FINAL REPORT

PHASE I ENVIRONMENTAL SITE ASSESSMENT

PROPERTY LOCATED AT
500 FAMILLE-CÔTÉ AVE, ORLÉANS, ONTARIO

CLIENT CODE: **BATIMO101**
REF/ABS: **242537**

December 2024

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CONFIDENTIAL
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REGISTER OF REVISIONS AND ISSUES

REVISION #	DATE	DESCRIPTION OF THE MODIFICATION AND/OR ISSUE
00	2024-12-11	Draft Report
00	2024-12-19	Final Report

DISTRIBUTION

DESCRIPTION	NAME | TITLE
One electronic report (PDF format)	Charbel Abou-Tayeh

EXECUTIVE SUMMARY

On October 17, 2024, **Groupe ABS Inc. (ABS)** was retained by **EDM Construction-Batimo Group** (EDM Batmio) represented by **Charbel Abou-Tayeh**, to perform a Phase I Environmental Site Assessment (ESA) of the property located at **500 Famille-Côté Avenue, Ontario** (the "Site" or "Property").

The Site remains vacant as of 2024, and appears to have been vacant dating back to at least 1949. The Site currently consists of vacant grassland with no structures or evidence of development, with a total property area of approximately 8,948 m^2 (0.8948 hectares).

The surrounding area was investigated to 250 metres (m) from the Site (the "Study Area" or "Neighbouring Properties" or "Adjoining Properties") and was observed to consist of residential subdivision developments.

This Phase I ESA followed standards outlined in the Canadian Standards Association (CSA) document "*Phase I Environmental Site Assessment, CSA Standard Z768-01*" dated November 2001 (reaffirmed 2022). The primary goal of this Phase I ESA was to identify any past or present activities that have the potential to negatively affect the quality of the soil or groundwater at the Site. This assessment aims to determine if a Phase II ESA should be performed to assess the actual environmental quality at the Site. ABS understands that this Phase I ESA is required strictly for due diligence purposes and that it is not meant to be used as supporting documentation for the filing of a Record of Site Condition (RSC) with the Ministry of the Environment, Conservation and Parks (MECP).

This Phase I ESA included a record review, a Site reconnaissance, and an interview with a representative of the Site owner, and based on the information gathered during this assessment, no on-Site or off-Site Potentially Contaminating Activities (PCAs) resulting in Areas of Potential Environmental Concern (APECs) at the Site were identified. Consequently, no additional investigations or actions are required.

The statements made in this Executive Summary are subject to the same limitations as contained in the report and should be read in conjunction with the entire report.

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1.0 INTRODUCTION

On October 17, 2024, **Groupe ABS Inc. (ABS)** was retained by **EDM Construction-Batimo Group** (EDM Batmio) represented by **Charbel Abou-Tayeh**, to perform a Phase I Environmental Site Assessment (ESA) of the property located at **500 Famille-Côté Avenue, Ontario** (the "Site" or "Property").

1.1 OBJECTIVES

This Phase I ESA aims to determine if the Property has any environmental liability pursuant to the Canadian Standards Association (CSA) Phase I ESA Standard and to identify any Areas of Potential Environmental Concern (APECs) at the Property resulting from any current or historic Potentially Contaminating Activities (PCAs) on-Site, or within a 250m radius (the "Study Area" or "Neighbouring Properties" or "Adjoining Properties"). It should be noted that sampling or testing of the soil, groundwater, or building materials was not within the scope of this Phase I ESA.

ABS understands that this Phase I ESA is required strictly for due diligence purposes and is not meant to be used as supporting documentation for the filing a Record of Site Condition (RSC) with the Ministry of the Environment, Conservation and Parks (MECP).

1.2 METHODOLOGY

This Phase I ESA followed the standards outlined in the CSA document titled "*Phase I Environmental Site Assessment, CSA Standard Z768-01*," dated November 2001 (reaffirmed 2022).

In order to assess the environmental condition of the Property, the following steps were undertaken:

- A review of historical records for the Site and Neighbouring Properties, including:
    - Title search;
    - Available fire insurance plans and reports;
    - City directories;
    - Available aerial photographs and satellite images;
    - Available reports related to, or addressing the environmental conditions on the Site;
    - Available geological maps (surface geology, bedrock geology, hydrology, and overburden thickness);
    - Publicly available information sources such as topographical maps, historical land use maps, etc.; and
    - The municipal authorities document for environmental records addressing issues such as permits, complaints, or violations.
- A Site reconnaissance to investigate the current property uses of the Site, and the properties within the Study Area, including:
    - Examination of the ground surface for physical indications of soil contamination (e.g., oil stains, abandoned drums, stressed vegetation, unused vent and fill pipes from old fuel tanks, etc.);

- Verification of the use and storage of hazardous materials (e.g., used oil, paint, etc.);
- Identification of possible sources of environmental risk related to the observed property use, where possible.

- Interviews with knowledgeable individuals.

The scope and conditions of use of the report, as well as ABS's limitation of liability, are presented in Section 11.0.

2.0 SITE DESCRIPTION AND OCCUPANCY

2.1 SUMMARY DESCRIPTION OF THE SITE

The Site is located west of Famille-Côté Avenue and comprises a single parcel covering an area of 8,948 m^2 (0.89 hectares).

The location of the Site is provided in **FIG-01** of **Appendix 1**, and the extent of the Phase I ESA Study Area, including the 250-meter radius buffer zone, is provided in **FIG-02** of **Appendix 1**. **Table 2-1** briefly describes the Site and its occupancy.

Table 2-1. SUMMARY DESCRIPTION OF THE SITE

General Current Use	Undeveloped	
Address	500 Famille-Côté Avenue, Ontario	
Property Identification Number	03940-0286	
Building Description	No buildings observed on the Site.	
Number of Floors (Including Ground Level)	No buildings observed on the Site.	
Building Siding Material	No buildings observed on the Site.	
Basement or Crawl Space	No buildings observed on the Site.	
Year of Construction	The Site has never been developed.	
Topography	Flat	
Land Cover	The ground cover at the Site consists of undisturbed soil, and dense, tall grasses.	
Shape | Area	Rectangular |8,948 m^2	
Approximate Central Geographical Coordinates	Latitude:	45.483085 °
	Longitude:	-75.522119 °

2.2 CURRENT ZONING OF THE SITE AND ADJOINING PROPERTIES

According to the City of Ottawa zoning by-law 2008-250 Consolidation, the Site is located within a Mixed Use/Commercial Zone , and the adjacent properties within the Study Area are designated as residential.

2.3 MUNICIPAL SERVICES

According to information collected during the Site reconnaissance completed as part of this study, the Site is not served by municipal electricity, sewers, gas, water, and waste removal.

3.0 RECORDS REVIEW

3.1 CHAIN OF TITLE

The review of the chain of title is used to identify owners or occupants who, as a result of their activities, may have negatively affected the environmental quality of the Site.

According to the Parcel Register Abstract, dated 20 November 2024, the Site has Property Identification Number (PIN) 03940-0286, identified as Block 6, Plan 4M1682, and is located in the City of Ottawa. The Site was subdivided from land associated with PIN 03940-0280 on August 24, 2021, and the current registered owner of the site is Champlain Avenue Development Investments Ltd., which was transferred from 2549386 Ontario Inc in 2022.

A copy of the Parcel Register Abstract is provided in **Appendix 2**.

3.2 CITY DIRECTORY

The City Directory search provides the names of businesses operating at specified municipal addresses. Based on a thorough review of other historical sources, including aerial photographs, chain of title, TSSA search, and the ERIS report, it was determined that obtaining the City Directory would not provide additional information that could impact the findings or conclusions of the Phase I ESA.

3.3 ERIS DATABASE REPORT

ABS contacted Environmental Risk Information Services Ltd. (ERIS) to conduct a search of public and private information databases for the Property and the Study Area: no records were identified for the Site, and nineteen (19) records were identified for Neighbouring Properties. Additionally, thirty-two (32) "unplottable" records were returned in the search, and upon further review, insufficient information was available to state whether any of the records were located within the Study Area.

All nineteen (19) records were thoroughly reviewed, and no PCAs resulting in APECs at the Site were identified. Records relevant to this assessment are summarized in **Table 3-1.**

The complete ERIS report, which includes a list of searched databases, is provided in **Appendix 3**.

Table 3-1. ERIS REPORT SUMMARY

Municipal Address Distance-Direction to Site	Database	Description	Notes
6983 Bilberry Drive 85 m - southwest	SPL	A spill related to a motor vehicle accident was reported by a resident in April 2015, with gasoline being discharged to a catch basin.	This record is not considered a potential environmental concern for the Site because of the distance to the Site and the small-scale nature of the spill.
70 m south of Jeanne D'arc Boulevard along Champlain Street 125 m east	SPL	An unspecified leak or break of 8 litres of contaminant was reported in April 2021.	This record is not considered a potential environmental concern for the Site based on the distance to the Site and the small-scale nature of the spill.

Municipal Address Distance-Direction to Site	Database	Description	Notes
Corner of Champlain St and Jeanne D'arc Boulevard 130 m northeast	SPL	A spill of motor oil of unknown volume related to a motor vehicle collision was reported in August 2014, with fluids discharging to a catch basin.	This record is not considered a potential environmental concern for the Site because of the distance to the Site, and the record is downgradient to the Site.
Note: SPL: Ontario Spills			

3.4 FIRE INSURANCE PLANS AND REPORTS

Opta Information Intelligence (Opta) is a company that has created a database of Fire Insurance Plans (FIPs) established by the Canadian Association of Insurers and various fire insurance inspection reports established by private insurance companies. Opta reports provide property-specific information pertaining to historical land uses, the storage and use of chemical products, and a description of building materials.

Based on a thorough review of the Site and Study Area, there was no development in the region until after 1976, and therefore, it was determined that obtaining FIP reports would not provide additional information that could impact the findings or conclusions of the Phase I ESA.

3.5 DOCUMENTATION PROVIDED BY THE CLIENT

ABS has reviewed three (3) Phase I ESA reports prepared for 850 Champlin Street, which originally included the Site prior to its subdivision in 2021. The following sections present a summary of the key findings from these reports.

***Phase I Environmental Site Assessment, Vacant Land, 850 Champlin Street, Ottawa (formerly Orleans), Ontario*, prepared by Paterson Group Inc., dated December 1, 2010**

Paterson Group (Paterson) conducted a Phase I ESA in 2010 for a vacant parcel of land situated at the southwest corner of Jeanne d'Arc Boulevard North and Champlain Street in the City of Ottawa (formerly Orleans). The assessed property encompassed the current Site, which, according to ABS's understanding, was subdivided from the original parcel in 2021. The Phase I ESA was conducted to investigate its past and current uses and identify any potential environmental concerns. Historical records review revealed the assessed property was used for agricultural purposes and housed a barn from at least 1955 to 1973 before remaining vacant. Paterson did not identify any PCAs associated with the property's current or historical uses, nor with the adjacent lands that could result in an APEC on site.

***Phase I Environmental Site Assessment, Vacant Property, 850 Champlin Street, Ottawa, Ontario*, prepared by Paterson Group Inc., dated August 8, 2016**

In 2016, Paterson completed a Phase I ESA for the property located at 850 Champlain Street, Ottawa. This assessment followed an earlier Phase I ESA conducted for the same site in 2010. Historical records review showed that the subject property was first developed in the 1960s with a building along its east side, which was removed in the mid-1980s. From 2011 to 2013, a sales center occupied the subject property, but it has largely remained undeveloped, primarily used for agriculture. Surrounding properties have historically included vacant and residential areas. No PCAs were identified on the subject property,

although a former retail fuel outlet located 80 m to the south was noted. However, as per Paterson, due to the thick clay overburden and distance from the subject property, the fuel outlet was not considered a risk, and no significant environmental concerns were identified.

***Phase I Environmental Site Assessment Update, 850 Champlin Street, Ottawa, Ontario*, prepared by Paterson Group Inc., dated April 13, 2020**

Paterson completed an updated Phase I ESA to the previous Phase I ESA for 850 Champlain Street, building upon the findings of the original Phase I ESA completed by the firm in 2016. Based on the records review and the site visit, no material changes were identified on the subject site or surrounding properties that would introduce APECs on the subject property.

4.0 REGULATORY INFORMATION AND CORRESPONDENCE

4.1 MINISTRY OF THE ENVIRONMENT, CONSERVATION AND PARKS

The MECP Freedom of Information (FOI) office was contacted on November 20, 2024, to obtain information about the Site, such as past or existing environmental permits, environmental orders, fuel storage tanks, or any other environmentally related information. As of the issuance of this report, a response has not been received from the MECP; if a response is received at a later date and significantly alters the findings of this report, an amendment will be issued.

A copy of the FOI request is provided in **Appendix 4**.

4.2 TECHNICAL STANDARDS AND SAFETY AUTHORITY

The Technical Standards and Safety Authority (TSSA), responsible for records regarding the licensing of fuel handling facilities in Ontario, was contacted on November December 4, 2024, to request available records relating to the Site and select properties within the Study Area. As of the issuance of this report, a response has not been received from the TSSA; if a response is received at a later date and significantly alters the findings of this report, an amendment will be issued.

A copy of the search request, including a list of the properties included in the search, is provided in **Appendix 5**.

5.0 PHYSICAL SETTING SOURCES

5.1 AERIAL PHOTOGRAPHS AND SATELLITE IMAGES

Aerial photographs were taken at different intervals and selected based on their suitability for analysis and coverage area, and date back to 1949. Based on a review of the aerial photographs, the Site remains vacant as of 2022, with roadway construction of Famille-Côté Avenue occurring on the Site between 2017 and 2022. The majority of development on neighbouring properties took place between 1976 and 1999, consisting mainly of residential subdivision development. Observations made from the selected aerial photographs are summarized in **Table 5-1**.

A collection of the aerial photographs analyzed as part of this assessment is provided in **Appendix 6**.

Table 5-1. AERIAL PHOTOGRAPHS AND SATELLITE IMAGES CONSULTED

Aerial Photograph Year	Site Observations	Neighbouring Properties Observations
1949	The Site appears to be vacant grassland with little evidence of ground disturbance.	Properties within the Study Area are mainly agricultural, with evidence of dense woodland to the south/southeast. No development is observed.
1976	The Site appears to be vacant grassland with little evidence of ground disturbance.	Properties within the Study Area are mainly vacant grassland to the south and east and woodland to the north. A subdivision is present along Champlain Street to the east of the Site. A single residential dwelling is located to the southeast of the Site.
1991	The Site appears to have had minor ground reworking completed but remains vacant and undeveloped.	Properties within the Study Area appear to have been developed significantly, with the construction of multiple major roadways (Jeanne d'Arc Blvd to the north, Bilberry Dr to the west) and new subdivision developments to the north and west. A single residential dwelling to the southeast of the Site was demolished.
2002	No significant changes can be observed between the 1991 and 2002 aerial photographs.	No significant changes can be observed between the 1991 and 2002 aerial photographs.
2008	No significant changes can be observed between the 2002 and 2008 aerial photographs.	No significant changes can be observed between the 2002 and 2008 aerial photographs.
2014	No significant changes can be observed between the 2008 and 2014 aerial photographs.	Minor ground reworking can be observed to the southeast of the Site in the region of the single residential dwelling that was demolished between 1976 and 1991.
2017	The Site appears to have been subject to ground reworking in the form of a narrow strip of land through the central section of the Site, striking west to east. The ground reworking appears to be related to early stages of Famille-Côté Avenue roadway construction.	Ground reworking in the form of a narrow strip of land striking east to west is observed stretching from Champlain Street to the central portion of the Site. Ground reworking is also observed immediately to the southeast of the Site in the form of a narrow strip of land striking north to south. The ground reworking appears to be related to early stages of Famille-Côté Avenue roadway construction.
2019	The Site appears to have been subject to ground reworking, with disturbed dirt being observed at surface. The ground reworking appears to be related Famille-Côté Avenue roadway construction. Famille Côté Avenue blacktop observed.	Extensive ground reworking is observed to the east and south of the Site, with disturbed dirt being observed at surface. Black-top surfaces associated with the construction of Famille-Côté Avenue and John Holden Way Road is observed.

Aerial Photograph Year	Site Observations	Neighbouring Properties Observations
2022	The Site appears to have recovered from previous ground reworking, with ground coverage consisting mainly of grassland.	The subject area east and south of the Site appears to have recovered from previous ground reworking, with ground coverage consisting mainly of grassland.

5.2 TOPOGRAPHY, HYDROLOGY, AND GEOLOGY

ABS reviewed available maps to determine features of the Site and the Study area, such as local geology, topography, hydrogeology, and locations of nearby watercourses. A description of the Site and Study Area features is provided below in **Table 5-2**.

