# Phase One Environmental Site Assessment

## 1132 St. Pierre Street, Ottawa, Ontario

**Client:**
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**Type of Document:**
Final

**Project Name:**
Phase One Environmental Site Assessment

**Project Number:**
OTT-23014181-F0

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# Legal Notification

This report was prepared by EXP Services Inc. for the account of **Pulse Societies Ltd.**

Any use which a third party makes of this report, or any reliance on or decisions to be made based on it, are the responsibility of such third parties. EXP Services Inc. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this project.

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# Executive Summary

EXP Services Inc. (EXP) was retained Pulse Societies Ltd. to complete a Phase One Environmental Site Assessment (ESA) for a residential property located at 1132 St. Pierre Street in Ottawa, Ontario hereinafter referred to as the 'Phase One property'. At the time of the investigation, the Phase One property was developed with a two-storey, multi-unit (duplex) residential building.

The purpose of this Phase One ESA is to determine if past or present site activities have resulted in actual or potential contamination at the Phase One property. It is understood that the report will be used for due diligence purposes in support of a City of Ottawa site plan application. A Record of Site Condition (RSC) is not required due to a change in land use.

The property is located on the west side of St. Pierre Street, between St. Joseph Boulevard and Rocque Street. At the time of the investigation, the Site was improved with a two-storey, multi-tenant building (duplex) with associated asphalted parking areas and a landscaped backyard area to the west. The subject site is found in an urban residential neighbourhood which is serviced by municipal water and sanitary systems, as well as connected to overhead electrical supply and buried natural gas networks.

The Phase One property is legally described as 1132 St. Pierre St.: PT LTS 29 & 30, PL 86 , AS IN N620745 ; GLOUCESTER with PIN 044250095 and is 0.192 acres in area.

Based on a review of historical aerial photographs, historical maps, and other records, it appears that the Phase One property was developed prior to 1958 with a residential dwelling.

The closest bodies of water are Bilberry Creek located 80 m west and the Ottawa River located approximately 2 km to the northwest. The local topography has a slight slope to the north. Based on these factors, the regional groundwater flow direction is inferred to be in the northern direction.

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

Based on the results of the Phase One ESA, no PCAs were identified on the Phase One property. The following off-site PCAs were identified.

| EXP PCA # | Location of PCA | Potentially Contaminating Activity (PCA) | Description | Environmental Concern to Site (Yes/No) & Rationale |
|---|---|---|---|---|
| **PCA 1** | 2817 – 2821 St. Joseph Boulevard (125 m southeast) | PCA#52 Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems | Former auto repair garage in operation during at least the 1990s. | Due to the large intervening distance to the Phase One property, this PCA does not contribute to an APEC. |
| **PCA 2** | 1226 Orleans Place Drive (190 m northwest) | PCA #Other – Spills | Several fuel and hydraulic fluid spills during the 2000s and 2010s | Due to down/cross gradient location in relation to the Phase One property and large intervening distance, this PCA does not contribute to an APEC. |
| **PCA 3** | 2834 St. Joseph Boulevard (220 m southeast) | PCA#52 Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems | Former auto repair garage in operation in the 1940s to 1970s. | Due to the large intervening distance, this PCA does not contribute to an APEC. |
| **PCA 4** | 2851 St. Joseph Boulevard (220 m southeast) | PCA#52 Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems | Former auto repair garage in operation in the 1940s to 1950s. | Due to the large intervening distance, this PCA does not contribute to an APEC. |

Based on the results of the Phase One ESA, none of the above off-site PCAs contribute to areas of potential environmental concern (APEC) on the Phase One property.

The Qualified Person who oversaw this work, Chris Kimmerly, P.Geo., does not recommend any additional environmental investigation at this time.

If it is anticipated that excess soil may be generated during site development, a Soil Characterization Report will be required as per Ontario Regulation 406/19 – On site and Excess Soil Management.

Since the buildings on the Phase One property are to be demolished during site redevelopment, a Designated Substance Survey is required as per Ontario Regulation 490/09 prior to the disturbance of any building materials.

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

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

# 1 Introduction

EXP Services Inc. (EXP) was retained by Pulse Societies Ltd. to complete a Phase One Environmental Site Assessment (ESA) for a residential property located at 1132 St. Pierre Street in Ottawa, Ontario hereinafter referred to as the 'Phase One property'. At the time of the investigation, the Phase One property was developed with a two-storey, multi-unit (duplex) residential building.

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

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

## 1.1 Objective

The purpose of this Phase One ESA is to determine if past or present site activities have resulted in actual or potential contamination at the Phase One property. It is understood that the report will be used for due diligence purposes in support of a City of Ottawa site plan application. A Record of Site Condition (RSC) is not required due to a change in land use.

EXP personnel who conducted assessment work for this project included Scott Lessard, B.Sc., and Chris Kimmerly, P.Geo. An outline of their qualifications is provided in Appendix A.

## 1.2 Phase One Property Information

The property is located on the west side of St. Pierre Street, between St. Joseph Boulevard and Rocque Street (see Figure 1 and 2). At the time of the investigation, the Site was improved with a two-storey, multi-tenant (duplex) building with associated asphalted parking areas (see Figure 3). The subject site is found in an urban residential neighbourhood which is serviced by municipal water and sanitary systems, as well as connected to overhead electrical supply and buried natural gas networks.

Topographically, the Site is relatively flat. The surrounding area has a slight downwards slope towards the north. The closest bodies of water are Bilberry Creek located 80 m west and the Ottawa River located approximately 2 km to the north. Based on these factors, the regional groundwater flow direction is inferred to be in the northern direction.

The Phase One property is legally described as 1132 St. Pierre St.: PT LTS 29 & 30, PL 86 , AS IN N620745 ; GLOUCESTER with PIN 044250095 and is 0.192 acres in area.

The approximate Universal Transverse Mercator (UTM) coordinates for the Phase One property are Zone 18, 459186 m E and 5035813 m N. The UTM coordinates are based on measurements from Google Earth Pro, published by the Google Limited Liability Company (LLC). The accuracy of the centroid is estimated to be less than 10 m.

Authorization to proceed with this investigation was provided by Mr. Sael Nemorin of Pulse Societies Ltd . Contact information for Mr. Nemorin is Suite 100, 135 Laurier Avenue West, Ottawa, Ontario, K1P 5J2.

The Phase One property site location and site layout are shown on Figures 1-2 in Appendix B.

