970	1976	10000	City of Ottawa
1980	1986	15000	NAPL
1990	1991	10000	City of Ottawa
2000	2005	10000	City of Ottawa
2010	2015	10000	City of Ottawa

0 0.125 0.25 0.5
Kilometers

Order Number: 22030400242

Year: 1945
Source: NAPL
Map Scale: 1: 10000
Comments:

0 0.125 0.25 0.5
Kilometers

Order Number: 22030400242

Year: 1953
Source: NAPL
Map Scale: 1: 10000
Comments:

ERIS

0 0.125 0.25 0.5
Kilometers

Order Number: 22030400242

Year: 1965
Source: City of Ottawa
Map Scale: 1: 10000
Comments:

ERIS

0 0.125 0.25 0.5
Kilometers

Order Number: 22030400242

Year: 1976
Source: City of Ottawa
Map Scale: 1: 10000
Comments:

ERIS

0 0.125 0.25 0.5
Kilometers

Order Number: 22030400242

Year: 1986
Source: NAPL
Map Scale: 1: 10000
Comments:

ERIS

0 0.125 0.25 0.5
Kilometers

Order Number: 22030400242

Year: 1991
Source: City of Ottawa
Map Scale: 1: 10000
Comments:

ERIS

0 0.125 0.25 0.5
Kilometers

Order Number: 22030400242

Year: 2005
Source: City of Ottawa
Map Scale: 1: 10000
Comments:

ERIS

0 0.125 0.25 0.5
Kilometers

Order Number: 22030400242

Year: 2015
Source: City of Ottawa
Map Scale: 1: 10000
Comments:

ERIS

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
2504 WHITE STREET, NAVAN, ONTARIO

APPENDIX E
INTERVIEW RECORDS

McINTOSH PERRY

Phase I ESA Interviews

Interviewer (MPCE)_____ MPCE Project No._____

Interviewee Eric Longpre

Relationship to Subject Property Owner_____ Time Associated with Property: Since 2012_____

Date March 29th, 2022 Date Property was developed: 1980's_____

Potential Item of Concern	Interview Comments
Accidents/Spills	None to the best of my knowledge
Previous Use of Site	Forrest
Adjacent Properties	Residential
Fuel Handling/Storage	None to the best of my knowledge
Maintenance/ Operational Areas	None to the best of my knowledge
Hazardous Materials Storage	None to the best of my knowledge
Salt Storage	None to the best of my knowledge

Potential Item of Concern	Interview Comments
Fuel Storage Tanks	None to the best of my knowledge
Odours	None to the best of my knowledge
Potable Water	City water
Septic and Wastewater Discharges	Septic at the front of the property + 2 sump pumps
Pesticides	None to the best of my knowledge
Mould	None to the best of my knowledge
Heating and Cooling Systems	Natural Gas forced air & Central AC
Major Mechanical Equipment	None to the best of my knowledge
Waste Oils, Solvents, Batteries	None to the best of my knowledge
PCBs	I don't know what that is
Asbestos	None to the best of my knowledge
Lead Paint	None to the best of my knowledge

Potential Item of Concern	Interview Comments
Ozon Depleting Substances (ODS)	None to the best of my knowledge
Electromagnetic Radiation	None to the best of my knowledge
Urea-formaldehyde foam insulation (UFFI)	None to the best of my knowledge
Mercury	None to the best of my knowledge
Radon Gas	None to the best of my knowledge
Soil and Groundwater Conditions	Unknown
Wells	None
Waste Disposal and Recycling	Curb pick up by the city of Ottawa
Fill Material	None to the best of my knowledge
Floor Drains/OWS (discharge locations)	None to the best of my knowledge, not sure what OWS is
Other	

Future use of property: Residential

PHASE ONE ENVIRONMENTAL SITE ASSESSMENT
2504 WHITE STREET, NAVAN, ONTARIO

APPENDIX F
SITE PHOTOGRAPHS

McINTOSH PERRY

Photo 1: Sewage collection pit and water heater located in basement furnace room

Photo 2: Gas-fired furnace located in basement furnace room

Photo 3: Gas connection on east side (front) of house

Photo 4: House and driveway, facing east from White Street, showing ditch and corrugated steel pipe culvert along White Street in foreground

Photo 5: Facing southeast from front of house, showing location of septic bed

Photo 6: Facing northeast from south property boundary, showing utility pole along White Street and location of underground electrical service (flagged) to house

Photo 7: West side (rear) of house, facing east, showing central air conditioning unit and gas furnace exhaust

Photo 8: Detached garage, facing west

Photo 1: Western portion of property, facing west

Photo 2: Northern portion of property, facing south from Renaud Road