Table 5-2. SUMMARY OF MAPS REVIEWED

Map Title	Site and Adjoining Properties Features
Natural Heritage Areas	The Site is located at an elevation of approximately 60 m above sea level (m asl) and is generally topographically flat. The nearest expected (significant) surface water body is the Ottawa River, located approximately 1 kilometer north of the Site. The shore of the Ottawa River has an elevation of approximately 40 m asl, with topography dropping at a steeper rate near the River edge.
Ontario Geological Survey (OGS) Paleozoic Geology of Southern Ontario	The bedrock geology within the Study Area consists of limestone of the Bobcaygeon Formation, Simcoe Group.
OGS Surficial Geology of Southern Ontario	The surficial geology of the Study Area is composed mainly of fine-textured silt and clay, with minor sand and gravel.
Natural Heritage Areas	There are no wetlands or Areas of Natural Scientific Interest (ANSI) located at the Site or within the Study Area.
Well Records	No well records were located on the Site. A total of six (6) well records were found within the Study Area.

No hydrogeological study or information about the Site was made available to ABS; however, considering the Site's topographical features and the presence of the Ottawa River to the north, it is expected that groundwater flow direction will follow the topography and flow towards the north.

6.0 INTERVIEW AND SITE RECONNAISSANCE

6.1 INTERVIEW

ABS conducted a phone interview with Ravi Shanghavi, the Site owner, at approximately 11:00 on November 29, 2024. Ravi Shanghavi has been familiar with the Site since entering into a purchase agreement for the property in 2021 and has been identified by ABS as the individual with the most complete knowledge of the Site and its past activities.

Information relevant to this Phase I ESA gained from the interview with Ravi Shanghavi is summarized below:

- The Site is currently an undeveloped field/grassland;
- The Site has never been developed, and there have been no previous land uses/activities at the Site;

- No domestic supply wells have been present at the Site, and the Site is not serviced with municipal water;
- No private septic systems have been present at the Site, and the Site is not serviced with municipal sewers;
- No underground storage tank (UST) and/or above-ground storage tank (AST) have been present at the Site;
- No elevators, lifts, or other hydraulic equipment have been present at the Site; and
- No fill material has been imported to the Site.

6.2 SITE RECONNAISSANCE

Jim Brooks from ABS conducted a Site reconnaissance at approximately 11:00 on November 26, 2024, and the weather at the time of the reconnaissance was 2 degrees Celsius with light rain. The reconnaissance took approximately two (2) hours to complete, and no obstacles limiting ABS' ability to investigate the Site or Study Area were encountered; however, it should be noted that as the Site is characterized by dense, tall grasses which limited ABS' ability to observe the ground surface in its entirety.

The Site reconnaissance served to document the current property uses of the Site and the properties within the Study Area; to investigate the Site for signs of environmental contamination; to identify areas of potential environmental concern that may have resulted from the current and/or historical activities at the Site or within the Study Area; and to assess possible pathways for potential contaminants to migrate to and from the Site. The reconnaissance included a thorough investigation of the Site; an observational investigation of all properties within the Study Area (from publicly accessible areas); and the collection of photographs documenting the characteristics of the Site, select properties within the Study Area, and all potentially contaminating activities observed during the reconnaissance.

Select photographs taken during the reconnaissance are included in **Appendix 7**, and all relevant observations made during the reconnaissance are summarized in **Table 6-1** to **Table 6-3**.

Table 6-1. SITE OBSERVATIONS

Element	Observed On-Site Yes	Observed On-Site No	Details
Current Property Use	☒	☐	The Site was observed to be an undeveloped field/grassland.
Buildings/Structures	☐	☒	No buildings or structures, or signs of previous developments were observed at the Site.
Belowground Structures	☐	☒	No belowground structures were observed, nor are suspected of being present at the Site.
ASTs	☐	☒	No ASTs were observed at the Site.
USTs	☐	☒	No signs of current or historical USTs were observed at the Site.
Electrical Service	☐	☒	No electrical services were observed at the Site.
Gas Service	☐	☒	No gas services were observed at the Site.

Element	Observed On-Site Yes	Observed On-Site No	Details
Sewage Works	☐	☒	No signs of current or former septic systems were observed at the Site.
Waste Removal	☐	☒	No waste storage areas were observed at the Site.
Potable And Non-Potable Water Sources	☐	☒	No water sources were observed at the Site.
Wells	☒	☐	One (1) monitoring well was observed in the south portion of the Site.
Underground Utilities and/or Service Corridors	☒	☐	A belowground municipal storm sewer was observed along the south boundary of the Site.
Building Entry and Exit Points	☐	☒	No buildings were observed at the Site.
Heating/Cooling Systems	☐	☒	No heating or cooling systems were observed at the Site
Drains	☐	☒	No drains were observed at the Site
Pits	☐	☒	No pits were observed at the Site.
Sumps	☐	☒	No sumps were observed at the Site.
Hydraulic Equipment	☐	☒	No hydraulic equipment was observed at the Site.
Stains	☐	☒	No stains were observed at the Site.
Corrosion	☐	☒	No corrosion was observed at the Site.
Ground Cover	☒	☐	The ground cover at the Site consists of undisturbed soil, and dense, tall grasses.
Stressed Vegetation	☐	☒	No stressed vegetation was observed at the Site.
Fill Material	☐	☒	No fill material was observed at the Site.
Debris	☐	☒	No debris was observed at the Site.
Rail Lines or Spurs	☐	☒	No rail lines or spurs were observed at the Site.
Unidentified Substances	☐	☒	No unidentified substances were observed at the Site.
Water Bodies	☐	☒	No water bodies were observed at the Site; the closest water body is the Ottawa River, located approximately 1 kilometer north of the Site.
Wetlands	☐	☒	No wetlands were observed at the Site.
Areas of Natural Significance	☐	☒	No areas of natural significance were observed at the Site.

No PCAs were identified at the Site based on observations made during the reconnaissance.

Table 6-2. STUDY AREA OBSERVATIONS

Element	Observed within the Study Area Yes	No	Details
Service Garages	☐	☒	No service garages were observed within the Study Area.
Gas Stations	☐	☒	No gas stations were observed within the Study Area.
Dry Cleaners	☐	☒	No dry cleaners were observed within the Study Area.
Industrial Manufacturing	☐	☒	No industrial manufacturing was observed within the Study Area.
ASTs	☐	☒	No ASTs were observed within the Study Area.
USTs	☐	☒	No signs of current or historical USTs were observed within the Study Area.
Rail Lines or Spurs	☐	☒	No rail lines or spurs were observed within the Study Area.
Domestic Supply Wells	☐	☒	No domestic supply wells were observed within the Study Area; it is inferred that all properties within the Study Area are serviced with municipal water.
Water Bodies	☐	☒	No water bodies were observed within the Study Area.
Wetlands	☐	☒	No wetlands were observed within the Study Area.
Areas of Natural Significance	☐	☒	No areas of natural significance were observed within the Study Area.

Table 6-3. ADJACENT PROPERTY OBSERVATIONS

Orientation	Property Use	Description
North	Residential	Jeanne-D'arc Boulevard, followed by two-storey single-family homes along Grenoble Crescent.
Northeast	Residential	Jeanne-D'arc Boulevard, followed by two-storey single-family homes along Grenoble Crescent.
East	Undeveloped	Famille-Côté Avenue, followed by an undeveloped field/grassland.
Southeast	Undeveloped	Famille-Côté Avenue, followed by a property that is currently being developed with a six-storey building.
South	Undeveloped	Undeveloped field/grassland.
Southwest	Residential	Du Bois Avenue, followed by two-story single-family townhomes along Du Bois Avenue.
West	Residential	Bilberry Drive, followed by two-story single-family townhomes along Bilberry Drive.
Northwest	Residential	Jeanne-D'arc Boulevard, followed by two-storey single-family homes along Grenoble Crescent.

No PCAs were identified within the Study Area based on observations made during the reconnaissance.

6.3 HAZARDOUS MATERIALS

Ontario Regulation 490/09 (O. Reg. 490/09) prescribes the following eleven (11) chemical agents as designated substances (i.e. a biological, chemical or physical agent or a combination thereof prescribed as a designated substance to which the exposure of a worker is prohibited, regulated, restricted, limited or controlled) under the Ontario Health and Safety Act: acrylonitrile, arsenic, asbestos, benzene, coke oven emissions, ethylene oxide, isocyanates, lead, mercury, silica and vinyl chloride. Furthermore, CSA Standard Z768-01 lists the following five substances as special attention items: polychlorinated biphenyl (PCBs), asbestos-containing materials (ACM), lead, ozone-depleting materials (ODMs), and urea foam formaldehyde insulation (UFFI). These substances and other conditions (such as the presence of mold) require special attention due to heightened public concern, and specific environmental legislation addressing their potential presence during construction, renovation, and demolition type projects.

Table 6-4 outlines the suspected on-Site presence of the above-mentioned hazardous substances and is based on information obtained during the interview with Ravi Shanghavi, and observations made during the reconnaissance.

Table 6-4. SUSPECTED PRESENCE OF HAZARDOUS SUBSTANCES

Hazardous Substances	Suspected on Site Yes	No	Notes
Acrylonitrile	☐	☒	Acrylonitrile is a colourless liquid that is largely used in the production of acrylic fibres, plastics, and synthetic rubbers. Based on observations made during the reconnaissance, the presence of Acrylonitrile is not suspected at the Site.
Arsenic	☐	☒	Arsenic is an element that has numerous industrial applications, some of which include wood preservation, metallurgy, and the production of glass, herbicides, and pesticides. Based on observations made during the reconnaissance, the presence of arsenic is not suspected at the Site.
Asbestos	☐	☒	Asbestos is a fibrous silicate mineral that was commonly incorporated into building materials due to its strength and its ability to resist heat and absorb sound (e.g. floor and ceiling tiles, drywall compounds and plaster, plumbing fixtures, brick mortar and parging cement, caulking, and fireproofing, etc.); however, the use of asbestos containing materials was largely phased out in Canada by 1990 as extensive regulations limiting the use of asbestos were implemented throughout the 1970s and 1980s following the discovery of a correlation between asbestos exposure and a variety of adverse health effects. Given that there are no buildings or structures at the Site, the presence of asbestos is not suspected at the Site.
Benzene	☐	☒	Benzene is a colorless/light-yellow liquid that has a wide range of industrial applications, including the manufacturing of plastics, rubbers, resins, synthetic fibers, lubricants, dyes, detergents, etc. Based on observations made during the reconnaissance, the presence of benzene is not suspected at the Site.
Coke oven emissions	☐	☒	Coke oven emissions are the emissions produced through the process of coking, where coal is heated in a coke oven to produce coke. Based on observations made during the reconnaissance, the presence of coke oven emissions is not suspected at the Site.

Hazardous Substances	Suspected on Site Yes	Suspected on Site No	Notes
Ethylene oxide	☐	☒	Ethylene oxide is a colourless gas that is mainly used in the sterilization of medical equipment, the production of ethylene glycol, and as a fumigant. Based on observations made during the reconnaissance, the presence of ethylene oxide is not suspected at the Site.
Isocyanates	☐	☒	Isocyanates are chemical compounds that are largely used in the industrial manufacturing of polyurethane foams and certain types of coatings. Based on observations made during the reconnaissance, the presence of isocyanates is not suspected at the Site.
Lead	☐	☒	Lead is an element that is very resistant to corrosion from atmospheric conditions, salt water, and most industrial chemicals, and may be found in paints, solder materials, pipe plumbing, ceramic tile glazing, mechanical equipment, and roof flashing; however, lead in coatings was largely phased out in Canada by 1990 as extensive regulations limiting the use of lead were implemented in 1976 due to its negative affects on human health. Given that there are no buildings or structures at the Site, the presence of lead is not suspected at the Site.
Mercury	☐	☒	Mercury is an element that is commonly found in emissions from industrial processes and can be found in button batteries, fluorescent tube lights, thermometers, thermostats, and electrical relays and switches. Based on observations made during the reconnaissance, the presence of mercury is not suspected at the Site.
Mould	☐	☒	Mould is a coloured dust-like structure (i.e. spore) formed by certain fungi and is commonly found growing on porous building materials in dark and damp environments. Based on observations made during the reconnaissance, the presence of mold growth is not suspected at the Site.
ODMs	☐	☒	ODMs are compounds that are commonly used in refrigeration and air conditioning, fire suppression systems, and foam blowing. Based on observations made during the reconnaissance, the presence of ODMs is not suspected at the Site.
PCBs	☐	☒	Polychlorinated biphenyls (PCBs) are chemical compounds that were extensively used in electrical equipment, transformers, and hydraulic fluids; however, as a result of environmental concerns, the Canadian government heavily restricted the use of PCBs in 1977, and only PCB-containing equipment that was already in place prior to July 1, 1980, (as well as certain “closed use” equipment that existed before September 1, 1977) is still allowed. Given that there are no buildings or structures at the Site, the presence of PCBs is not suspected at the Site.
Silica	☐	☒	Silica is a mineral that is known to be present in a variety of aggregate building materials used in construction (e.g. plaster, drywall, concrete, mortar, tiles, etc.). Given that there are no buildings or structures at the Site, the presence of silica is not suspected at the Site.
Vinyl chloride	☐	☒	Vinyl chloride is a flammable and explosive colourless gas that is primarily used in the plastic industry to manufacture polyvinyl chloride. Based on observations made during the reconnaissance, the presence of vinyl chloride is not suspected at the Site.

Hazardous Substances	Suspected on Site Yes	No	Notes
UFFI	☐	☒	UFFI was widely used in the 1970s for insulating and retrofitting industrial, commercial, and older residential buildings; however, the use of UFFI was banned in Canada under the Hazardous Products Act in 1980. Given that there are no buildings or structures at the Site, the presence of UFFI is not suspected at the Site.

It should be noted that a Designated Substance Survey (DSS) is not within the scope of this Phase I ESA, and any information about hazardous substances provided herein is strictly for informational purposes. This report should in no way be relied upon for any work involving hazardous substances, and it is strongly recommended that a DSS is completed prior to conducting any construction, renovation, or demolition work at the Site.

7.0 FINDINGS AND EVALUATION

7.1 CURRENT AND PAST USES

Based on a review of the aerial photographs, the Site remains vacant as of 2024, with roadway construction of Famille-Côté Avenue occurring on the Site between 2017 and 2022. The majority of development on neighbouring properties took place between 1976 and 1999, consisting mainly of residential subdivision development.

7.2 POTENTIALLY CONTAMINATING ACTIVITIES

Based on the findings of the Phase I ESA, no On-Site or Off-Site PCAs contributing to APECs were identified.

7.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN

Based on the findings of the Phase I ESA, no APECs were identified at the Site.

8.0 CONCLUSIONS AND RECOMMENDATIONS

On October 17, 2024, Groupe ABS Inc. (ABS) was retained by EDM Construction-Batimo Group (EDM Batmio) represented by Charbel Abou-Tayeh, to perform a Phase I Environmental Site Assessment (ESA) of the property located at 500 Famille-Côté Avenue, Ontario (the "Site" or "Property").

The Site remains vacant as of 2024, and appears to have been vacant dating back to at least 1949. The Site currently consists of vacant grassland with no structures or evidence of development, with a total property area of approximately 8,948 m^2 (0.8948 hectares).

This Phase I ESA followed standards outlined in the CSA document "*Phase I Environmental Site Assessment, CSA Standard Z768-01*," dated November 2001 (reaffirmed 2022). The primary goal of this Phase I ESA was to identify any past or present activities that have the potential to negatively affect the quality of the soil or groundwater at the Site. This assessment aims to determine if an intrusive investigation of soil and/or groundwater, i.e., a Phase II ESA, should be performed at the Site. ABS understands that this Phase I ESA is required strictly for due diligence purposes and that it is not meant to be used as supporting documentation for the filing of an RSC with the MECP.

This Phase I ESA included a record review, a Site reconnaissance, and an interview with a representative of the Site owner. Based on the information gathered during this assessment, no On-Site or Off-Site PCAs were identified that would lead to any APECs at the Site. Consequently, no additional investigations or actions are required.

9.0 QUALIFICATION OF THE ASSESSOR(S)

Brent Redmond, M.A.Sc., P.Geo, working as a Project Manager within the Environmental Team at ABS's Ottawa Office, prepared this report. Brent has five years of experience in environmental science and hydrogeology. Brent is skilled in writing technical reports for environmental projects with a focus on soil and groundwater.

Ata Babakhani, Ph.D., E.I.T., working as a Project Manager of the Environmental Team at ABS's Ottawa Office, reviewed the report. His expertise includes conducting Phase I and II ESAs. He is proficient in soil and groundwater sampling, adhering strictly to Ontario Regulation 153/04, as well as the CSA Z768-01 and Z769-00 environmental protocols, ensuring thorough and compliant environmental investigations.

Jim Brooks, B.Sc., working as an Assistant Project Manager with the Environmental Department at ABS's Ottawa Office, completed the Site Reconnaissance. Jim has four and a half years of experience in geoscience, environmental science, and ecology. Jim is skilled in field sampling and has led many ESA projects, as well as a variety of other environment and ecology projects.

10.0 REFERENCES

1. Atlas of Canada, Topographic Maps. Available from: Toporama | Natural Resources Canada (atlas.gc.ca) [Accessed November 2024].
2. Canadian Standards Association. Z768-01 (R2022), Phase I Environmental Site Assessment, CSA Standard Z768-01, dated November 2001, Reaffirmed 2022.
3. ERIS Database Report, November 21, 2024. 500 Famille-Côté Ave, Orléans, ON K1C 5L4. Order No. 24111800277
4. Geographic Information System (GIS), GeoOttawa. Available from: https://maps.ottawa.ca/geoottawa/ [Accessed December 2024].
5. Ontario Ministry of Natural Resources, 2023. Natural Heritage Areas. Available from: Make A Map: Natural Heritage Areas (gov.on.ca) [Accessed November 2024].
6. Ontario Ministry of the Environment, Conservation, and Parks, 2024. Map: Well records. Available from: Map: Well records | ontario.ca [Accessed November 2024].