# 2 Scope of Investigation

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

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

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

# 3 Records Review

## 3.1 Phase One ESA Study Area Determination

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

The Phase One property is zoned residential R5A. The properties immediately surrounding the Phase One property to the north, east and south are also zoned residential, while the church property to the west and southwest is zoned institutional. Most of the remaining properties in the Phase One study area are also zoned residential with the exception of a school to the northwest, a shopping centre to the north and commercial properties along St. Joseph Boulevard to the east and southeast.

The Phase One study area is shown on Figure 3 in Appendix B.

## 3.2 First Developed Use Determination

Based on a review of historical aerial photographs, historical maps, and other records review, it appears that the Phase One property was developed as a residential property prior to 1958. Prior to development, it is likely that the property was vacant.

## 3.3 Fire Insurance Plans

A search of The Catalogue of Canadian Fire Insurance Plans 1875 – 1975 (Catalogue) determined that no fire insurance plans (FIPs) for the Phase One study area exist.

## 3.4 Chain of Title

Based on the historical information available, a chain of title was not required for the Phase One property.

A GeoWarehouse search of 1132 St. Pierre Street, Ottawa, Ontario conducted on June 26, 2024 indicated that title of the property was transferred to the current owner (PulseSocieties) in May 2024 and appears to have been used as a residential dwellings since at least 1992. No additional information was provided in GeoWarehouse pre-1992.

## 3.5 Environmental & Geotechnical Reports

No previous environmental or geotechnical reports were available for review.

## 3.6 Environmental Source Information

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

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

### 3.6.1 Ontario Ministry of the Environment, Conservation and Parks Records

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

No response has yet been received from the MECP. However, any pertinent information received will either be included in the final report or be forwarded as an addendum to this report.

### 3.6.2 Historic Land Use Inventory

Records pertaining to the site were received on July 25, 2024 from the City of Ottawa for the Historical Land Use Inventory (HLUI) through the Municipal Freedom of Information and Protection of Privacy Act (FOI). The following entries were listed:

- Comvac Repair Centre, located at 1115 St. Pierre St. (55m east of the Phase One property), was listed in 2001 as a wholesaler of electronic machinery, equipment and supplies. Given that the company was not manufacturing electrical components and operated during a short timeframe, this does not represent a PCA to the Phase One property.
- Orleans Motor Sales, located at 2821 St. Joseph Boulevard (130 southeast of the Phase One property), was listed between 2001 and 2017. It was noted that the facility was described as having automobile repairing and service. This represents a PCA to the Phase One property - **PCA 1** (PCA#52 Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems).

No other entries listed in the HLUI search represent a PCA to the Phase One property.

### 3.6.3 Environmental Registry

On June 26, 2024, the MECP Environmental Registry website was searched for postings in the vicinity of the Phase One property. No records were identified in the Phase One study area.

### 3.6.4 Environmental Access

On June 26, 2024, the MECP Environmental Access website was searched for postings within the Phase One study area. The following records were found. The following was listed in the Phase One study area:

A Certificate of Approval (C of A) was granted on July 23, 2009 for Jardin Royal/Royal Garden Inc. to construct a stormwater management facility at 2802 St. Joseph Boulevard, which is located approx. 200 m southeast of the Phase One property. Due to the nature at a retirement home, this does not represent a PCA.

No other records were identified in the Phase One study area.

### 3.6.5 Hazardous Waste Program Registry

On June 26, 2024, the Resource Productivity and recovery Authority (RPRA) Hazardous Waste Program (HWP) Registry website was searched for registered waste generators within the Phase I study area. The following record was found.

| Location (Generator) | Proximity to the Phase One property | Wastes Generated | Years | Environmental Concern to Site (Yes/No) & Rationale |
|---|---|---|---|---|
| Orleans Urgent Care Clinic 1220 Prom. Place d'Orleans Dr (ON4775984) | 200 m northeast | Pathological wastes | 2010 - 2022 | No, based on the nature of the operations it is unlikely that significant amounts of wastes are generated. |

Based on the nature of operations at these properties and/or intervening distance to the Phase One property, the above records do not represent PCA's to the Phase One property.

### 3.6.6 Former Industrial Sites

The document entitled *Mapping and Assessment of Former Industrial Sites – City of Ottawa* prepared by Intera, July 1988 was reviewed. No former industrial sites were identified in the Phase One study area.

### 3.6.7 Coal Gasification Plants

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

### 3.6.8 PCB Storage Sites

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

### 3.6.9 Waste Disposal Sites

Documents entitled *Old Landfill Management Strategy, Phase 1, Identification of Sites, City of Ottawa, Ontario* prepared by Golder Associates Ltd. and *Waste Disposal Site Inventory* prepared by the MECP were reviewed.

No landfills were listed within the Phase One study area.

### 3.6.10 Street Directories

A city directories search for the Phase One study area, was conducted by ERIS. Directories published in 1991, 1994, 1997, 2000, 2006/2007, 2012, 2017, and 2021. Based on the review of the city directories the following PCAs were identified.

- Former automotive repair garage listed as B & R garage located 125 m southeast of the Phase One property at 2817 – 2821 St. Joseph Boulevard and was listed in 1991 (**PCA 1** (PCA#52 Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems).

Comvac Repair Centre located at 1115 St. Pierre Street (55 m east of the Phase One property) was listed from 1997-2017. Based on a Google search, this company operated as a vacuum repair centre and general contractor. Based on the inherent nature of these operations, this does not represent a PCA to the Phase One property.

No other PCA's were identified based on the City Directory search.

## 3.6 EcoLog ERIS Database Search

A search of provincial and federal databases for records pertaining to the Phase One property and properties within the Phase One study area was conducted by EcoLog ERIS. EXP has confirmed neither the completeness nor the accuracy of the records that were provided. A summary of the more significant findings is provided below. A copy of the EcoLog ERIS report is provided in Appendix D.

The following entries from the EcoLog ERIS report was reviewed and summarized below.

| Location | Proximity to the Site | Description | Database | Environmental Concern to Site (Yes/No) & Rationale |
|---|---|---|---|---|
| **1087 St. Pierre Street** | 107 m northwest | On November 7, 2019 it was reported that damage occurred to the natural gas service line to the home resulting in the release of natural gas. | Ontario Spills (SPL) | No, a natural gas leak was released into the atmosphere and would not result in an impact to the Phase One property. |
| **1080 St. Pierre Street** | 115 m north | Conseil Des Ecole Catholiques de Langue was registered from 1999 – 2001 (Generator No. ON 1285750) as a generator of PCBs. | Ontario Regulation 347 Waste Generators Summary (GEN) | No, due to the distance and down/cross gradient location from the Phase One property. |
| | | Listed as a School dead end of St. Pierre St. that had a spill reported on September 21, 1998 that resulted in soil contamination due to a pipe / hose equipment failure which resulted in a plugged-up sanitary sewage overflow. | SPL | |
| **1159 St. Pierre Street** | 123 m southeast | PromoGolf Ball was registered as of October 2019 as a generator of Misc. waste organic chemical (Generator No. ON5671352). | GEN | No, due to the large intervening distance from the Phase One property. |
| **2795 St. Josephs** | 147 m southeast | Mom's Chicken is listed on August 19, 2013, as having a grease spill that was released to a catch basin. | SPL | No, due to the large intervening distance from the Phase One property. |
| **1226 Orleans Place Drive** | 190 m northwest | A Loblaws Transport truck was listed on November 2, 2001, to have experienced a small release of diesel fuel that leaked on the paved parking lot and was subsequently cleaned. | SPL | No, the large intervening distance and down/cross gradient location from the Phase One property. (**PCA 2** – PCA #Other - Spills) |
| | | A listing on July 29, 2002, indicates that a diesel fuel tank fell off a parked vehicle within the Loblaws parking lot resulting in the release of fuel. | SPL | |
| | | A listing also on July 29, 2002, indicates that a hydraulic oil leak to concrete occurred due to a compactor valve / fitting failure. | SPL | |
| | | On September 8, 2015, No Frills reported a 50-litre hydraulic oil leak to the ground that was subsequently cleaned. | SPL | |
| | | A Pharmacy located in the shopping centre was registered in 2001 as a generator (Generator No. ON2539603) of pharmaceuticals and pathological wastes. | GEN | No, due to the distance and down/cross gradient location from the Phase One property |

| Location | Proximity to the Site | Description | Database | Environmental Concern to Site (Yes/No) & Rationale |
|---|---|---|---|---|
| | | Loblaws Companies East was registered from 2002 to 2004 as a generator (Generator No. ON4626979) of halogenated pesticide and non-halogenated lean organics. | GEN | |
| | | Loblaws Companies Limited was registered in 2015 and 2016 as a generator (Generator No. ON8867495) of pathological wastes. | GEN | |
| | | Choice Properties REIT was registered as of 2021 as a generator (Generator No. ON3679993) of waste oils / sludges and oil skimmings & sludges. | GEN | |
| | | Loblaws Inc. was registered as of 2022 as a generator (Generator No. ON8867495) of pathological wastes, pharmaceuticals, and aliphatic solvents. | GEN | |
| | | On April 23, 2007, Loblaws reported a cooling system leak which resulted in the release of 250 lb of refrigerant R-22 to the air. | SPL | No, a refrigerant leak was released into the atmosphere and would not result in an impact to the Phase One property. |
| | | On February 22, 2008, Loblaws reported a 445 lb refrigerant leak to the atmosphere. | SPL | |
| | | On October 6, 2012, No Frills reported a 283 kg release of refrigerant R-22 into the atmosphere. | SPL | |
| **2839 St. Joseph Boulevard** | 195 m southeast | Bicycle & Sports Shop Inc. was registered as a generator from 1992 – 1998 of petroleum distillates (Generator No. ON1214800) | GEN | No, due to the large intervening distance from the Phase One property. |
| **1224 Promenade Place D'Orlease** | 200 m north | National Grocers Loblaws Supermarkets was registered from 1993 – 2001 as a generator (Generator No. ON0270313) of photo processing wastes. | GEN | No, due to the large intervening distance from the Phase One property. |
| | | Parson Refrigeration reported a 250 lbs refrigerant release to the air on June 15, 2004. | SPL | No, a refrigerant leak was released into the atmosphere and would not result in an impact to the Phase One property. |
| | | Loblaws Supermarkets Limited reported a 115 kg refrigerant R-22 leak on July 7, 2005 that was released to the atmosphere. | SPL | No, a refrigerant leak was released into the atmosphere and would not result in an impact to the Phase One property. |

The following additional PCA's were identified based on the Ecolog ERIS Search:

- **PCA 2** (PCA# Other - Spills) – a number of hydraulic oil and diesel fuel leaks reported in 2001, 2002 and 2015 at 1226 Orleans Place Drive located 190 m northwest of the Phase One property.

## 3.7 Physical Setting Sources

### 3.8.1 Aerial Photographs

Aerial photographs dated 1958, 1976, 1991, 1999, 2002, 2005, 2008, 2011, 2014 and 2022 were reviewed on the GeoOttawa website. No discernable aerial photographs were available before 1958. The following table summarizes the development and land use history of the Phase One property and adjacent properties as depicted on the reviewed aerial photographs. Copies of the aerial photographs are provided in Appendix E.

| Aerial Photograph (year) | Details |
|---|---|
| 1958 | The Phase One property appears to be developed with a residential building with a similar footprint to the current building. The Phase One property is surrounded by single family residential properties to the north and south along St. Pierre Street. The properties across St. Pierre Street to the east and to the west are vacant. There appear to be residential dwellings developed along St. Joseph Boulevard to the south. Rocque Street and Maisonneuve Street have not yet been constructed. The church building to the south is visible but there is no parking lot. Bilberry Creek is visible to the west following by a graveyard. The school building is visible to the northwest. |
| 1976 | The image is blurry the building footprint on the Phase One property appears similar to that in 1958. There has been additional residential development of single-family homes along St. Pierre Street. There appears to be construction activity for the commercial shopping centre approx. 200 m to the north and immediately to the west for the church parking lot. Commercial property development has occurred along St. Joseph Boulevard to the south and an addition has been constructed on the school building to the northwest. Rocque Street is now visible to the north and Maisonneuve St. to the east. There appears to be a long driveway for the church accessed via Rocque St located to the adjacent west of the Phase One property. |
| 1991 | No significant changes are visible to the Phase One property. The church parking lot has been constructed to the south and construction activity continues approx. 200 m to the north. Additional commercial buildings have been constructed along St. Joseph Boulevard to the south. |
| 2002 | No significant changes to the Phase One property. The commercial shopping centre has been constructed approx. 200 m to the north. |
| 2005-2008 | No significant changes to the Phase One property or surrounding properties. |
| 2011 | No significant changes to the Phase One property. A retirement home has been constructed 200 m to the southeast along St. Joseph Boulevard. |
| 2014-2022 | No significant changes to the Phase One property or surrounding properties. |

Based on a review of the aerial photographs, no PCAs were identified.

### 3.8.2 Topography, Hydrology, Geology

The following information sources were reviewed to determine the nature of the subsurface materials at the site:

- Surficial Geology - Ottawa – Map 1506A, Geological Survey of Canada. Scale 1:50,000. Issued 1973.
- Bedrock Geology - Ottawa, Geological of Canada Survey. Scale 1:50,000. Issued 1976.