11.0 REPORT LIMITATIONS

The Phase I Environmental Site Assessment (ESA) report was prepared by **Groupe ABS Inc.** at the request and for the benefit of the Client and is, therefore, for their exclusive use. The conclusions presented in this Phase I Environmental Site Assessment (ESA) are based on available documentation, interviews, and interpretation of information (at a specific time and a specific location).

Groupe ABS Inc. assumes that the information provided by all third parties is true and based on facts. However, **Groupe ABS Inc.** assumes no responsibility for the accuracy or reliability of this information.

The reader should be aware that no Phase I Environmental Site Assessment can determine with absolute certainty that a site is free of any environmental liabilities, such as subsurface soils and/or groundwater contamination. As such, **Groupe ABS Inc**. is bound by an obligation of means and cannot be held responsible for such liabilities that are hidden or that could not be verified during the site visit.

Furthermore, it should be noted that the results of the present study are valid only for the period during which the assessment was conducted and that they could be modified by subsequent activities on the site or adjacent properties as well as changes in laws, regulations or environmental policies.

Groupe ABS Inc. accepts no responsibility for damages suffered by any third party as a result of decisions based on this report.

Under no circumstances can a third party use this report, or its conclusions and recommendations without the permission of **Groupe ABS Inc**. and the client.

Finally, it is important to note that the contents of this report are not a legal opinion.

APPENDIX 1

FIGURES

Sources : Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community | Image © 2024 Google / © 2024 DigitalGlobe

ABS
8-850 Industrial Avenue, Ottawa
Phone: 514 448-2850
Email: ottawa@groupeabs.com Fax: 450 454-5645

Date: November 2024

Client: Groupe EMD Batimo inc.

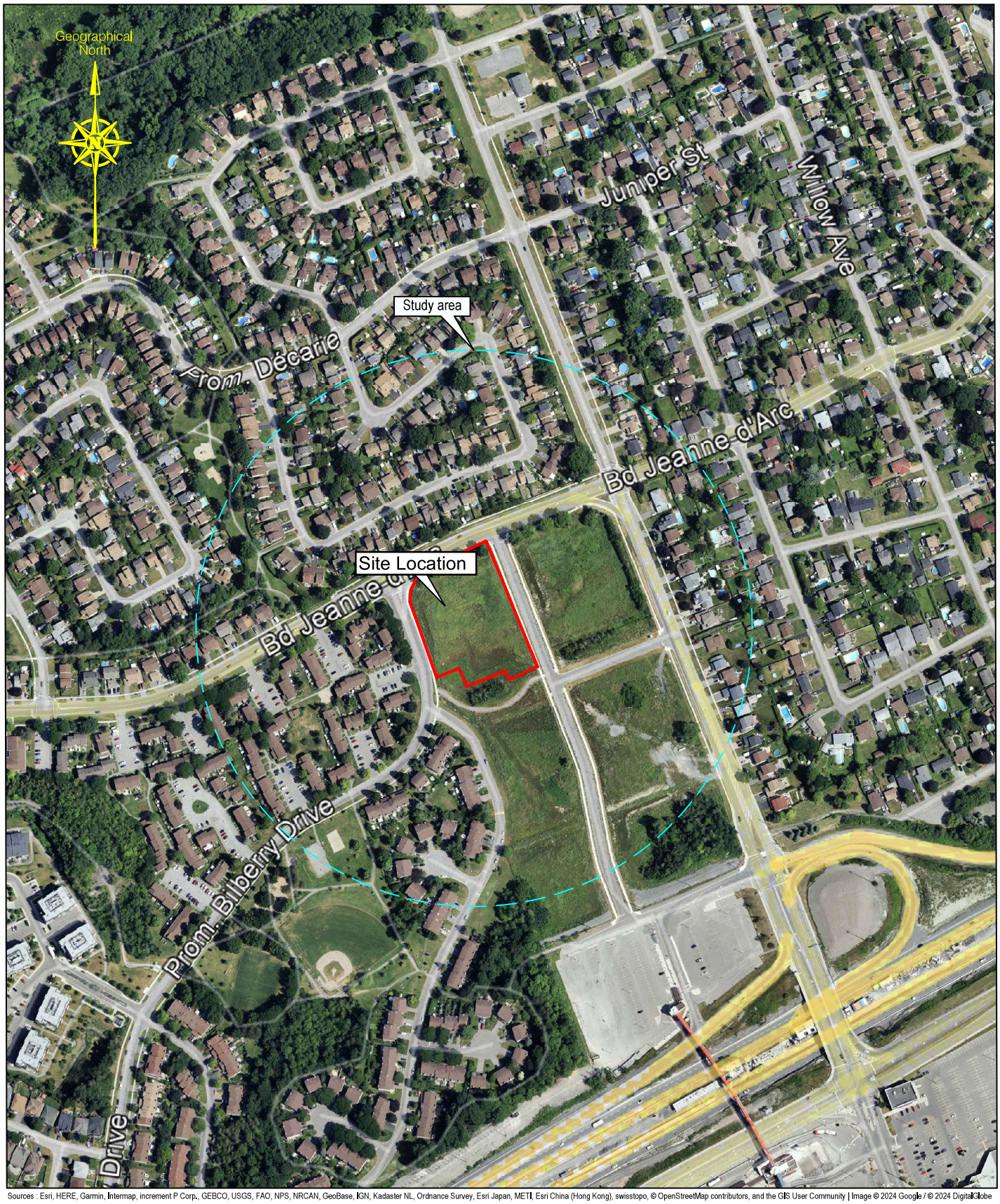
Project: Phase I Environmental Site Assessment (ESA)

Drawn by: K. Si Moussa, Drafter
Reviewed by: B. Aidan Redmond, M.A.Sc., P.Geo.
Reviewed by: A. Babakhani, Ph.D., E.I.T.

Title: Site Locaion Map

Location: 500 Famille-Côté Avenue, Orléans, Ontario

Client code: BATIMO101
F/N: EO-24-2537-00
Client ref.:
Drawing # FIG-01



Sources : Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and the GIS User Community | Image © 2024 Google / © 2024 DigitalGlobe

ABS
8-850 Industrial Avenue, Ottawa
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Drawn by: K. Si Moussa, Drafter
Reviewed by: B. Aidan Redmond, M.A.Sc., P.Geo.
Reviewed by: A. Babakhani, Ph.D., E.I.T.

Title: Site and Neighboring Proprerties

Location: 500 Famille-Côté Avenue, Orléans, Ontario

Client code: BATIMO101
F/N: EO-24-2537-00
Client ref.:
Drawing # FIG-02

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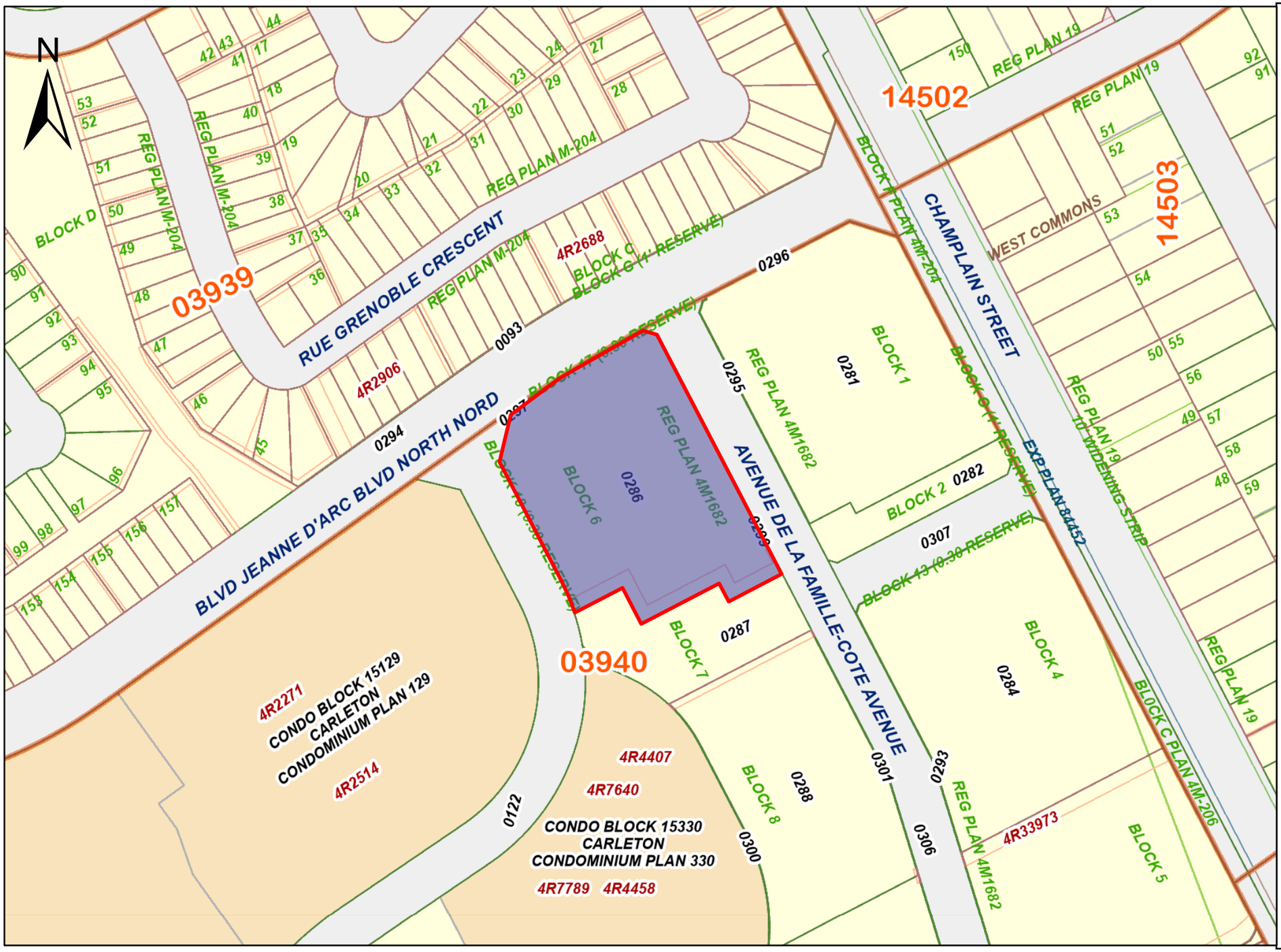
APPENDIX 2

PARCEL REGISTER ABSTRACT



ServiceOntario

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SCALE

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meters

PROPERTY INDEX MAP

OTTAWA-CARLETON(No. 04)

LEGEND

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

THIS IS NOT A PLAN OF SURVEY

NOTES

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

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

FOR DIMENSIONS OF PROPERTIES BOUNDARIES SEE RECORDED PLANS AND DOCUMENTS

ONLY MAJOR EASEMENTS ARE SHOWN

REFERENCE PLANS UNDERLYING MORE RECENT REFERENCE PLANS ARE NOT ILLUSTRATED

Ontario

PROPERTY DESCRIPTION: BLOCK 6, PLAN 4M1682; SUBJECT TO AN EASEMENT AS IN OC2425487; SUBJECT TO AN EASEMENT IN GROSS OVER PART 2 4R33973 AS IN OC2432131; SUBJECT TO AN EASEMENT OVER PART 16, 4R33973 AS IN OC2471642; SUBJECT TO AN EASEMENT IN FAVOUR OF BLOCK 4 PLAN 4M1682 AS IN OC2512289; CITY OF OTTAWA

PROPERTY REMARKS:

ESTATE/QUALIFIER:	RECENTLY:	PIN CREATION DATE:
FEE SIMPLE ABSOLUTE	SUBDIVISION FROM 03940-0280	2021/08/24

OWNERS' NAMES	CAPACITY	SHARE
CHAMPLAIN AVENUE DEVELOPMENT INVESTMENTS LTD.	ROWN	

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
*** PRINTOUT INCLUDES ALL DOCUMENT TYPES (DELETED INSTRUMENTS NOT INCLUDED) **						
LT149942	1977/03/29	NOTICE AGREEMENT			THE REGIONAL MUNICIPALITY OF OTTAWA-CARLETON	C
CORRECTIONS: 'DATE OF REGN.' CHANGED FROM '1976/03/29' TO '1977/03/29' ON 1994/09/23 BY PATRICK POWER.						
LT150065	1977/03/30	NOTICE AGREEMENT			THE CORPORATION OF THE TOWNSHIP OF GLOUCESTER	C
LT156889	1977/07/14	NOTICE AGREEMENT			THE CORPORATION OF THE TOWNSHIP OF GLOUCESTER	C
OC2382652	2021/08/04	NOTICE	$1	CITY OF OTTAWA	2549386 ONTARIO INC.	C
4M1682	2021/08/06	PLAN SUBDIVISION				C
CORRECTIONS: REGISTRATION TIME CHANGED FROM 10:21 TO 10:02 ON 2021/08/25 AT 12:05 BY STENHOUSE, CHERYLE.						
OC2383636	2021/08/06	NO SUB AGREEMENT		CITY OF OTTAWA	2549386 ONTARIO INC.	C
OC2383637	2021/08/06	NOTICE	$1	CITY OF OTTAWA	2549386 ONTARIO INC.	C
4R33973	2021/09/02	PLAN REFERENCE				C
OC2425487	2021/11/19	TRANSFER EASEMENT	$1	2549386 ONTARIO INC.	ROGERS COMMUNICATIONS INC.	C
REMARKS: PLANNING ACT STATEMENTS.						
OC2432131	2021/12/06	TRANSFER EASEMENT	$1	2549386 ONTARIO INC.	CITY OF OTTAWA	C
OC2471642	2022/03/28	TRANSFER EASEMENT	$2	2549386 ONTARIO INC.	BELL CANADA	C
REMARKS: PLANNING ACT STATEMENTS.						
OC2512275	2022/07/12	APL ANNEX REST COV		2549386 ONTARIO INC.		C
OC2512288	2022/07/12	TRANSFER	$1	2549386 ONTARIO INC.	CHAMPLAIN AVENUE DEVELOPMENT INVESTMENTS LTD.	C
OC2512289	2022/07/12	TRANSFER EASEMENT	$2	CHAMPLAIN AVENUE DEVELOPMENT INVESTMENTS LTD.	2549386 ONTARIO INC.	C

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
OC2512291	2022/07/12	CHARGE	$13,500,000	CHAMPLAIN AVENUE DEVELOPMENT INVESTMENTS LTD.	1070461 ONTARIO INC.	C
OC2512292	2022/07/12	NO ASSGN RENT GEN		CHAMPLAIN AVENUE DEVELOPMENT INVESTMENTS LTD.	1070461 ONTARIO INC.	C
REMARKS: OC2512291						
OC2631272	2023/09/06	CHARGE	$5,000,000	CHAMPLAIN AVENUE DEVELOPMENT INVESTMENTS LTD.	FISCHER GROUP INC. FISCHER, MARIAN KNEITZ, JASON CALLISTO MEDIA SYSTEMS INC. FISCHER, BRUCE FISCHER, LORRAINE KNEITZ, JASON KRUTINA, ELIZABETH FISCHER, MARIAN MCLAUGHLIN, ELIZABETH ALEX WAKTER DENTISTRY PROFESSIONAL CORP. SDJ HOLDINGS INC. WEATHERDON HOLDINGS INC. SHUGAR, DONNA NELLCO INC. MSTAR CAPITAL CORPORATION RED MAPLE CONSULTING INC. ASSOR, CORRINE LUNN, JONATHAN LUNN, LAURA 1350838 ONTARIO INC. LUNN, LAURA OLYMPIA TRUST COMPANY ENTUS, RENA GULLEN, JENNIFER PERCHAL-FRONC, ELIZABETH WOLOFSKY, LAWRENCE FOX, ROSALIE MESSIER, MARIE-CLAUDE SINGH, VINCENT PINSKY, SAMUEL THE LANIGAN GROUP INC. 1437093 ONTARIO INC. DOUEK, MARIAN JOE, ADAM BLEICHMAN, DAN BOLLING, ERIN LEAVITT, SHERRY	C

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
					ESCHER, RICK GUINDON, RENALD 517829 ONTARIO INC. SILBER, SHARI BATYAH HOLDINGS INC. VARAH, JEFF KEVIN CHARLEBOIS INVESTMENTS INC. SOMERSET-GENTOFTE INVESTMENTS CORP. BJERRE MEDICINE PROFESSIONAL CORPORATION DAHZA CORP. HAHAMOVITCH KOSHER IMPORTS INC. CHARLEBOIS, TYSON LUNN, MARTIN	
OC2631273	2023/09/06	NO ASSGN RENT GEN		CHAMPLAIN AVENUE DEVELOPMENT INVESTMENTS LTD.	FISCHER GROUP INC. FISCHER, MARIAN KNEITZ, JASON CALLISTO MEDIA SYSTEMS INC. FISCHER, BRUCE FISCHER, LORRAINE KNEITZ, JASON KRUTINA, ELIZABETH FISCHER, MARIAN MCLAUGHLIN, ELIZABETH ALEX WAKTER DENTISTRY PROFESSIONAL CORP. SDJ HOLDINGS INC. WEATHERDON HOLDINGS INC. SHUGAR, DONNA NELLCO INC. MSTAR CAPITAL CORPORATION RED MAPLE CONSULTING INC. ASSOR, CORRINE LUNN, JONATHAN LUNN, LAURA 1350836 ONTARIO INC. LUNN, LAURA OLYMPIA TRUST COMPANY ENTUS, RENA GULLEN, JENNIFER PERCHAL-FRONC, ELIZABETH WOLOFSKY, LAWRENCE FOX, ROSALIE MESSIER, MARIE-CLAUDE	C

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
					SINGH, VINCENT PINSKY, SAMUEL THE LANIGAN GROUP INC. 1437093 ONTARIO INC. DOUEK, MARIAN JOE, ADAM BOLLING, ERIN LEAVITT, SHERRY ESCHER, RICK GUINDON, RENALD 517829 ONTARIO INC. SILBER, SHARI BATYAH HOLDINGS INC. VARAH, JEFF KEVIN CHARLEBOIS INVESTMENTS INC. SOMERSET-GENTOTFE INVESTMENTS CORP. BJERRE MEDICINE PROFESSIONAL CORPORATION DAHZA CORP. HAHAMOVITCH KOSHER IMPORTS INC. CHARLEBOIS, TYSON LUNN, MARTIN	
REMARKS: OC2631272.						
OC2705241	2024/07/10	NOTICE	$1	CHAMPLAIN AVENUE DEVELOPMENT INVESTMENTS LTD.	1070461 ONTARIO INC.	C
REMARKS: OC2512291						
OC2705242	2024/07/10	POSTPONEMENT		FISCHER GROUP INC. FISCHER, MARIAN KNEITZ, JASON CALLISTO MEDIA SYSTEMS INC. FISCHER, BRUCE FISCHER, LORRAINE KNEITZ, JASON KRUTINA, ELIZABETH FISCHER, MARIAN MCLAUGHLIN, ELIZABETH ALEX WAKTER DENTISTRY PROFESSIONAL CORP. SDJ HOLDINGS INC. WEATHERDON HOLDINGS INC. SHUGAR, DONNA NELLCO INC. MSTAR CAPITAL CORPORATION RED MAPLE CONSULTING INC.	1070461 ONTARIO INC.	C

REG. NUM.	DATE	INSTRUMENT TYPE	AMOUNT	PARTIES FROM	PARTIES TO	CERT/ CHKD
				ASSOR, CORRINE LUNN, JONATHAN LUNN, LAURA 1350838 ONTARIO INC. LUNN, LAURA OLYMPIA TRUST COMPANY ENTUS, RENA GULLEN, JENNIFER PERCHAL-FRONC, ELIZABETH WOLOFSKY, LAWRENCE FOX, ROSALIE MESSIER, MARIE-CLAUDE SINGH, VINCENT PINSKY, SAMUEL THE LANIGAN GROUP INC. 1437093 ONTARIO INC. DOUEK, MARIAN JOE, ADAM BLEICHMAN, DAN BOLLING, ERIN LEAVITT, SHERRY ESCHER, RICK GUINDON, RENALD 517829 ONTARIO INC. SILBER, SHARI BATYAH HOLDINGS INC. VARAH, JEFF KEVIN CHARLEBOIS INVESTMENTS INC. SOMERSET-GENTOFTE INVESTMENTS CORP. BJERRE MEDICINE PROFESSIONAL CORPORATION DAHZA CORP. HAHAMOVITCH KOSHER IMPORTS INC. CHARLEBOIS, TYSON LUNN, MARTIN		
REMARKS: OC2631272 TO OC2705241						

APPENDIX 3

ERIS REPORTS

DATABASE REPORT

Project Property:	*Phase I ESA* *500 Famille-Côté Avenue* *Orléans ON K1C 5L4*
Project No:	
Report Type:	*Quote - Custom-Build Your Own Report*
Order No:	*24111800277*
Requested by:	*Groupe ABS Inc.*
Date Completed:	*November 22, 2024*

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 I ESA* *500 Famille-Côté Avenue Orléans ON K1C 5L4*
Project No:	

Order Information:

Order No:	*24111800277*
Date Requested:	*November 18, 2024*
Requested by:	*Groupe ABS Inc.*
Report Type:	*Quote - Custom-Build Your Own Report*

Historical/Products:

ERIS Xplorer	*ERIS Xplorer*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	2	2
CA	Certificates of Approval	Y	0	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	1	1
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	1	1
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	1	1

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	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
PFAS	Ontario PFAS Spills	Y	0	0	0
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	2	2
PPHA	Potential PFAS Handlers from EASR	Y	0	0	0
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	5	5
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

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
WDSH	***Waste Disposal Sites - MOE 1991 Historical Approval Inventory***	*Y*	*0*	*0*	*0*
WWIS	***Water Well Information System***	*Y*	*0*	*4*	*4*
		Total:	*0*	*19*	*19*

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	ECA	PSPIB-SHRT Inc.	850 Champlain St Ottawa ON L4W 0E4	ESE/30.8	0.99	17
1	EASR	AECON CONSTRUCTION ONTARIO EAST LIMITED	850 Champlain ST Ottawa ON K1C 1K3	ESE/30.8	0.99	17
2	SPL		7008 Bilberry Rd. Orleans OTTAWA ON	SSW/62.6	1.02	17
3	EHS		850 Champlain Street Orléans ON K1C 1K3	SE/68.0	2.03	18
4	SPL	Resident<UNOFFICIAL>	6983 Bilberry Drive Ottawa ON K1C 2C2	SW/91.0	0.02	18
5	WWIS		lot 1 con 1 ON ***Well ID:*** 1500595	SE/116.5	1.99	19
6	SPL		5 m South of Hwy 174 and 100 m West of Champlain St. Ottawa OTTAWA ON	ENE/128.5	0.69	22
7	SPL	City of Ottawa	Corner of Champlain St and Jeanne D'Arc Blvd Ottawa ON	ENE/130.5	-1.04	23
8	BORE		ON	ESE/166.4	4.05	24
9	EHS		845 Champlain Street Orléans ON K1C 1K3	ENE/168.1	-0.04	25
10	SPL	Enbridge Gas Distribution Inc.	1083 Def Ormes Place, Orleans (Near Jeanne Darc Blvd and Champlain St) Ottawa ON	S/169.7	2.99	25

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
10	PINC	PIPELINE HIT 1.25"	1083 DES ORMES PL,,OTTAWA,ON,K1C 5L7,CA ON	S/169.7	2.99	26
10	PINC	PIPELINE HIT - 1 ¼"	1083 DES ORMES PL,,OTTAWA,ON,K1C 5L7,CA ON	S/169.7	2.99	26
11	WWIS		con 1 ON ***Well ID:*** 1512983	ESE/175.9	3.99	27
12	WWIS		con 1 ON ***Well ID:*** 1513080	E/190.8	3.75	29
13	WWIS		con 1 ON ***Well ID:*** 1513079	ESE/195.3	3.97	31
14	BORE		ON	ESE/195.5	3.97	34
15	GEN	Home Alone Property Management Ltd.	875 Champlain Street Ottawa ON K1C 1K3	ESE/212.8	4.13	35
16	HINC		881 CHAMPLAIN STREET GLOUCESTER ON K1C 1K3	ESE/243.8	4.99	35

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.

Site	Address	Distance (m)	Map Key
	ON	166.4	8
	ON	195.5	14

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Sep 30, 2024 has found that there are 1 EASR site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
AECON CONSTRUCTION ONTARIO EAST LIMITED	850 Champlain ST Ottawa ON K1C 1K3	30.8	1

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Sep 30, 2024 has found that there are 1 ECA site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
PSPIB-SHRT Inc.	850 Champlain St Ottawa ON L4W 0E4	30.8	1

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Aug 31, 2024 has found that there are 2 EHS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	850 Champlain Street Orléans ON K1C 1K3	68.0	3
	845 Champlain Street Orléans ON K1C 1K3	168.1	9

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 1 GEN site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
Home Alone Property Management Ltd.	875 Champlain Street Ottawa ON K1C 1K3	212.8	15

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 1 HINC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	881 CHAMPLAIN STREET GLOUCESTER ON K1C 1K3	243.8	16

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 2 PINC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
PIPELINE HIT - 1 ¼"	1083 DES ORMES PL,,OTTAWA,ON,K1C 5L7,CA ON	169.7	10
PIPELINE HIT 1.25"	1083 DES ORMES PL,,OTTAWA,ON,K1C 5L7,CA ON	169.7	10

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jun 2024 has found that there are 5 SPL site(s) within approximately 0.25 kilometers of the project property.

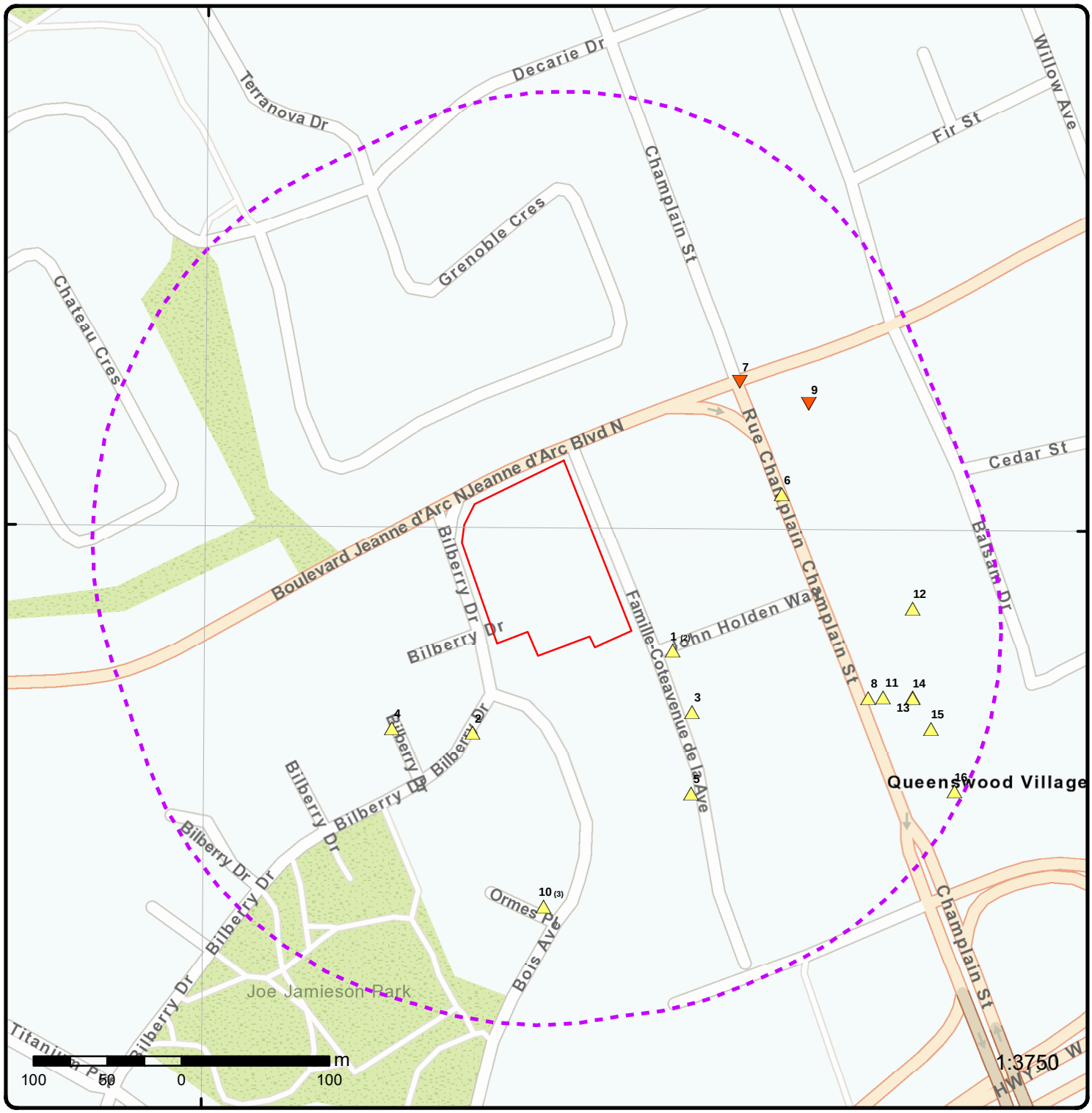
Site	Address	Distance (m)	Map Key
	7008 Bilberry Rd. Orleans OTTAWA ON	62.6	2
Resident<UNOFFICIAL>	6983 Bilberry Drive Ottawa ON K1C 2C2	91.0	4
	5 m South of Hwy 174 and 100 m West of Champlain St. Ottawa OTTAWA ON	128.5	6
City of Ottawa	Corner of Champlain St and Jeanne D'Arc Blvd Ottawa ON	130.5	7
Enbridge Gas Distribution Inc.	1083 Def Ormes Place, Orleans (Near Jeanne Darc Blvd and Champlain St) Ottawa ON	169.7	10

WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 4 WWIS site(s) within approximately 0.25 kilometers of the project property.

Site	Address	Distance (m)	Map Key
	lot 1 con 1 ON ***Well ID:*** 1500595	116.5	5
	con 1 ON ***Well ID:*** 1512983	175.9	11
	con 1 ON ***Well ID:*** 1513080	190.8	12
	con 1 ON	195.3	13