- Ontario Geotechnical Boreholes – Electronic Resource.
- MOE Water Well Records – Electronic Resource.
- Department of Natural Resources, Topographic Mapping. Electronic Resource.

Based on review of the above information, the bedrock in the general area is part of the Oxford Formation and is composed of limestone and dolomite. With respect to surficial geology, beneath any fill, the Phase One property is underlain by fine-textured glaciomarine deposits of clay and silt.

The local topography of the Site relatively flat, while the area has a slight slope down to the north.

### 3.8.3 Fill Materials

Based on the topography of the Phase One property and its similar elevation to the surrounding properties, it is not anticipated that significant quantities of fill material is present on the Phase One property.

### 3.8.4 Water Bodies and Areas of Natural Significance

The closest bodies of water are Bilberry Creek located 80 m west and the Ottawa River located approximately 2 km to the north. Based on these factors, the regional groundwater flow direction is inferred to be in the northern direction.

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

### 3.8.5 Well Records

The Ontario well records website (https://www.ontario.ca/page/map-well-records) was accessed. Several records for previous potable water wells drilled in the 1950s and 1960s were identified in the Phase One study area including along St. Pierre Street to the north and south.

Generally, the overburden consists of blue clay over limestone bedrock at 4.5 – 6.7 metres below grade.

No recent domestic water wells were identified in the Phase One study area. The potable water in the area is serviced by the City of Ottawa.

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

## 3.8 Site Operating Records

No site operating records were available for review.

# 4 Interviews

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

Mr. Tristan Pelletier, previous owner, was interviewed via telephone call on July 10, 2024. He noted that the residential building remained similar to 2020, when he purchased the property. He indicated that the building is currently occupied by two tenants in two separate units. Mr. Pelletier indicated that the original structure was constructed in the 1950s or 1960s and was not aware of any previous fuel storage tanks on the Phase One property. He was also unaware of any environmental issues associated with the Phase One property.

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

# 5 Site Reconnaissance

## 5.1 General Requirements

On June 27, 2024, Mr. Scott Lessard of EXP conducted the site visit. The site visit was conducted in accordance with EXP's internal health and safety protocols and with the Ministry of Labour health and safety regulations. The purpose of the site visit was to assess the current conditions of the Phase One property.

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

Observations of the subject property and surrounding properties were made. The site reconnaissance began at approximately 9:00 a.m. and Mr. Lessard was unaccompanied during his time onsite. The weather was approximately 20°C and sunny. Adjacent properties were observed from within the grounds of the Phase One property, as well as publicly accessible areas. Photographs documenting the site visit are included in Appendix F.

## 5.2 Specific Observations at the Phase One Property

The residential building footprint covers the majority of the eastern section of the Phase One property. There is an asphalt parking area to the north and a landscaped area covering the western section of the Phase One property.

### 5.2.1 Buildings and Structures

A two-storey, multi tenant residential building is located on the eastern side of the Phase One property. There appears to be an addition to the original building structure to the rear (west). The building has a concrete block foundation and a partially finished basement. A small, detached storage shed is located on the southwestern portion of the Phase One property.

### 5.2.2 Site Utilities and Services

The Phase One property is currently serviced by municipal water and sewer services, overhead electrical and telecommunication lines, and buried natural gas service.

The heating for the Phase One property building is provided via natural gas forced air.

## 5.3 Storage Tanks

### 5.3.1 Underground Storage Tanks

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

### 5.3.2 Above Ground Storage Tanks

No above ground storage tanks (ASTs) were observed on the Phase One property. In addition, no evidence of holes for piping into the house from a historical exterior AST was observed by EXP.

## 5.4 Chemical Storage Handling and Floor Condition

No chemicals (other than domestic cleansers) are stored at the Phase One property.

## 5.5 Areas of Stained Soil, Pavement or Stressed Vegetation

No areas of notable staining of soil were observed on the Phase One property at the time of EXP's site visit.

## 5.6 Fill and Debris

It is unlikely that any significant quantities of fill material are present on the Phase One property since the elevation of the property is similar to those of the surrounding area.

## 5.7 Air Emissions

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

The Phase One property does emit exhaust from natural gas-fired furnaces. No other air emissions were identified at the time of the site visit.

## 5.8 Odours

No strong odours were present during the site visit.

## 5.9 Noise

No excessive noise was heard during the site visit.

## 5.10 Other Observations

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

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

### 5.11.1 Asbestos

Asbestos-containing materials (ACM) are fibrous hydrated silicates and can be found in building materials as either "unbound" or "bound" asbestos. Friable asbestos refers to materials where the asbestos fibres can be separated from the material with which it is associated. Non-Friable asbestos refers to asbestos that is associated with a binding agent (such as tar or cement). Friable asbestos is commonly found in boiler and pipe insulation. Non-Friable asbestos is typically found in roofing tars, floor and ceiling tiles, and asbestos-containing cement.

ACMs in the workplace are defined as a Designated Substance under the Ontario Occupational Health and Safety Act (OHSA). Under OHSA, persons in the workplace are required to be notified of the presence of ACMs once they are suspected to be present, and if there is a potential for workers to be exposed. The use of ACM was discontinued in Canada in the late 1970s/early 1980s, although non-friable asbestos can still be found in recently constructed buildings.

Based on the age of the building (constructed pre-1958), ACM may be present in the building. A Designated Substance Survey (DSS) is recommended according to Ontario Regulation 490/09 prior to any renovation or demolition of the building.

### 5.11.2 Ozone Depleting Substances (ODSs)

Chlorofluorocarbons (CFC), often referred to as freons, ceased production in Canada in 1993 as a result of their ozone-depleting characteristics. Importation of CFCs into Canada ceased in 1997 and a total ban on their use is proposed for 2020.

The use of these materials is still permitted in existing equipment, but equipment must be serviced by a licensed contractor such that CFCs are contained and not released to the environment during servicing or operation.

Maintenance of refrigerant containing equipment should be completed by a licensed refrigeration contractor. The equipment should only be repaired, removed, or serviced by an appropriately licensed contractor.

### 5.11.3 Lead

Lead has frequently been used in oil-based paints, roofing materials, cornices, tank linings, electrical conduits and soft solders for tinplate and plumbing. The use of lead-based paints (LBPs) was phased out *circa* 1976. Paint that was produced or used between 1976 and 1980 may contain small amounts of lead. Paint that was produced or used prior to 1950 may contain higher levels of lead. The main concern regarding lead paint is its potential to become lead dust or chips either through deterioration and/or mechanical means (i.e., sanding, abrasion, etc.). Exposure to lead dust or chips occurs by ingestion or inhalation.