Site	Address	Distance (m)	Map Key
	Well ID: 1513079		



Map: 0.25 Kilometer Radius

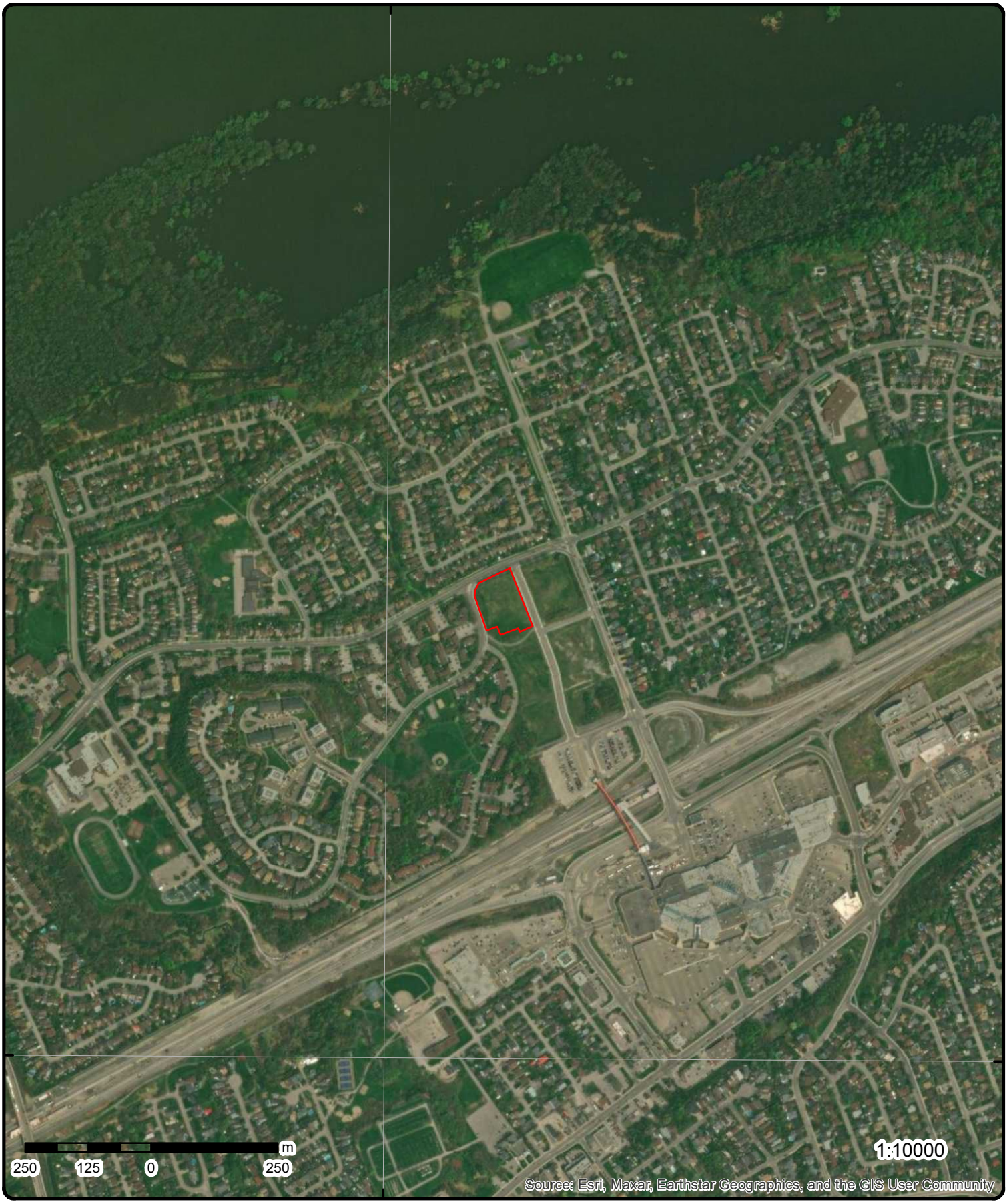
Order Number: 24111800277

Address: 500 Famille-Côté Avenue, Orléans, ON

ERIS

- 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°31'30"W



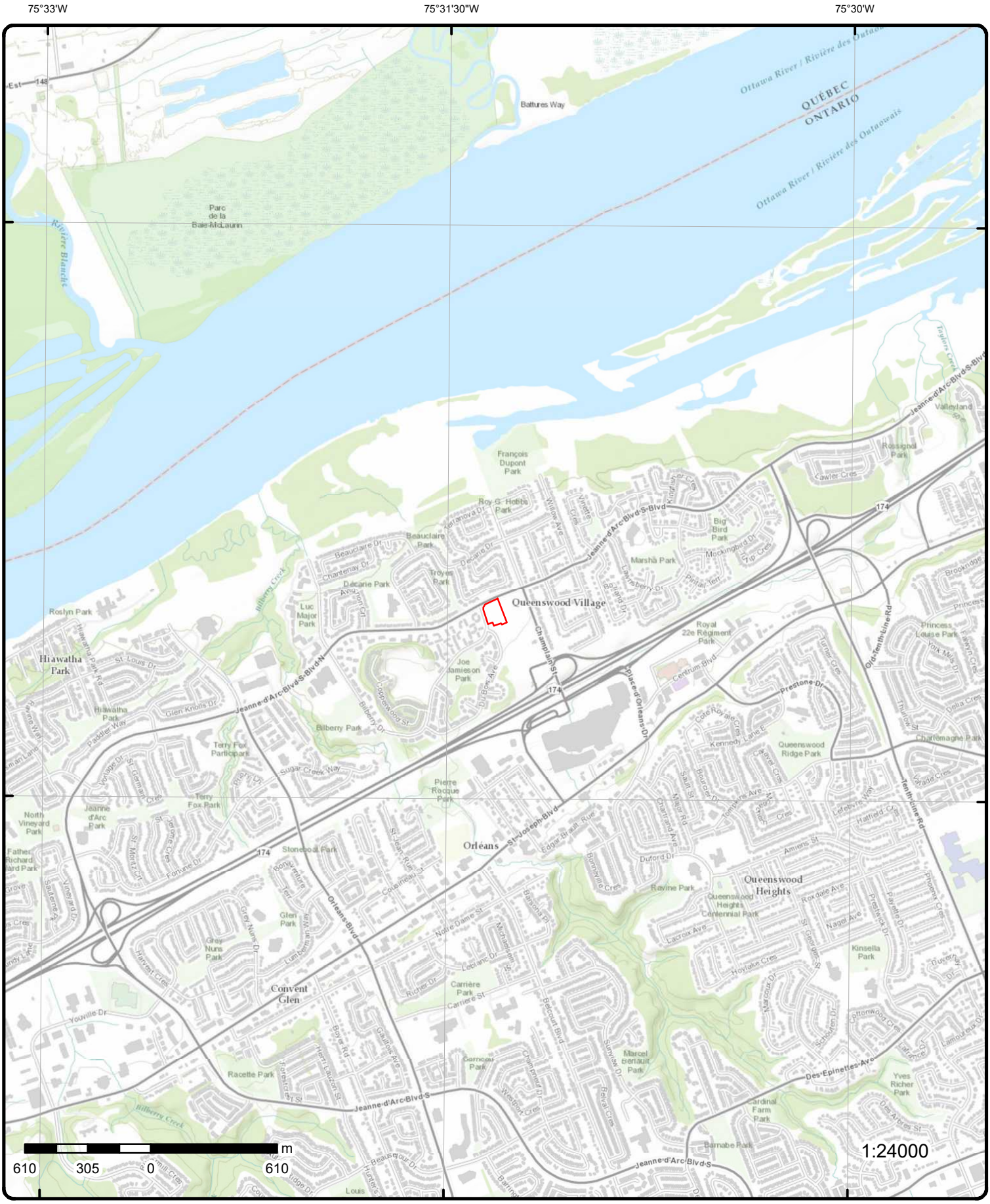
Aerial

Year: 2023

Order Number: 24111800277

Address: 500 Famille-Côté Avenue, Orléans, ON

Source: ESRI World Imagery



Topographic Map

Address: 500 Famille-Côté Avenue, ON

Source: ESRI World Topographic Map

Order Number: 24111800277

ERIS

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 2	ESE/30.8	56.9 / 0.99	PSPIB-SHRT Inc. 850 Champlain St Ottawa ON L4W 0E4	ECA

Approval No: 8517-AZGJ6U
Approval Date: 2018-06-13
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: PSPIB-SHRT Inc.
Address: 850 Champlain St
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7378-AYSQW2-14.pdf
PDF Site Location:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	2 of 2	ESE/30.8	56.9 / 0.99	AECON CONSTRUCTION ONTARIO EAST LIMITED 850 Champlain ST Ottawa ON K1C 1K3	EASR

Approval No: R-009-7111392847
Status: REGISTERED
Date: 2019-06-18
Record Type: EASR
Link Source: MOFA
Project Type: Water Taking - Construction Dewatering
Full Address:
MOE District: Ottawa
Municipality: Ottawa
Latitude: 45.48166667
Longitude: -75.51888889
Geometry X:
Geometry Y:
Approval Type: EASR-Water Taking - Construction Dewatering
SWP Area Name: Rideau Valley
PDF NAICS Code:
PDF URL:
PDF Site Location:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	1 of 1	SSW/62.6	56.9 / 1.02	7008 Bilberry Rd. Orleans OTTAWA ON	SPL

Ref No: 1-3WNUNV
Year:
Incident Dt: 10/5/2023 12:30:51 AM
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/5/2023 9:54:51 AM
Dt Document Closed:
Site No:
MOE Response: Desktop Response
Site County/District:
Site Geo Ref Meth:
Site District Office: Ottawa District Office
Nearest Watercourse:
Site Name:
Site Address: 7008 Bilberry Rd. Orleans
Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Impact to Health:
Agency Involved:

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

Site Region:	
Site Municipality:	OTTAWA
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Incident Cause:	
Incident Preceding Spill:	
Environment Impact:	
Health Env Consequence:	
Nature of Impact:	
Contaminant Qty:	0 other - see notes
Contaminant Qty 1:	
Contaminant Unit:	
Client Type:	
Source Type:	Pipeline/Components
Contaminant Code:	
Contaminant Name:	NATURAL GAS
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Air
Incident Reason:	Equipment failure/malfunction
Incident Summary:	FSB: Ottawa/Enbridge/pipe fitting failure/5 evacs/media/safe
Activity Preceding Spill:	
Property 2nd Watershed:	Lower Ottawa
Property Tertiary Watershed:	02LB-Lower Ottawa - South Nation
Sector Type:	NATURAL GAS DISTRIBUTION
SAC Action Class:	
Call Report Locatn Geodata:	{"integration_ids":["PR00004829464"],"wkts":["POINT (-75.5223559000 45.4821262000)"],"creation_date":"2023-10-05"}
Time Reported:	
System Facility Address:	
Client Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
3	1 of 1	SE/68.0	57.9 / 2.03	850 Champlain Street Orléans ON K1C 1K3	EHS

Order No:	20200319231	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	24-MAR-20	**Search Radius (km):**	.25
Date Received:	19-MAR-20	**X:**	-75.5207656
Previous Site Name:		**Y:**	45.4822219
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	1 of 1	SW/91.0	55.9 / 0.02	Resident<UNOFFICIAL> 6983 Bilberry Drive Ottawa ON K1C 2C2	SPL

Ref No:	3013-9V7UCN	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	4/2/2015	**Discharger Report:**	
Dt MOE Arvl on Scn:	4/7/2015	**Material Group:**	
MOE Reported Dt:	4/2/2015	**Impact to Health:**	
Dt Document Closed:	4/14/2015	**Agency Involved:**	
Site No:	NA		
MOE Response:	Y		
Site County/District:			

Site Geo Ref Meth:	
Site District Office:	
Nearest Watercourse:	
Site Name:	cb in front of 6983 Bilberry Dr<UNOFFICIAL>
Site Address:	6983 Bilberry Drive
Site Region:	
Site Municipality:	Ottawa
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Incident Cause:	Collision/Accident
Incident Preceding Spill:	
Environment Impact:	
Health Env Consequence:	
Nature of Impact:	Surface Water
Contaminant Qty:	0 other - see incident description
Contaminant Qty 1:	0
Contaminant Unit:	other - see incident description
Client Type:	
Source Type:	
Contaminant Code:	12
Contaminant Name:	GASOLINE
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	
Incident Reason:	Other
Incident Summary:	mva, gasoline to catch basin, works responding
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	
SAC Action Class:	Watercourse Spills
Call Report Locatn Geodata:	
Time Reported:	
System Facility Address:	
Client Name:	Resident<UNOFFICIAL>

5 | **1 of 1** | **SE/116.5** | **57.9 / 1.99** | **lot 1 con 1 ON** | **WWIS**

Well ID:	1500595	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Public	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	07/12/1956
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1107
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	001
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	OF
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500595.pdf

Additional Detail(s) (Map)

Well Completed Date: 06/07/1956
Year Completed: 1956
Depth (m): 59.436
Latitude: 45.481724173217
Longitude: -75.5207694115567
X: -75.52076924950983
Y: 45.48172416579746
Path: 150\1500595.pdf

Bore Hole Information

Bore Hole ID:	10022638	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	459300.80
Code OB Desc:		***North83:***	5036598.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	06/07/1956	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5

Location Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 930989681
Layer: 1
Color:
General Color:
Material 1: 05
Material 1 Desc: CLAY
Material 2: 02
Material 2 Desc: TOPSOIL
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930989682
Layer: 2
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:

Material 3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 169.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930989683
Layer: 3
Color:
General Color:
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 169.0
Formation End Depth: 195.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961500595
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10571208
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930038196
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 169.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930038197
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 195.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991500595
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	26.0
Recommended Pump Depth:	
Pumping Rate:	8.0
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:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933453129
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	195.0
Water Found Depth UOM:	ft

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6 ***1 of 1*** ***ENE/128.5*** ***56.6 / 0.69*** ***5 m South of Hwy 174 and 100 m West of Champlain St. Ottawa OTTAWA ON*** ***SPL***

Ref No:	1-C4E62	***Municipality No:***	
Year:		***Nature of Damage:***	
Incident Dt:	4/7/2021 1:00:00 PM	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	4/7/2021 1:49:22 PM	***Impact to Health:***	0 No Impact
Dt Document Closed:	8/6/2021 1:03:33 PM	***Agency Involved:***	
Site No:			

MOE Response:	Desktop Response
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	Ottawa District Office
Nearest Watercourse:	
Site Name:	
Site Address:	5 m South of Hwy 174 and 100 m West of Champlain St. Ottawa
Site Region:	
Site Municipality:	OTTAWA
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Incident Cause:	
Incident Preceding Spill:	Leak/Break
Environment Impact:	1 Minor Impact
Health Env Consequence:	
Nature of Impact:	
Contaminant Qty:	8 litre (L)
Contaminant Qty 1:	
Contaminant Unit:	
Client Type:	

Source Type:	Motor Vehicle
Contaminant Code:	
Contaminant Name:	HYDRAULIC OIL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	
Receiving Medium:	Land
Incident Reason:	Equipment failure/malfunction
Incident Summary:	KEV - ~ 8 L hydraulic oil spill from excavator - Hwy 174 & Champlain St.
Activity Preceding Spill:	Construction or repair
Property 2nd Watershed:	Lower Ottawa
Property Tertiary Watershed:	02LB-Lower Ottawa - South Nation
Sector Type:	OTHER HEAVY AND CIVIL ENGINEERING CONSTRUCTION
SAC Action Class:	
Call Report Locatn Geodata:	{"integration_ids":["PR00004869536","PR00004878376"],"wkts":["POINT (-75.5200002000 45.4835463000)","POINT (-75.5189542953 45.4791743661)","LINESTRING (-75.5190186683 45.4791818888, -75.5188470070 45.4790540024, -75.5184929554 45.4791969343, -75.5188148205 45.4793624338, -75.5190830414 45.4792119797, -75.5189972107 45.4791818888, -75.5190401260 45.4791743661, -75.5190401260 45.4791743661, -75.5190401260 45.4791743661)"],"creation_date":"2021-04-07"}
Time Reported:	
System Facility Address:	
Client Name:	

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7 | **1 of 1** | **ENE/130.5** | **54.8 / -1.04** | **City of Ottawa**
Corner of Champlain St and Jeanne D'Arc Blvd
Ottawa ON | **SPL**

Ref No:	8273-9MYNDT	**Municipality No:**	
Year:		**Nature of Damage:**	
Incident Dt:	2014/08/14	**Discharger Report:**	
Dt MOE Arvl on Scn:		**Material Group:**	
MOE Reported Dt:	2014/08/14	**Impact to Health:**	
Dt Document Closed:		**Agency Involved:**	

Site No:	NA
MOE Response:	No Field Response
Site County/District:	
Site Geo Ref Meth:	
Site District Office:	
Nearest Watercourse:	
Site Name:	CB<UNOFFICIAL>
Site Address:	Corner of Champlain St and Jeanne D'Arc Blvd
Site Region:	
Site Municipality:	Ottawa
Site Lot:	
Site Conc:	
Site Geo Ref Accu:	
Site Map Datum:	
Northing:	
Easting:	
Incident Cause:	Unknown / N/A
Incident Preceding Spill:	
Environment Impact:	Not Anticipated
Health Env Consequence:	
Nature of Impact:	Soil Contamination
Contaminant Qty:	0
Contaminant Qty 1:	0
Contaminant Unit:	
Client Type:	
Source Type:	
Contaminant Code:	15
Contaminant Name:	MOTOR OIL
Contaminant Limit 1:	
Contam Limit Freq 1:	
Contaminant UN No 1:	

Receiving Medium:
Incident Reason: Unknown / N/A
Incident Summary: City of Ottawa: vehicle collison, fluids to CB
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Unknown / N/A
SAC Action Class: Land Spills
Call Report Locatn Geodata:
Time Reported:
System Facility Address:
Client Name: City of Ottawa

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8 ***1 of 1*** ***ESE/166.4*** ***59.9 / 4.05*** ***ON*** ***BORE***

Borehole ID:	615460	***Inclin FLG:***	No
OGF ID:	215516391	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	AUG-1962	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.48231
Total Depth m:	-999	***Longitude DD:***	-75.51924
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	459421
Drill Method:		***Northing:***	5036662
Orig Ground Elev m:	62.5	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	62.4		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218401562	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:		***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. GRAVEL. 00178GREY. SANDSTONE. WHITE. 0017200000005BEDROCK. SEISMIC VE **Note: Many records provided by the department have a truncated [Stratum Description] field.

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:	M	***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 079680 NTS_Sheet: 31G05H
Confiden 1: Reliable information but incomplete.

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

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		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	1 of 1	ENE/168.1	55.8 / -0.04	845 Champlain Street Orléans ON K1C 1K3	EHS

Order No:	23052500551	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Standard Report	***Client Prov/State:***	ON
Report Date:	30-MAY-23	***Search Radius (km):***	.25
Date Received:	25-MAY-23	***X:***	-75.5197709
Previous Site Name:		***Y:***	45.4840977
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	1 of 3	S/169.7	58.9 / 2.99	Enbridge Gas Distribution Inc. 1083 Def Ormes Place, Orleans (Near Jeanne Darc Blvd and Champlain St) Ottawa ON	SPL

Ref No:	1743-9W4FM5	***Municipality No:***	
Year:		***Nature of Damage:***	
Incident Dt:	4/26/2015	***Discharger Report:***	
Dt MOE Arvl on Scn:		***Material Group:***	
MOE Reported Dt:	5/1/2015	***Impact to Health:***	
Dt Document Closed:		***Agency Involved:***	
Site No:	NA		
MOE Response:	N		
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:	Residential<UNOFFICIAL>		
Site Address:	1083 Def Ormes Place, Orleans (Near Jeanne Darc Blvd and Champlain St)		
Site Region:			
Site Municipality:	Ottawa		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	Leak/Break		
Incident Preceding Spill:			
Environment Impact:			
Health Env Consequence:			
Nature of Impact:	Air		
Contaminant Qty:	0 other - see incident description		
Contaminant Qty 1:	0		
Contaminant Unit:	other - see incident description		
Client Type:			
Source Type:			
Contaminant Code:	35		
Contaminant Name:	NATURAL GAS (METHANE)		
Contaminant Limit 1:			
Contam Limit Freq 1:			

Contaminant UN No 1:
Receiving Medium:
Incident Reason: Operator/Human Error
Incident Summary: TSSA: Enbridge, 1.25 inch damage, safe
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class: Pollution Incident Reports (PIRs) and "Other" calls
Call Report Locatn Geodata:
Time Reported:
System Facility Address:
Client Name: Enbridge Gas Distribution Inc.