Based on the age of the building (constructed before 1958), LBPs may be present and should be addressed as part of a DSS prior to renovation or demolition.

### 5.11.4 Mercury

Mercury could be found in some batteries, light bulbs, old paints, thermostats, old mirrors, etc. Based on an investigation by Consumer and Corporate Affairs Canada, and an assessment of potential health risks by Health and Welfare Canada, in 1991 the decision was made to eliminate the use of mercury compounds in indoor latex paints. The Canadian Paint and Coatings Association (CPCA) supported the withdrawal and all Canadian manufacturers and formulators of the preservative voluntarily agreed to remove “interior uses” from their product labels.

The interior painted surfaces observed during EXP’s site visit were generally in good condition. Fluorescent light tubes were observed in the site building. As such, mercury may be present and should be addressed as part of a DSS prior to renovation or demolition.

### 5.11.5 Polychlorinated Biphenyls (PCB)

The manufacture of PCB in North America was prohibited under the Toxic Substances Control Act (1977). Their use as a constituent of new products manufactured in or imported into Canada was prohibited by regulations in 1977 and 1980. As such, sites developed or significantly renovated after 1980 are unlikely to have PCB-containing equipment on the Phase One property. Potential equipment, which could contain PCB include fluorescent mercury and sodium vapour light ballasts, oil filled capacitors and transformers. Any electrical equipment containing PCB must be disposed of in accordance with Ontario Regulation 362 when it is removed from service. Ongoing operation of equipment containing PCB is permissible.

Based on the age of the building, PCB containing equipment may be present and should be addressed as part of a DSS prior to renovation or demolition.

### 5.11.6 Urea Formaldehyde Foam Insulation

Formaldehyde is a pungent, colourless gas commonly used in water solution as a preservative and disinfectant. It is also a basis for major plastics, including durable adhesives. It occurs naturally in the human body and in the outdoor environment. Formaldehyde is used to bond plywood, particleboard, carpets, and fabrics, and it contributes to "that new house smell.”

Formaldehyde is also a by-product of combustion; it is found in tobacco smoke, vehicle exhaust and the fumes from furnaces, fireplaces and wood stoves. While small amounts of formaldehyde are harmless, it is an irritating and toxic gas in significant concentrations. Symptoms of overexposure to formaldehyde include irritation to eyes, nose, and throat; persistent cough and respiratory distress; skin irritation; nausea; headache; and dizziness.

Urea-formaldehyde foam insulation (UFFI) was developed in Europe in the 1950s as an improved means of insulating difficult-to-reach cavities in the walls. It is typically made at a construction site from a mixture of urea-formaldehyde resin, a foaming agent and compressed air. When the mixture is injected into the wall, urea and formaldehyde unite and "cure" into an insulating foam plastic.

During the 1970s, when concerns about energy efficiency led to efforts to improve building insulation in Canada, UFFI became an important insulation product for existing buildings. The further use of UFFI was banned in Canada in 1980.

No evidence of UFFI was observed during the site visit.

### 5.11.7 Radon

Radon is a colourless, odourless, radioactive gas that occurs naturally in the environment. It comes from the natural breakdown of uranium in soils and rocks. Exposure to high levels of radon increases the risk of developing lung cancer. This relationship has prompted concern that radon levels in some Canadian buildings may pose a health risk. Radon gas can move through small spaces in the soil and rock and seep into a building through cracks in concrete, sumps, joints, and basement drains. Concrete-block walls are particularly porous to radon and radon trapped in water from wells can be released into the air when the water is used.

Due to the potential health concerns associated with radon, Health Canada released a guideline in June 2007 for a maximum acceptable level of radon gas of 200 Becquerels per cubic metre (Bq/$m^3$) where radon gas is present and the annual radon concentration exceeds 200 Bq/$m^3$ in the normal occupancy area.

A radon gas assessment was beyond the scope of this Phase One ESA, and as such, radon gas was not assessed. The Radon Potential Map of Ontario created by Radon Environmental indicates that the Phase One property is located in Zone 3 – Guarded, which has the lowest potential for radon. The zones are identified based on regional geologic conditions. It is noted that although the property is located in Zone 3, a wide spectrum of readings can occur in all zones.

### 5.11.8 Mould

Mould is found in the natural environment and is required for the breakdown of plant debris such as leaves and wood. Mould spores are found in the air in both the indoor and outdoor environments. In order for mould to grow, an organic food source (i.e. gypsum wallboard, wallpaper, wood, etc.) and moist conditions are required. Mould can have an impact on human health depending on the species and concentration of the airborne mould spores. Health effects can include allergies and mucous membrane irritation.

Currently there are no regulations governing mould; however, there are several guidelines addressing mould assessments and abatement. At the moment, the industry standards include the Canadian Construction Association (CCA) document 82-2004 titled “mould guidelines for the Canadian construction industry” and the Environmental Abatement Council of Ontario (EACO) guidelines titled “EACO Mould Abatement Guidelines, Edition 3 (2015).”

It is important to note that the Ministry of Labour (MOL) has governed protecting workers under the Occupational Health and Safety Act, which states that employers are required to take every precaution reasonable to protect their workers. This includes protecting workers from mould within workplace buildings.

Suspected mould was observed on the day of the survey due a recent roof leak has resulted in water damage and a deteriorating condition of interior ceiling materials in a second-floor bedroom. The removal of mould contaminated building materials should be conducted using the guideline documents noted in this Section.

## 5.16 Other Substances

No other special attention substances (such as acrylonitrile or isocyanates) were suspected to be present at the Phase One property at the time of site reconnaissance.

## 5.17 Processing and Manufacturing Operations

No processing or manufacturing operations were observed at the Phase One property.

## 5.18 Hazardous Materials Use and Storage

No hazardous materials are used or stored at the Phase One property.

## 5.19 Vehicle and Equipment Maintenance Areas

No vehicle or equipment maintenance was observed at the Phase One property.

## 5.20 Oil/Water Separators and Sumps

No oil/water separators were observed at the Phase One property. A sump pit and pump was observed in the basement of the building. The water in the sump pit was clean and no sheen or discolouration was observed. There are no environmental concerns regarding the sump pit.

## 5.21 Sewage and Wastewater Disposal

Sewage and wastewater generated at the Phase One property are disposed of via the municipal system.

## 5.22 Solid Waste Generation, Storage & Disposal

Solid wastes generated at the Phase One property are limited to household wastes and food wastes. This waste is managed by each individual tenant and no solid waste storage areas were observed. No environmental concerns pertaining to solid waste generation were identified.