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10 ***2 of 3*** ***S/169.7*** ***58.9 / 2.99*** ***PIPELINE HIT 1.25"*** ***PINC***
1083 DES ORMES PL,,OTTAWA,ON,K1C 5L7,CA
ON

Incident Id:
Incident No: 1631610
Incident Reported Dt: 5/1/2015
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: PIPELINE HIT 1.25"
Incident Address: 1083 DES ORMES PL,,OTTAWA,ON,K1C 5L7,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:

---

10 ***3 of 3*** ***S/169.7*** ***58.9 / 2.99*** ***PIPELINE HIT - 1 ¼"*** ***PINC***
1083 DES ORMES PL,,OTTAWA,ON,K1C 5L7,CA
ON

Incident Id:
Incident No: 1632036
Incident Reported Dt: 5/1/2015
Type: FS-Pipeline Incident
Status Code:
Tank Status: Cancelled
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Depth:
Customer Acct Name: PIPELINE HIT - 1 ¼"
Incident Address: 1083 DES ORMES PL,,OTTAWA,ON,K1C 5L7,CA

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

Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

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11 | **1 of 1** | **ESE/175.9** | **59.9 / 3.99** | **con 1 ON** | **WWIS**

Well ID:	1512983	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	09/05/1962
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1632
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	COM W
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	

Municipality: CUMBERLAND TOWNSHIP
Site Info:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1512983.pdf

Additional Detail(s) (Map)

Well Completed Date: 08/10/1962
Year Completed: 1962
Depth (m): 41.148
Latitude: 45.4823167961381
Longitude: -75.5191114294113
X: -75.51911126632132
Y: 45.48231678879624
Path: 151\1512983.pdf

Bore Hole Information

Bore Hole ID:	10034971	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	459430.80
Code OB Desc:		**North83:**	5036663.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	08/10/1962	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5

Location Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID:	931022116
Layer:	1
Color:	3
General Color:	BLUE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	135.0
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961512983
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10583541
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930061945
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	135.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991512983
Pump Set At:	
Static Level:	18.0
Final Level After Pumping:	40.0
Recommended Pump Depth:	
Pumping Rate:	3.0
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:	2
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933468480
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	135.0
Water Found Depth UOM:	ft

---

12 | ***1 of 1*** | ***E/190.8*** | ***59.6 / 3.75*** | ***con 1 ON*** | ***WWIS***

Well ID:	1513080	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	09/18/1967
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	1504
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	COM W
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513080.pdf

Additional Detail(s) (Map)

Well Completed Date:	06/05/1967
Year Completed:	1967
Depth (m):	24.384
Latitude:	45.4828580064418
Longitude:	-75.5188604832711
X:	-75.51886032018763
Y:	45.482857999003855
Path:	151\1513080.pdf

Bore Hole Information

Bore Hole ID:	10035068	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	459450.80
Code OB Desc:		**North83:**	5036723.00
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	06/05/1967	**UTMRC Desc:**	margin of error : 30 m - 100 m

Remarks: ***Location Method:*** p4
Location Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931022378
Layer: 2
Color:
General Color:
Material 1: 11
Material 1 Desc: GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 70.0
Formation End Depth: 80.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931022377
Layer: 1
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961513080
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10583638
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930062129
Layer: 1

Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	80.0
Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991513080
Pump Set At:	
Static Level:	12.0
Final Level After Pumping:	25.0
Recommended Pump Depth:	25.0
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:	933468577
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80.0
Water Found Depth UOM:	ft

13 | ***1 of 1*** | ***ESE/195.3*** | ***59.9 / 3.97*** | ***con 1 ON*** | ***WWIS***

Well ID:	1513079	**Flowing (Y/N):**	
Construction Date:		**Flow Rate:**	
Use 1st:	Domestic	**Data Entry Status:**	
Use 2nd:	0	**Data Src:**	1
Final Well Status:	Water Supply	**Date Received:**	02/01/1960
Water Type:		**Selected Flag:**	TRUE
Casing Material:		**Abandonment Rec:**	
Audit No:		**Contractor:**	2311
Tag:		**Form Version:**	1
Constructn Method:		**Owner:**	
Elevation (m):		**County:**	OTTAWA-CARLETON
Elevatn Reliabilty:		**Lot:**	
Depth to Bedrock:		**Concession:**	01
Well Depth:		**Concession Name:**	COM W
Overburden/Bedrock:		**Easting NAD83:**	
Pump Rate:		**Northing NAD83:**	
Static Water Level:		**Zone:**	
Clear/Cloudy:		**UTM Reliability:**	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513079.pdf

Additional Detail(s) (Map)

Well Completed Date:	01/05/1960
Year Completed:	1960
Depth (m):	28.0416
Latitude:	45.4823179588282
Longitude:	-75.5188555259198
X:	-75.51885536333124
Y:	45.48231795209081
Path:	151\1513079.pdf

Bore Hole Information

Bore Hole ID:	10035067	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	459450.80
Code OB Desc:		***North83:***	5036663.00
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	01/05/1960	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931022376
Layer:	2
Color:	
General Color:	
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	72.0
Formation End Depth:	92.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931022375
Layer:	1
Color:	
General Color:	
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	72.0

Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961513079
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10583637
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930062127
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 75.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930062128
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 92.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991513079
Pump Set At:
Static Level: 12.0
Final Level After Pumping: 20.0
Recommended Pump Depth: 20.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 4.0
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

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

Water Details

Water ID:	933468576
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	81.0
Water Found Depth UOM:	ft

---

14 ***1 of 1*** ***ESE/195.5*** ***59.9 / 3.97*** ***ON*** ***BORE***

Borehole ID:	615462	***Inclin FLG:***	No
OGF ID:	215516393	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	JAN-1960	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.482311
Total Depth m:	28	***Longitude DD:***	-75.518856
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	459451
Drill Method:		***Northing:***	5036662
Orig Ground Elev m:	61.9	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	62.8		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218401565	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	21.9	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAY.		

Geology Stratum ID:	218401566	***Mat Consistency:***	Stiff
Top Depth:	21.9	***Material Moisture:***	
Bottom Depth:	28	***Material Texture:***	
Material Color:	Grey	***Non Geo Mat Type:***	
Material 1:	Limestone	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	LIMESTONE. 00081 TO STIFF,WEATHERED.CLAY. GREY,STIFF. 0000002506507000000003IC VELOCITY = **Note: Many records provided by the department have a truncated [Stratum Description] field.		

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

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

Confidence:
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 07970 NTS_Sheet:
Confiden 1:
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

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15 | **1 of 1** | **ESE/212.8** | **60.0 / 4.13** | **Home Alone Property Management Ltd.**
875 Champlain Street
Ottawa ON K1C 1K3 | **GEN**

Generator No: ON7087668
SIC Code: 531310
SIC Description:
Approval Years: 2011
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

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16 | **1 of 1** | **ESE/243.8** | **60.9 / 4.99** | **881 CHAMPLAIN STREET**
GLOUCESTER ON K1C 1K3 | **HINC**

External File Num: FS INC 0811-06987
Fuel Occurrence Type: Pipeline Strike
Date of Occurrence: 11/5/2008
Fuel Type Involved: Natural Gas
Status Desc: Completed - Causal Analysis(End)
Job Type Desc: Incident/Near-Miss Occurrence (FS)
Oper. Type Involved: Private Dwelling
Service Interruptions: No
Property Damage: Yes
Fuel Life Cycle Stage: Utilization
Root Cause: Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:No Management:No Human Factors:Yes
Reported Details:
Fuel Category: Gaseous Fuel
Occurrence Type: Incident
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name: Ottawa
Approx. Quant. Rel:
Nearby body of water:
Enter Drainage Syst.:
Approx. Quant. Unit:
Environmental Impact:

Unplottable Summary

Total: 32 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	City of Ottawa	Balsam Street	Ottawa ON	
CA	MINTO CONSTRUCTION LIMITED	JEANNE D'ARC BLVD. CHAPEL HILL	GLOUCESTER CITY ON	
CA	Regional Municipality of Ottawa-Carleton	JEANNE D'ARC BLVD.	CUMBERLAND TWP. ON	
CA	MINTO CONSTR.LTD.	JEANNE D'ARC BLVD.	GLOUCESTER CITY ON	
CA	MINTO CONSTR.LTD.	JEANNE D'ARC BLVD.	GLOUCESTER CITY ON	
CA	THE DOUGLAS MacDONALD DEVELOPMENT CORP.	JEANNE d'ARC BLVD.	GLOUCESTER CITY ON	
CA	MINTO CONSTRUCTION LIMITED	JEANNE D'ARC BLVD. CHAPEL HILL	GLOUCESTER CITY ON	
CA	GLOUCESTER CITY	CHAMPLAIN ST.	GLOUCESTER CITY ON	
CA	M.C.Y. CONSTRUCTION (1989) LTD.	JEANNE D'ARC BLVD. RET. POND	GLOUCESTER CITY ON	
CA	FIRST ORLEANS PLAZA CORPORATION	JEANNE D'ARC BLVD.	GLOUCESTER CITY ON	
CA	THE DOUGLAS MacDONALD DEVELOPMENT CORP.	JEANNE d'ARC BLVD.	GLOUCESTER CITY ON	
GEN	Kiewit Eurovia Vinci	Jeanne d'Arc Interchange	Ottawa ON	K1C2N6
GEN	Habitat for Humanity	Jeanne d'Arc Blvd North	ottawa ON	K1C 2R4
GEN	Kiewit Eurovia Vinci	Jeanne d'Arc Interchange	Ottawa ON	K1C2N6
WWIS		lot 2 con 1	ON	
WWIS		lot 1 con 1	ON	
WWIS		lot 2 con 1	ON	

WWIS	lot 2 con 1	ON
WWIS	lot 1 con 1	ON
WWIS	lot 1 con 1	ON
WWIS	lot 1 con 1	ON
WWIS	lot 2 con 1	ON
WWIS	lot 2 con 1	ON
WWIS	lot 1 con 1	ON
WWIS	lot 1 con 1	ON
WWIS	lot 1 con 1	ON
WWIS	lot 2 con 1	ON
WWIS	lot 1 con 1	ON
WWIS	lot 1 con 1	ON
WWIS	lot 1 con 1	ON
WWIS	lot 1 con 1	ON
WWIS	lot 2 con 1	ON

Unplottable Report

Site: ***City of Ottawa***
Balsam Street Ottawa ON

Database: ***CA***

Certificate #:	3889-6R6NVK
Application Year:	2006
Issue Date:	6/29/2006
Approval Type:	Municipal and Private Sewage Works
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***MINTO CONSTRUCTION LIMITED***
JEANNE D'ARC BLVD. CHAPEL HILL GLOUCESTER CITY ON

Database: ***CA***

Certificate #:	3-0095-87-
Application Year:	87
Issue Date:	2/16/1987
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***Regional Municipality of Ottawa-Carleton***
JEANNE D'ARC BLVD. CUMBERLAND TWP. ON

Database: ***CA***

Certificate #:	3-1384-92-
Application Year:	92
Issue Date:	10/14/1992
Approval Type:	Municipal sewage
Status:	Approved
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***MINTO CONSTR.LTD.***
JEANNE D'ARC BLVD. GLOUCESTER CITY ON

Database: ***CA***

Certificate #:	3-1330-85-006

Application Year: 85
Issue Date: 11/8/85
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***MINTO CONSTR.LTD.***
JEANNE D'ARC BLVD. GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 7-0994-85-006
Application Year: 85
Issue Date: 11/8/85
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***THE DOUGLAS MacDONALD DEVELOPMENT CORP.***
JEANNE d'ARC BLVD. GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 7-0560-86-
Application Year: 86
Issue Date: 6/5/1986
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***MINTO CONSTRUCTION LIMITED***
JEANNE D'ARC BLVD. CHAPEL HILL GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 7-0068-87-
Application Year: 87
Issue Date: 2/16/1987
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***GLOUCESTER CITY***
CHAMPLAIN ST. GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 7-1844-88-
Application Year: 88
Issue Date: 11/18/1988
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***M.C.Y. CONSTRUCTION (1989) LTD.***
JEANNE D'ARC BLVD. RET. POND GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 3-0939-93-
Application Year: 93
Issue Date: 9/3/1993
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***FIRST ORLEANS PLAZA CORPORATION***
JEANNE D'ARC BLVD. GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 3-0703-87-
Application Year: 87
Issue Date: 5/25/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***THE DOUGLAS MacDONALD DEVELOPMENT CORP.***
JEANNE d'ARC BLVD. GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 3-0717-86-
Application Year: 86
Issue Date: 6/5/1986
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:

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

Site: ***Kiewit Eurovia Vinci***
Jeanne d'Arc Interchange Ottawa ON K1C2N6

Database: ***GEN***

Generator No: ON8093607
SIC Code:
SIC Description:
Approval Years: As of Oct 2022
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 146 L
Waste Class Name: OTHER SPECIFIED INORGANICS

Site: ***Habitat for Humanity***
Jeanne d'Arc Blvd North ottawa ON K1C 2R4

Database: ***GEN***

Generator No: ON6838717
SIC Code: 624220
SIC Description: 624220
Approval Years: 2016
PO Box No:
Country: Canada
Status:
Co Admin: james r smith
Choice of Contact: CO_ADMIN
Phone No Admin: 6137452444 Ext.241
Contaminated Facility: No
MHSW Facility: No

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Site: ***Kiewit Eurovia Vinci***
Jeanne d'Arc Interchange Ottawa ON K1C2N6

Database: ***GEN***

Generator No: ON8093607
SIC Code:
SIC Description:
Approval Years: As of Nov 2021
PO Box No:
Country: Canada
Status: Registered
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 146 L
Waste Class Name: Other specified inorganic sludges, slurries or solids

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Site:
lot 2 con 1 ON

Database: ***WWIS***

Well ID: 1525165
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 89898
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/27/1990
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 002
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046906
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/07/1990
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
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: 931060306
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 79
Material 2 Desc: PACKED
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	931060307
Layer:	2
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	79
Material 2 Desc:	PACKED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	8.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931060309
Layer:	4
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	78
Material 2 Desc:	MEDIUM-GRAINED
Material 3:	73
Material 3 Desc:	HARD
Formation Top Depth:	60.0
Formation End Depth:	197.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931060308
Layer:	3
Color:	3
General Color:	BLUE
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	30.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933111105
Layer:	1
Plug From:	0.0
Plug To:	62.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961525165
Method Construction Code:	5

Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10595476
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082141
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 72.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930082142
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 197.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991525165
Pump Set At:
Static Level: 30.0
Final Level After Pumping: 100.0
Recommended Pump Depth: 175.0
Pumping Rate: 4.0
Flowing Rate:
Recommended Pump Rate: 4.0
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: 934111163
Test Type: Draw Down
Test Duration: 15
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386569
Test Type: Draw Down
Test Duration: 30
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934656345
Test Type: Draw Down
Test Duration: 45
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904714
Test Type: Draw Down
Test Duration: 60
Test Level: 100.0
Test Level UOM: ft

Water Details

Water ID: 933484061
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 189.0
Water Found Depth UOM: ft

Site:
lot 1 con 1 ON

Database: ***WWIS***

Well ID:	1523276	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	03/07/1989
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	17793	***Contractor:***	1504
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	001
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	OF
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10045051	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	01/24/1989	***UTMRC Desc:***	unknown UTM

Remarks: ***Location Method:*** na
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931054032
Layer: 3
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 100.0
Formation End Depth: 102.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931054031
Layer: 2
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 16.0
Formation End Depth: 100.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931054030
Layer: 1
Color: 5
General Color: YELLOW
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 16.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931054033
Layer: 4

Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 102.0
Formation End Depth: 110.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523276
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10593621
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930078814
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 104.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930078815
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 110.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991523276
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 50.0
Pumping Rate: 100.0
Flowing Rate:
Recommended Pump Rate: 30.0
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: 934649614
Test Type: Recovery
Test Duration: 45
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906815
Test Type: Recovery
Test Duration: 60
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934104399
Test Type: Recovery
Test Duration: 15
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934388631
Test Type: Recovery
Test Duration: 30
Test Level: 20.0
Test Level UOM: ft

Water Details

Water ID: 933481460
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 110.0
Water Found Depth UOM: ft

Site:
lot 2 con 1 ON

Database:
WWIS

Well ID: 1519855
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 09/13/1985
Selected Flag: TRUE
Abandonment Rec:
Contractor: 2351
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 002
Concession: 01
Concession Name: OF

Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10041708
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 07/18/1985
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
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: 931042961
Layer: 2
Color: 3
General Color: BLUE
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 11.0
Formation End Depth: 180.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931042960
Layer: 1
Color: 6
General Color: BROWN
Material 1: 14
Material 1 Desc: HARDPAN
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 11.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931042962
Layer: 3

Color: 8
General Color: BLACK
Material 1: 17
Material 1 Desc: SHALE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 180.0
Formation End Depth: 210.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961519855
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10590278
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930072817
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 44.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991519855
Pump Set At:
Static Level: 170.0
Final Level After Pumping: 180.0
Recommended Pump Depth: 204.0
Pumping Rate: 17.0
Flowing Rate:
Recommended Pump Rate: 0.0
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: 934655004
Test Type: Draw Down
Test Duration: 45
Test Level: 180.0