## 5.23 Liquid Waste Generation, Storage & Disposal

No liquid waste is generated or stored at the Phase One property.

## 5.24 Unidentified Substances

No unidentified substances were observed on the Phase One property at the time of the site visit. No dumping or any other deleterious materials were identified.

## 5.25 Hydraulic Lift Equipment

No hydraulic lift equipment of concern was identified at the Phase One property.

## 5.26 Mechanical Equipment

No mechanical equipment of concern was present on the Phase One property.

## 5.27 Abandoned and Existing Wells

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

## 5.28 Roads, Parking Facilities and Right of Ways

Vehicular access is via St. Pierre Street on the east side of the Phase One property. The asphalted area on the northern section is used for vehicular parking.

There is a right of way located to the adjacent west of the Phase One property which is used for access to the church parking area to the southwest from Rocque Street to the northwest.

## 5.29 Adjacent and Surrounding Properties

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

The following land uses border the Phase One property:

- North: Residential properties;
- West: Vacant landscaped area (part of church property) followed by Bilberry Creek.
- East: Residential properties and a garage building with two overhead doors; and
- South: Residential properties.

A garage building with overhead doors was visible at 1115 St. Pierre Street, located 55 m to the east of the Phase One property. Vehicles in the vicinity of the building were labelled with Diotte Electric. Based on the city directory search (see Section 3.6.10), Comvac Repair Centre operated at this property from 1997 – 2017 as a vacuum repair and general contracting company. Based on the inherent nature of these current and past operations, this does not represent a PCA to the Phase One property.

A former automotive garage was located 220 m southeast of the Phase One property at 2834 St. Joseph Boulevard from the 1940s to 1970s according to a historical road sign that was observed during the site visit (**PCA 3**: PCA#52 Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems).

A former automotive garage was located 210 m southeast of the Phase One property at 2851 St. Joseph Boulevard from the 1940s to 1950s according to a historical road sign that was observed during the site visit (**PCA 4**: PCA#52 Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems).

## 5.30 Enhanced Investigation Property

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

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

## 5.31 Summary and Written Description of Investigation

Based on the findings of the investigation, four PCAs have been identified in the Phase One study area that do not represent APECs based on large intervening distance and/or location downgradient in relation to the Phase One property:

- **PCA 1** (PCA#52 Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems) – former automotive repair garage located 125 m southeast of the Phase One property at 2817 – 2821 St. Joseph Boulevard.

- **PCA 2** (PCA#Other - Spills) – historic hydraulic oil and diesel fuel leaks 190 m northwest of the Phase One property at 1226 Orleans Place Drive.
- **PCA 3 (**PCA#52 Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems) - former automotive repair garage located 220 m southeast of the Phase One property at 2834 St. Joseph Boulevard.
- **PCA 4 (**PCA#52 Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems) - former automotive repair garage located 210 m southeast of the Phase One property at 2851 St. Joseph Boulevard.

# 6 Review and Evaluation of Information

## 6.1 Current and Past Uses

Based on a review of historical aerial photographs, historical maps, and other records, it appears that the Phase One property was developed prior to 1958 with a residential building.

## 6.2 Potentially Contaminating Activity

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

No PCA's were identified on the Phase One property but the following PCAs were identified in the Phase One study area:

- **PCA 1** (PCA#52 Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems) – former automotive repair garage located 125 m southeast of the Phase One property at 2817 – 2821 St. Joseph Boulevard.
- **PCA 2** (PCA#Other - Spills) – historic hydraulic oil and diesel fuel leaks 190 m northwest of the Phase One property at 1226 Orleans Place Drive.
- **PCA 3 (**PCA#52 Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems) - former automotive repair garage located 220 m southeast of the Phase One property at 2834 St. Joseph Boulevard.
- **PCA 4 (**PCA#52 Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems) - former automotive repair garage located 210 m southeast of the Phase One property at 2851 St. Joseph Boulevard.

## 6.3 Areas of Potential Environmental Concern

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

## 6.4 Phase One Conceptual Site Model

To develop a conceptual model for the Phase One property, the following physical characteristics and pathways were considered. A conceptual site model (CSM) showing the topography of the site, inferred groundwater flow, general site features, and PCAs is shown in Figure3.

### 6.4.1 Buildings and Structures

A two-storey, multi-tenant residential building is present on the Phase One property along with a small storage shed. The building has a concrete block foundation with partially finished basement and heated using natural gas.

### 6.4.2 Water Bodies and Groundwater Flow Direction

The closest bodies of water are Bilberry Creek located 80 m west and the Ottawa River located approximately 2 km to the north. Based on these factors, the regional groundwater flow direction is inferred to be in the northern direction.

### 6.4.3 Areas of Natural Significance

There are no ANSI within the Phase One study area.

### 6.4.4 Water Wells

Several records for previous potable water wells drilled in the 1950s and 1960s were identified in the Phase One study area including along St. Pierre Street to the north and south.

Generally, the overburden consists of blue clay over limestone bedrock at 4.5 – 6.7 metres below grade.

No recent domestic water wells were identified in the Phase One study area. The potable water in the area is serviced by the City of Ottawa.

### 6.4.5 Potentially Contaminating Activity

No PCAs were identified on the Phase One property and four PCAs were identified in the Phase One study area.

| EXP PCA # | Location of PCA | Potentially Contaminating Activity (PCA) | Description | Environmental Concern to Site (Yes/No) & Rationale |
|---|---|---|---|---|
| **PCA 1** | 2817 – 2821 St. Joseph Boulevard (125 m southeast) | PCA#52 Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems | Former auto repair garage in operation during at least the 1990s. | Due to the large intervening distance to the Phase One property, this PCA does not contribute to an APEC. |
| **PCA 2** | 1226 Orleans Place Drive (190 m northwest) | PCA #Other – Spills | Several fuel and hydraulic fluid spills during the 2000s and 2010s | Due to down/cross gradient location in relation to the Phase One property and large intervening distance, this PCA does not contribute to an APEC. |
| **PCA 3** | 2834 St. Joseph Boulevard (220 m southeast) | PCA#52 Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems | Former auto repair garage in operation in the 1940s to 1970s. | Due to the large intervening distance, this PCA does not contribute to an APEC. |
| **PCA 4** | 2851 St. Joseph Boulevard (220 m southeast) | PCA#52 Storage, maintenance, fuelling and repair of equipment, vehicles, and material used to maintain transportation systems | Former auto repair garage in operation in the 1940s to 1950s. | Due to the large intervening distance, this PCA does not contribute to an APEC. |

None of the above APECs are considered to contribute to APECs on the Phase One property.

### 6.4.6 Areas of Potential Environmental Concern

No APECs were identified on the Phase One property.

### 6.4.7 Underground Utilities

The Phase One property is serviced by buried municipal sewage, water and natural gas systems, and overhead electricity and communication lines. The heating on the Phase One property is provided via natural gas.

### 6.4.8 Subsurface Stratigraphy

The bedrock in the general area is part of the Oxford Formation and is composed of limestone and dolomite. With respect to surficial geology, beneath any fill, the Phase One property is underlain by fine-textured glaciomarine deposits of clay and silt.

The local topography of the Site relatively flat, while the area has a slight slope down to the north.

### 6.4.9 Uncertainty Analysis

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

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

# 7 Conclusions

Based on the Phase One ESA at the property located at 1132 St. Pierre Street., no on-site PCAs were identified. However, a total of four off-site PCAs were identified for the Phase One property. None of the PCAs were determined to contribute to APECs on the Phase One property.

The Qualified Person who oversaw this work, Chris Kimmerly, P.Geo., does not recommend any additional environmental investigation at this time.

If it is anticipated that excess soil may be generated during site development, a Soil Characterization Report will be required as per Ontario Regulation 406/19 – On site and Excess Soil Management.

Since the buildings on the Phase One property are proposed to be demolished during site redevelopment, a Designated Substance Survey is required as per Ontario Regulation 490/09 prior to the disturbance of any building materials.

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

# 8 References


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- Intera Technologies Ltd., *Mapping and Assessment of Former Industrial Sites – City of Ottawa*, July 1988.
- Golder Associated Ltd., *Old Landfill Management Strategy, Phase 1, Identification of Sites, City of Ottawa, Ontario*, 2004.

# 9 Limitation of Liability, Scope of Report, and Third Party Reliance

## Basis of Report

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

## Reliance on Information Provided

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

## Standard of Care

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

## Complete Report

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

## Use of Report

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

## Report Format

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

# 10 Signatures

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

Scott Lessard, B.Sc.
Environmental Scientist
Earth and Environment

Chris Kimmerly, P.Geo. QP$_{ESA}$
Manager - Senior Geoscientist
Earth and Environment

# Appendix A: Qualifications of Assessors

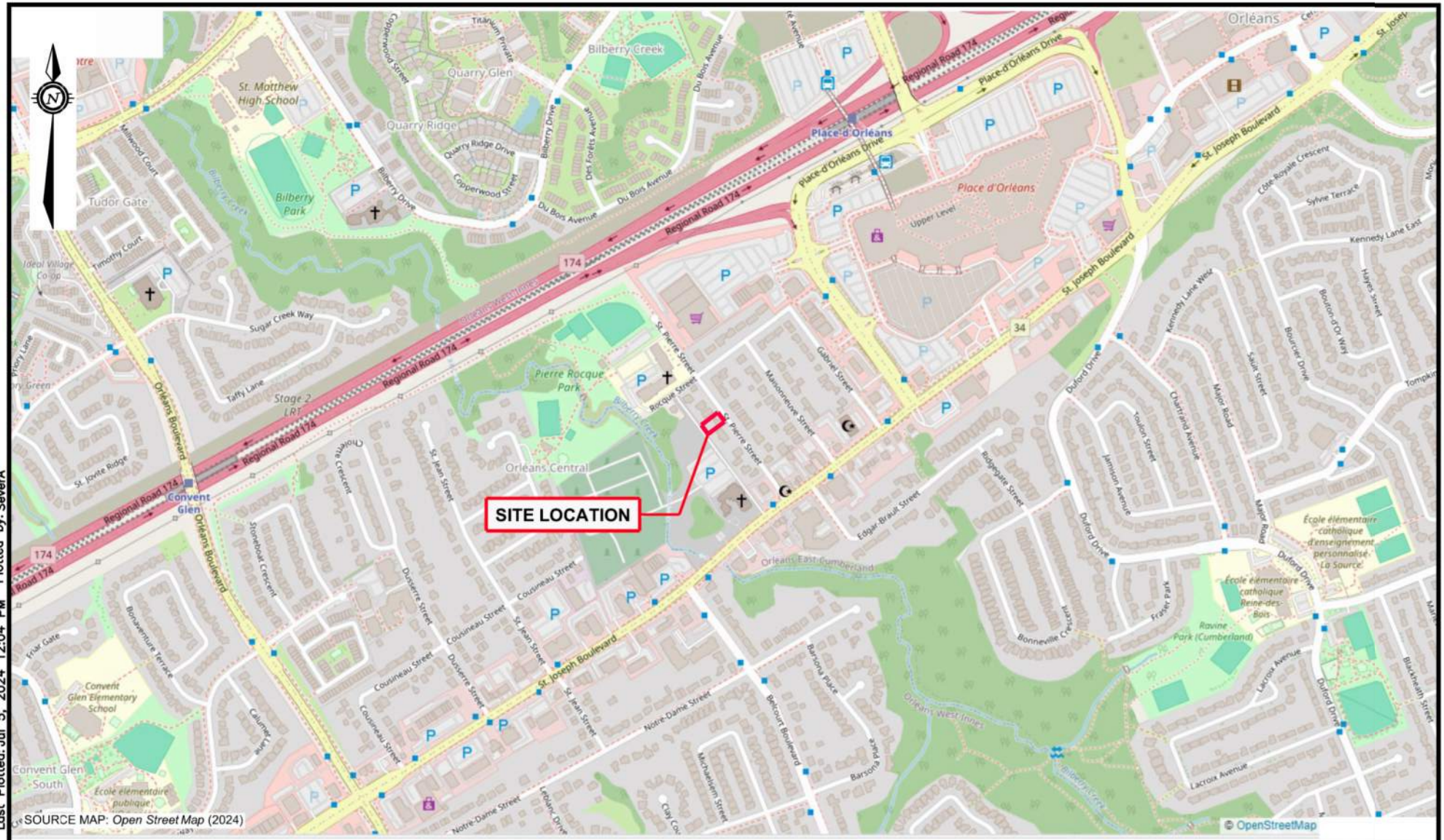
# Qualifications of Assessors

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

**Scott Lessard,** B.Sc., is a Project Manager with 8 years of experience in the environmental consulting field. A graduate of Concordia University in Environmental Science, his technical undertakings have included: project coordination; Phase I and II Environmental Site Assessments; contaminated site investigations including drilling supervision, environmental sampling and data evaluation including Designated Substance Surveys; proposal preparation, client liaison and technical report preparation.