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934109732
Test Type: Draw Down
Test Duration: 15
Test Level: 180.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934895204
Test Type: Draw Down
Test Duration: 60
Test Level: 180.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934384464
Test Type: Draw Down
Test Duration: 30
Test Level: 180.0
Test Level UOM: ft

Water Details

Water ID: 933476944
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 203.0
Water Found Depth UOM: ft

Site:
lot 2 con 1 ON

Database: ***WWIS***

Well ID: 1525166
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 89899
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 12/27/1990
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 002
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10046907
DP2BR:
Spatial Status:

Elevation:
Elevrc:
Zone: 18

Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/07/1990
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931060310
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 79
Material 2 Desc: PACKED
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931060312
Layer: 3
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 30.0
Formation End Depth: 84.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931060313
Layer: 4
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 84.0
Formation End Depth: 95.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	931060311
Layer:	2
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	
Formation Top Depth:	8.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933111106
Layer:	1
Plug From:	0.0
Plug To:	93.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961525166
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10595477
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930082143
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	93.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930082144
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	95.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991525166
Pump Set At:	
Static Level:	30.0
Final Level After Pumping:	40.0
Recommended Pump Depth:	50.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934656346
Test Type:	Draw Down
Test Duration:	45
Test Level:	40.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934904715
Test Type:	Draw Down
Test Duration:	60
Test Level:	40.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934111164
Test Type:	Draw Down
Test Duration:	15
Test Level:	40.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934386991
Test Type:	Draw Down
Test Duration:	30
Test Level:	40.0
Test Level UOM:	ft

Water Details

Water ID:	933484062
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	95.0
Water Found Depth UOM:	ft

Site:
lot 1 con 1 ON

Database:
WWIS

Well ID: 1519987
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/22/1985
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4550
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 001
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10041837
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 11/23/1984
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
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: 931043371
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 40.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931043372
Layer: 3
Color: 2
General Color: GREY
Material 1: 11

Material 1 Desc: GRAVEL
Material 2: 79
Material 2 Desc: PACKED
Material 3:
Material 3 Desc:
Formation Top Depth: 40.0
Formation End Depth: 68.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931043373
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 68.0
Formation End Depth: 73.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931043370
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 77
Material 2 Desc: LOOSE
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933108956
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961519987
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10590407
Casing No: 1
Comment:

Alt Name:

Construction Record - Casing

Casing ID:	930073041
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	68.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930073042
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	73.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991519987
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	50.0
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:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934110269
Test Type:	Draw Down
Test Duration:	15
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934904372
Test Type:	Draw Down
Test Duration:	60
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID: 934654424
Test Type: Draw Down
Test Duration: 45
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934376234
Test Type: Draw Down
Test Duration: 30
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933477109
Layer: 1
Kind Code: 3
Kind: SULPHUR
Water Found Depth: 70.0
Water Found Depth UOM: ft

Site:
lot 1 con 1 ON

Database: ***WWIS***

Well ID: 1519999
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/22/1985
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4550
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 001
Concession: 01
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10041849
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/03/1985
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
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:	931043411
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	79
Material 2 Desc:	PACKED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931043414
Layer:	4
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	73
Material 2 Desc:	HARD
Material 3:	
Material 3 Desc:	
Formation Top Depth:	100.0
Formation End Depth:	110.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931043413
Layer:	3
Color:	2
General Color:	GREY
Material 1:	11
Material 1 Desc:	GRAVEL
Material 2:	28
Material 2 Desc:	SAND
Material 3:	77
Material 3 Desc:	LOOSE
Formation Top Depth:	95.0
Formation End Depth:	100.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931043412
Layer:	2
Color:	2
General Color:	GREY
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	28
Material 2 Desc:	SAND
Material 3:	85
Material 3 Desc:	SOFT
Formation Top Depth:	10.0

Formation End Depth: 95.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933108964
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961519999
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10590419
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930073065
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 100.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930073066
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 110.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991519999
Pump Set At:
Static Level: 40.0
Final Level After Pumping: 80.0
Recommended Pump Depth: 95.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM

Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934110281
Test Type: Draw Down
Test Duration: 15
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934376246
Test Type: Draw Down
Test Duration: 30
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934654436
Test Type: Draw Down
Test Duration: 45
Test Level: 80.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904384
Test Type: Draw Down
Test Duration: 60
Test Level: 80.0
Test Level UOM: ft

Water Details

Water ID: 933477121
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 105.0
Water Found Depth UOM: ft

Site:
lot 1 con 1 ON

Database:
WWIS

Well ID: 1516082
Construction Date:
Use 1st:
Use 2nd:
Final Well Status:
Water Type:
Casing Material:
Audit No: NA
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:

Flowing (Y/N):
Flow Rate:
Data Entry Status: Yes
Data Src:
Date Received: 08/15/1977
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1365
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 001
Concession: 01

Well Depth: ***Concession Name:*** CON
Overburden/Bedrock: ***Easting NAD83:***
Pump Rate: ***Northing NAD83:***
Static Water Level: ***Zone:***
Clear/Cloudy: ***UTM Reliability:***
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Bore Hole Information

Bore Hole ID: 1009060196 ***Elevation:***
DP2BR: ***Elevrc:***
Spatial Status: ***Zone:***
Code OB: ***East83:***
Code OB Desc: ***North83:***
Open Hole: ***Org CS:*** UTM83
Cluster Kind: ***UTMRC:*** 9
Date Completed: 07/15/1977 ***UTMRC Desc:*** unknown UTM
Remarks: ***Location Method:*** wwr
Location Method Desc: on Water Well Record
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Site: ***Database:*** ***WWIS***
lot 2 con 1 ON

Well ID: 1532876 ***Flowing (Y/N):***
Construction Date: ***Flow Rate:***
Use 1st: Domestic ***Data Entry Status:***
Use 2nd: ***Data Src:*** 1
Final Well Status: Water Supply ***Date Received:*** 06/21/2002
Water Type: ***Selected Flag:*** TRUE
Casing Material: ***Abandonment Rec:***
Audit No: 237148 ***Contractor:*** 1517
Tag: ***Form Version:*** 1
Constructn Method: ***Owner:***
Elevation (m): ***County:*** OTTAWA-CARLETON
Elevatn Reliabilty: ***Lot:*** 002
Depth to Bedrock: ***Concession:*** 01
Well Depth: ***Concession Name:*** OF
Overburden/Bedrock: ***Easting NAD83:***
Pump Rate: ***Northing NAD83:***
Static Water Level: ***Zone:***
Clear/Cloudy: ***UTM Reliability:***
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Bore Hole Information

Bore Hole ID: 10524004 ***Elevation:***
DP2BR: ***Elevrc:***
Spatial Status: ***Zone:*** 18
Code OB: ***East83:***
Code OB Desc: ***North83:***
Open Hole: ***Org CS:***
Cluster Kind: ***UTMRC:*** 9
Date Completed: 06/05/2002 ***UTMRC Desc:*** unknown UTM
Remarks: ***Location Method:*** na
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 932858021
Layer: 3
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 28
Material 2 Desc: SAND
Material 3:
Material 3 Desc:
Formation Top Depth: 68.0
Formation End Depth: 95.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932858020
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 10.0
Formation End Depth: 68.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932858019
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 10.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932858022
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 26

Material 2 Desc: ROCK
Material 3:
Material 3 Desc:
Formation Top Depth: 95.0
Formation End Depth: 125.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933225511
Layer: 1
Plug From: 0.0
Plug To: 60.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961532876
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 11072574
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930095754
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

Pumping Test Method Desc: BAILER
Pump Test ID: 991532876
Pump Set At:
Static Level: 21.0
Final Level After Pumping: 70.0
Recommended Pump Depth: 60.0
Pumping Rate: 40.0
Flowing Rate:
Recommended Pump Rate: 12.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934919470
Test Type: Draw Down
Test Duration: 60
Test Level: 70.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934118452
Test Type: Draw Down
Test Duration: 15
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934662587
Test Type: Draw Down
Test Duration: 45
Test Level: 70.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934402065
Test Type: Draw Down
Test Duration: 30
Test Level: 60.0
Test Level UOM: ft

Water Details

Water ID: 934016598
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 120.0
Water Found Depth UOM: ft

Site:
lot 2 con 1 ON

Database: ***WWIS***

Well ID: 1532373
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 223441
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/02/2001
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6006
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 002
Concession: 01
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10516823	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	09/22/2001	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932832653
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	85
Material 2 Desc:	SOFT
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	6.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932832655
Layer:	3
Color:	6
General Color:	BROWN
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	80
Material 2 Desc:	POROUS
Material 3:	
Material 3 Desc:	
Formation Top Depth:	21.0
Formation End Depth:	24.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	932832654
Layer:	2
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	73
Material 2 Desc:	HARD
Material 3:	
Material 3 Desc:	

Formation Top Depth: 6.0
Formation End Depth: 21.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 932832656
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 24.0
Formation End Depth: 98.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933219817
Layer: 1
Plug From: 0.0
Plug To: 22.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961532373
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 11065393
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930094698
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930094700
Layer: 3
Material: 3
Open Hole or Material: CONCRETE
Depth From:

Depth To:
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930094699
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991532373
Pump Set At:
Static Level: 22.0
Final Level After Pumping: 96.0
Recommended Pump Depth: 95.0
Pumping Rate: 8.0
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: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934116772
Test Type: Recovery
Test Duration: 15
Test Level: 22.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934918349
Test Type: Recovery
Test Duration: 60
Test Level: 22.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934399968
Test Type: Recovery
Test Duration: 30
Test Level: 22.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934660908

Test Type: Recovery
Test Duration: 45
Test Level: 22.0
Test Level UOM: ft

Water Details

Water ID: 934008558
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 24.0
Water Found Depth UOM: ft

Water Details

Water ID: 934008559
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 90.0
Water Found Depth UOM: ft

Site:
lot 1 con 1 ON

Database: ***WWIS***

Well ID: 1531881
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 227683
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 05/18/2001
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1414
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 001
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10053415
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/05/2001
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
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:	931079802
Layer:	2
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	74
Material 2 Desc:	LAYERED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	19.0
Formation End Depth:	345.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931079801
Layer:	1
Color:	7
General Color:	RED
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	66
Material 2 Desc:	DENSE
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	19.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933117016
Layer:	1
Plug From:	0.0
Plug To:	33.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961531881
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10601985
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930093612
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: 930093611
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

Construction Record - Casing

Casing ID: 930093610
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

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991531881
Pump Set At:
Static Level: 100.0
Final Level After Pumping: 150.0
Recommended Pump Depth: 250.0
Pumping Rate: 15.0
Flowing Rate:
Recommended Pump Rate: 10.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934398827
Test Type: Recovery
Test Duration: 30
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934915541
Test Type: Recovery
Test Duration: 60
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934659208
Test Type: Recovery
Test Duration: 45
Test Level: 100.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934114655
Test Type: Recovery
Test Duration: 15
Test Level: 100.0
Test Level UOM: ft

Water Details

Water ID: 933492490
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 320.0
Water Found Depth UOM: ft

Site:
lot 1 con 1 ON

Database:
WWIS

Well ID: 1531484
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 221350
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/12/2000
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6006
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 001
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10053018
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/31/2000
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
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:

Overburden and Bedrock Materials Interval

Formation ID: 931078632
Layer: 3
Color: 8
General Color: BLACK
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 25.0
Formation End Depth: 64.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931078630
Layer: 1
Color: 7
General Color: RED
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 5.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931078634
Layer: 5
Color: 6
General Color: BROWN
Material 1: 17
Material 1 Desc: SHALE
Material 2: 80
Material 2 Desc: POROUS
Material 3:
Material 3 Desc:
Formation Top Depth: 74.0
Formation End Depth: 75.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931078631
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 85

Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 5.0
Formation End Depth: 25.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931078633
Layer: 4
Color: 2
General Color: GREY
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 64.0
Formation End Depth: 74.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116656
Layer: 1
Plug From: 0.0
Plug To: 20.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961531484
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10601588
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930092789
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930092788
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

Pumping Test Method Desc: PUMP
Pump Test ID: 991531484
Pump Set At:
Static Level: 20.0
Final Level After Pumping: 35.0
Recommended Pump Depth: 60.0
Pumping Rate: 50.0
Flowing Rate:
Recommended Pump Rate: 10.0
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:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934657620
Test Type: Recovery
Test Duration: 45
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934397102
Test Type: Recovery
Test Duration: 30
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112930
Test Type: Recovery
Test Duration: 15
Test Level: 20.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934914511
Test Type: Recovery
Test Duration: 60
Test Level: 20.0
Test Level UOM: ft

Water Details

Water ID: 933491957
Layer: 1

Kind Code: 1
Kind: FRESH
Water Found Depth: 74.0
Water Found Depth UOM: ft

Site:
lot 1 con 1 ON

Database: ***WWIS***

Well ID: 1531481
Construction Date:
Use 1st:
Use 2nd:
Final Well Status: Replacement Well
Water Type:
Casing Material:
Audit No: 221353
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/12/2000
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6006
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 001
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10053015
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/12/2000
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
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

Method of Construction & Well Use

Method Construction ID: 961531481
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 10601585
Casing No: 1
Comment:
Alt Name:

Site:
lot 2 con 1 ON

Database: ***WWIS***

Well ID: 1531428
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 221724
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GLOUCESTER TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 10/12/2000
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1119
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 002
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10052962
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 08/18/2000
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
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: 931078475
Layer: 3
Color: 2
General Color: GREY
Material 1: 18
Material 1 Desc: SANDSTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 181.0
Formation End Depth: 220.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931078473
Layer: 1
Color:
General Color:
Material 1: 05

Material 1 Desc: CLAY
Material 2: 81
Material 2 Desc: SANDY
Material 3: 11
Material 3 Desc: GRAVEL
Formation Top Depth: 0.0
Formation End Depth: 67.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931078474
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 67.0
Formation End Depth: 181.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933116597
Layer: 1
Plug From: 2.0
Plug To: 72.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961531428
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10601532
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930092672
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

Construction Record - Casing

Casing ID: 930092673
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: 930092671
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

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991531428
Pump Set At:
Static Level: 40.0
Final Level After Pumping: 180.0
Recommended Pump Depth: 180.0
Pumping Rate: 7.0
Flowing Rate:
Recommended Pump Rate: 7.0
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: 934657570
Test Type: Recovery
Test Duration: 45
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934914461
Test Type: Recovery
Test Duration: 60
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934397052
Test Type: Recovery
Test Duration: 30
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934112880
Test Type:	Recovery
Test Duration:	15
Test Level:	40.0
Test Level UOM:	ft

Water Details

Water ID:	933491874
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	210.0
Water Found Depth UOM:	ft

Site:
lot 1 con 1 ON

Database:
WWIS

Well ID:	1530494	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Not Used	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Abandoned-Quality	***Date Received:***	05/14/1999
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	194832	***Contractor:***	1558
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	001
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10052029	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	04/19/1999	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931075681

Layer: 3
Color: 7
General Color: RED
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 13
Material 2 Desc: BOULDERS
Material 3: 79
Material 3 Desc: PACKED
Formation Top Depth: 30.0
Formation End Depth: 33.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931075682
Layer: 4
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 33.0
Formation End Depth: 300.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931075679
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 79
Material 2 Desc: PACKED
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 11.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931075680
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 86
Material 2 Desc: STICKY
Material 3:
Material 3 Desc:
Formation Top Depth: 11.0
Formation End Depth: 30.0
Formation End Depth UOM: ft

Method of Construction & Well

Use

Method Construction ID: 961530494
Method Construction Code: 0
Method Construction: Not Known
Other Method Construction:

Pipe Information

Pipe ID: 10600599
Casing No: 1
Comment:
Alt Name:

Site: ***Database:*** ***WWIS***

lot 1 con 1 ON

Well ID: 1530192
Construction Date:
Use 1st: Commerical
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 191962
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 09/25/1998
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1414
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 001
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10051727
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 09/16/1998
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
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: 931074781
Layer: 5
Color: 6
General Color: BROWN
Material 1: 15
Material 1 Desc: LIMESTONE

Material 2: 74
Material 2 Desc: LAYERED
Material 3:
Material 3 Desc:
Formation Top Depth: 232.0
Formation End Depth: 303.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931074779
Layer: 3
Color: 6
General Color: BROWN
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 74
Material 2 Desc: LAYERED
Material 3:
Material 3 Desc:
Formation Top Depth: 155.0
Formation End Depth: 205.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931074777
Layer: 1
Color:
General Color:
Material 1: 23
Material 1 Desc: PREVIOUSLY DUG
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 130.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931074778
Layer: 2
Color: 1
General Color: WHITE
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 74
Material 2 Desc: LAYERED
Material 3:
Material 3 Desc:
Formation Top Depth: 130.0
Formation End Depth: 155.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931074780
Layer: 4
Color: 1

General Color: WHITE
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 74
Material 2 Desc: LAYERED
Material 3:
Material 3 Desc:
Formation Top Depth: 205.0
Formation End Depth: 232.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961530192
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10600297
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930090148
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 303.0
Casing Diameter: 5.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991530192
Pump Set At:
Static Level: 40.0
Final Level After Pumping: 300.0
Recommended Pump Depth: 0.0
Pumping Rate: 20.0
Flowing Rate:
Recommended Pump Rate: 15.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code:
Water State After Test:
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934117807
Test Type: Recovery
Test Duration: 15
Test Level: 75.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934910488
Test Type: Recovery
Test Duration: 60
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934661946
Test Type: Recovery
Test Duration: 45
Test Level: 45.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934392791
Test Type: Recovery
Test Duration: 30
Test Level: 45.0
Test Level UOM: ft

Water Details

Water ID: 933490258
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 255.0
Water Found Depth UOM: ft

Site:
lot 1 con 1 ON

Database:
WWIS

Well ID: 1527878
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 134541
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 04/19/1994
Selected Flag: TRUE
Abandonment Rec:
Contractor: 6587
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 001
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10049440
DP2BR:
Spatial Status:
Code OB:

Elevation:
Elevrc:
Zone: 18
East83:

Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12/14/1993
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
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: 931067908
Layer: 3
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 28
Material 2 Desc: SAND
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 35.0
Formation End Depth: 65.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931067907
Layer: 2
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 17.0
Formation End Depth: 35.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931067909
Layer: 4
Color: 8
General Color: BLACK
Material 1: 11
Material 1 Desc: GRAVEL
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 65.0
Formation End Depth: 74.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID:	931067906
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	85
Material 2 Desc:	SOFT
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	17.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931067910
Layer:	5
Color:	8
General Color:	BLACK
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	85
Material 2 Desc:	SOFT
Material 3:	
Material 3 Desc:	
Formation Top Depth:	74.0
Formation End Depth:	75.0
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	933112768
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961527878
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10598010
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930086376
Layer:	2
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	75.0

Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930086375
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 74.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991527878
Pump Set At:
Static Level: 24.0
Final Level After Pumping: 40.0
Recommended Pump Depth: 65.0
Pumping Rate: 25.0
Flowing Rate:
Recommended Pump Rate: 8.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934111776
Test Type: Recovery
Test Duration: 15
Test Level: 24.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934655914
Test Type: Recovery
Test Duration: 45
Test Level: 24.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386585
Test Type: Recovery
Test Duration: 30
Test Level: 24.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904285
Test Type: Recovery

Test Duration: 60
Test Level: 24.0
Test Level UOM: ft

Water Details

Water ID: 933487418
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 74.0
Water Found Depth UOM: ft

Site:
lot 1 con 1 ON

Database:
WWIS

Well ID: 1527081
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 122000
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: CUMBERLAND TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 06/29/1993
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1517
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 001
Concession: 01
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10048760
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 02/23/1993
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
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: 931065986
Layer: 1
Color: 6
General Color: BROWN
Material 1: 02
Material 1 Desc: TOPSOIL
Material 2: 81

Material 2 Desc: SANDY
Material 3: 05
Material 3 Desc: CLAY
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931065987
Layer: 2
Color: 7
General Color: RED
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 4.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931065988
Layer: 3
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 26
Material 2 Desc: ROCK
Material 3:
Material 3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 124.0
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 933112197
Layer: 1
Plug From: 0.0
Plug To: 21.0
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961527081
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10597330
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930085291
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	21.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991527081
Pump Set At:	
Static Level:	30.0
Final Level After Pumping:	80.0
Recommended Pump Depth:	100.0
Pumping Rate:	15.0
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:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934109638
Test Type:	Draw Down
Test Duration:	15
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934654202
Test Type:	Draw Down
Test Duration:	45
Test Level:	75.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934902577
Test Type:	Draw Down
Test Duration:	60
Test Level:	80.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934393273
Test Type:	Draw Down
Test Duration:	30
Test Level:	70.0
Test Level UOM:	ft

Water Details

Water ID:	933486579
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	62.0
Water Found Depth UOM:	ft

Site:
lot 2 con 1 ON

Database:
WWIS

Well ID:	1525789	***Flowing (Y/N):***	
Construction Date:		***Flow Rate:***	
Use 1st:	Domestic	***Data Entry Status:***	
Use 2nd:		***Data Src:***	1
Final Well Status:	Water Supply	***Date Received:***	11/22/1991
Water Type:		***Selected Flag:***	TRUE
Casing Material:		***Abandonment Rec:***	
Audit No:	100113	***Contractor:***	1558
Tag:		***Form Version:***	1
Constructn Method:		***Owner:***	
Elevation (m):		***County:***	OTTAWA-CARLETON
Elevatn Reliabilty:		***Lot:***	002
Depth to Bedrock:		***Concession:***	01
Well Depth:		***Concession Name:***	CON
Overburden/Bedrock:		***Easting NAD83:***	
Pump Rate:		***Northing NAD83:***	
Static Water Level:		***Zone:***	
Clear/Cloudy:		***UTM Reliability:***	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID:	10047524	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	08/19/1991	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931062282
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	05
Material 1 Desc:	CLAY
Material 2:	79
Material 2 Desc:	PACKED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0

Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931062284
Layer: 3
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 35.0
Formation End Depth: 70.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931062283
Layer: 2
Color: 2
General Color: GREY
Material 1: 05
Material 1 Desc: CLAY
Material 2: 79
Material 2 Desc: PACKED
Material 3:
Material 3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 35.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931062286
Layer: 5
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 74
Material 2 Desc: LAYERED
Material 3: 85
Material 3 Desc: SOFT
Formation Top Depth: 81.0
Formation End Depth: 97.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931062285
Layer: 4
Color: 2
General Color: GREY
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL

Material 3: 91
Material 3 Desc: WATER-BEARING
Formation Top Depth: 70.0
Formation End Depth: 81.0
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525789
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10596094
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083189
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 86.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930083190
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991525789
Pump Set At:
Static Level: 35.0
Final Level After Pumping: 40.0
Recommended Pump Depth: 60.0
Pumping Rate: 30.0
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: 934389232
Test Type: Draw Down
Test Duration: 30
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649762
Test Type: Draw Down
Test Duration: 45
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906940
Test Type: Draw Down
Test Duration: 60
Test Level: 40.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105156
Test Type: Draw Down
Test Duration: 15
Test Level: 40.0
Test Level UOM: ft

Water Details

Water ID: 933484895
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 94.0
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

This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active.

Government Publication Date: Up to Nov 2023

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-Apr 2024

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-Apr 30, 2024

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 2022

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: Oct 2023

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-Apr 30, 2024

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 -May 2024

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-Oct 2024

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994 - Sep 30, 2024

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database (ODHD) is offered by the Province of Ontario's Ministry of Mines. The dataset contains information for over 164,000 percussion, overburden, sonic and diamond-drill holes. The presence of assay results with cutoff values for gold, silver, copper, zinc, lead, nickel and platinum group elements is noted. Drill hole data are compiled from assessment files that have been submitted to the ministry in accordance with the Ontario Mining Act (OMA). Source assessment file numbers are captured for cross reference with the Ontario Assessment File Database (OAFD). 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. 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 - Aug 2024

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: Oct 2023

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011-Sep 30, 2024

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994 - Sep 30, 2024

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011-Sep 30, 2024

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-Aug 31, 2024

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land 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, 2023

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: Oct 2023

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Sep 2024

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: Oct 31, 2021

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: Oct 2023

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-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2022

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: 31 Oct, 2023

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Mar 31, 2022

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Feb 2024

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, 2022

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-Nov 2023

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 NPR2

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI.

Government Publication Date: Feb 2024

National Pollutant Release Inventory - Historic: 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. This data holds historic records; current records are found in NPR2.

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-May 31, 2024

Ontario Oil and Gas Wells: Provincial OOGW

In 1998, the Ministry of Natural Resources (MNR) handed over to the Ontario Oil, Gas and Salt Resources (OGSR) 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 includes well owner/operator, location, permit issue date, and well cap date, license number, 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 provided for each well record.

Government Publication Date: 1800-Aug 2024

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994 - Sep 30, 2024

Canadian Pulp and Paper: Private PAP

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

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011-Sep 30, 2024

Ontario PFAS Spills: Provincial PFAS

This specific list of spills includes those incidents where one or more of the listed contaminants are identified in the PFAS Structure List and/or PFAS Chemicals Without Explicit Structure List made available by the United States Environmental Protection Agency (US EPA), is originally sourced from the Ministry of the Environment, Conservation and Parks spills related data. 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.

Government Publication Date: 1988-Mar 2024; May 2024

NPRI Reporters - PFAS Substances: Federal PFCH

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Feb 2024

Potential PFAS Handlers from NPRI: Federal PFHA

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per - and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile.

Government Publication Date: Feb 2024

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2021

Potential PFAS Handlers from EASR: Provincial PPHA

The Ontario Environmental Activity and Sector Registry (EASR), described in Ontario Regulation 245/11, allows businesses with less complex operations - and hence not requiring an Environmental Compliance Approval - to register their activities with the Ontario Ministry of the Environment, Conservation and Parks (MECP). This list of potential PFAS handlers includes those EASR facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used.

Government Publication Date: Jun 30, 2024

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994 - Sep 30, 2024

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, 1992-2021

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). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

Government Publication Date: 1997-Sept 2001, Oct 2004-Oct 2024

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-Apr 30, 2024

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 by 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.

Government Publication Date: 1988-Jun 2024

Wastewater Discharger Registration Database: Provincial SRDS

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of 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.

Government Publication Date: 1990-Dec 31, 2021

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 - Apr 2024

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011 - Sep 30, 2024

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: Dec 31 2023

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX 4

FREEDOM OF INFORMATION REQUEST

Ministry of the Environment, Conservation and Parks

Corporate Services Branch
40 St. Clair Avenue West
Toronto ON M4V 1M2

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

Direction des services ministériels
40, avenue St. Clair Ouest
Toronto ON M4V 1M2

Ontario

November 20, 2024

Brent Redmond
ABS Group
850 Industrial Avenue
Ottawa, Ontario K1G 4H3
baredmond@groupeabs.com

Dear Brent Redmond:

RE: **MECP FOI A-2024-07565 – Acknowledgement Letter**

The Ministry is in receipt of your request made pursuant to the Freedom of Information and Protection of Privacy Act. **The search will be conducted on the following:**

500 Famille-Côté Ave, Orléans

Timeframe: January 1st, 1900 to November 19th, 2024

If there is any discrepancy, please contact us immediately.

Please note the file number that has been assigned to your request. This number should be referred to in all future communications with our office.

If you have any questions, please contact Adeolu Paul-Taiwo at adeolu.paul-taiwo@ontario.ca.

Yours truly,
Adeolu Paul-Taiwo
MECP Access and Privacy Office

APPENDIX 5

TSSA REQUEST

From: Brent Aidan Redmond
To: Public Information Services
Cc: Ata Babakhani
Subject: 500 Famille-Côté Avenue, Orléans, ON
Date: 4 décembre 2024 11:45:12
Attachments: image001.png
image002.png
image003.png

Dear Sir/Madam,

Could you please process a TSSA request for the following properties:

- 500 Famille Cote Avenue
- 505 Famille Cote Avenue
- 555 Famille Cote Avenue
- 845 Champlain St
- 875 Champlain St
- 881 Champlain St
- 1083 Des Ormes Place
- 6983 Bilberry Drive
- 7008 Bilberry Drive

Regards,

Brent Aidan Redmond, *M.A.Sc., P.Geo.*
Project manager in environment - Hydrogeology

ABS
A WORLD BEYOND

8-850 Industrial Avenue, Ottawa
613.913.9702 | Office Direct
613.325.0297 | Cell phone

www.groupeabs.com

Customer service is one of our top priorities. Are you satisfied with the response time?

APPENDIX 6

AERIAL PHOTOGRAPHS

AERIAL PHOTO (1949)

Source: EODMS

Photo Number: 0174

AERIAL PHOTO (1976)

Source: GeoOttawa

AERIAL PHOTO (1991)

Source: EODMS

AERIAL PHOTO (2002)

Source: GeoOttawa

AERIAL PHOTO (2008)

Source: GeoOttawa

AERIAL PHOTO (2014)

Source: GeoOttawa

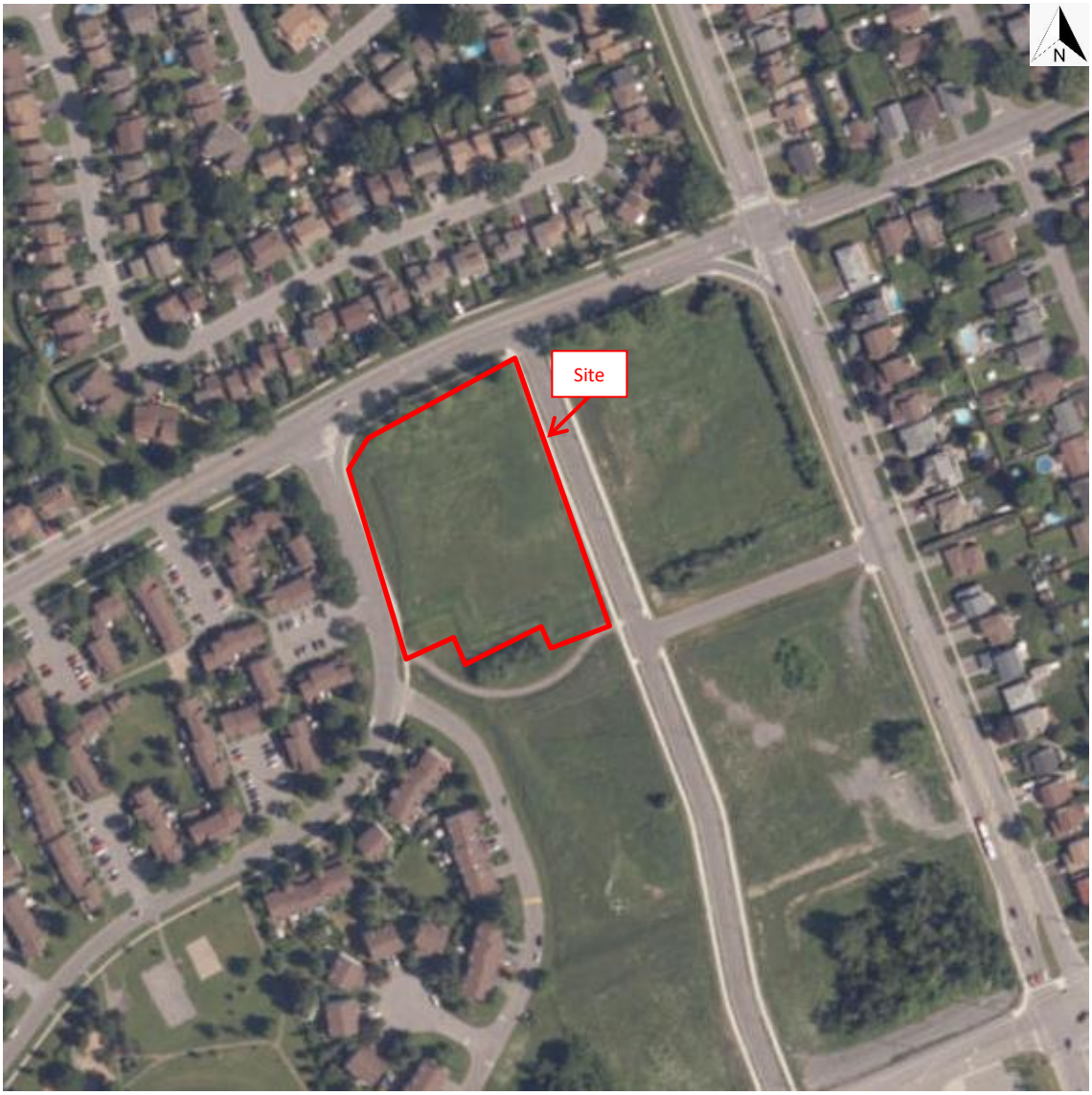
AERIAL PHOTO (2017)

Source: GeoOttawa

AERIAL PHOTO (2019)

Source: GeoOttawa

AERIAL PHOTO (2022)



Source: GeoOttawa

APPENDIX 7

SITE PHOTOS

PHOTOGRAPH 1

Site overview from the corner of Famille-Cote Avenue and Jeanne D'arc Boulevard

PHOTOGRAPH 2

Site overview from Bilberry Drive

PHOTOGRAPH 3

Municipal storm sewer manhole observed in the southwest portion of the Site

PHOTOGRAPH 4

Municipal storm sewer manhole observed in the southeast portion of the Site

PHOTOGRAPH 5

Monitoring well observed in the south portion of the Site

PHOTOGRAPH 6

North adjacent residential properties

PHOTOGRAPH 7

Northeast adjacent residential properties

PHOTOGRAPH 8

East adjacent undeveloped property

PHOTOGRAPH 9

Southeast adjacent undeveloped property

PHOTOGRAPH 10

South adjacent undeveloped property

PHOTOGRAPH 11

Southwest adjacent residential properties

PHOTOGRAPH 12

West adjacent residential properties

PHOTOGRAPH 13

Northwest adjacent residential properties