**Chris Kimmerly, M.Sc., P.Geo**., has more than 31 years of environmental consulting experience, 30 of which have been with EXP. A graduate of Brock University with a Master of Science Degree in Geological Science, His technical experience includes managing, coordinating, and conducting environmental site assessments; groundwater sampling programs; soil and groundwater remedial action and risk mitigation plans; mineral aggregate assessments; hydrogeological and terrain analysis assessments; designated substances and hazardous materials surveys. Mr. Kimmerly is a Qualified Person for completing Phase One and Two Environmental Site Assessments as per O.Reg. 153/04.

# Appendix B: Figures




## LEGEND

APPROXIMATE SITE BOUNDARY

0 100m 200m 400m

HORIZONTAL 1:10,000


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


| | | | |
|---|---|---|---|
| DATE: JULY 2024 | CLIENT: PULSE SOCIETIES LTD. | | project no. OTT-23014181-F0 |
| DESIGN: SL / CHECKED: SL | PROPERTY ADDRESS: 1132 ST. PIERRE STREET, OTTAWA, ONTARIO | | scale 1:10,000 |
| DRAWN BY: AS | PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT | | |
| | TITLE: SITE LOCATION PLAN | | FIG 1 |

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Last Saved: Jul 5, 2024 12:03 PM Last Plotted: Jul 5, 2024 12:04 PM Plotted by: SeverA


## LEGEND

PROPERTY BOUNDARY

0 4m 8m 16m

HORIZONTAL 1:400

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

| | | |
|---|---|---|
| DATE: JULY 2024 | CLIENT: PULSE SOCIETIES LTD. | project no. OTT-23014181-F0 |
| DESIGN: SL / CHECKED: SL | PROPERTY ADDRESS: 1132 ST. PIERRE STREET, OTTAWA, ONTARIO<br>PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT | scale 1:400 |
| DRAWN BY: AS | TITLE: PHASE ONE PROPERTY - SITE LAYOUT | FIG 2 |

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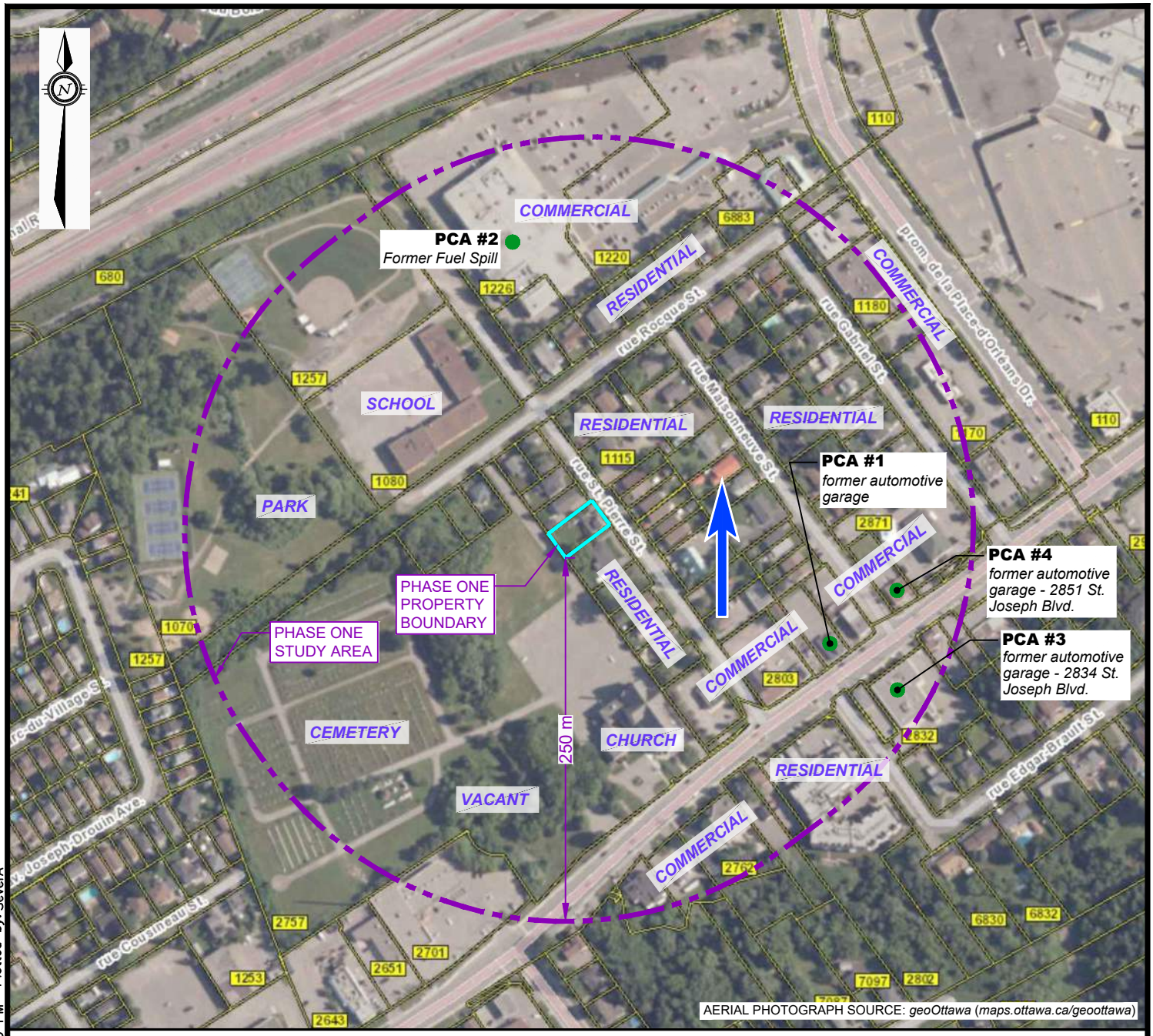


## LEGEND

- PROPERTY BOUNDARY
- STUDY AREA (250m)
- INFERRED GROUNDWATER FLOW DIRECTION
- **PCA #2** POTENTIALLY CONTAMINATING ACTIVITY (PCA) RESULTING IN AN AREA OF POTENTIAL ENVIRONMENTAL CONCERN (APEC)
- **PCA #1** POTENTIALLY CONTAMINATING ACTIVITY (PCA) NOT RESULTING IN AN AREA OF POTENTIAL ENVIRONMENTAL CONCERN (APEC)

0 40m 80m 160m

HORIZONTAL 1:4,000


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


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|---|---|---|
| DATE: JULY 2024 | CLIENT: PULSE SOCIETIES LTD. | project no. OTT-23014181-F0 |
| DESIGN: SL / CHECKED: SL | PROPERTY ADDRESS: 1132 ST. PIERRE STREET, OTTAWA, ONTARIO | |
| DRAWN BY: AS | PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT | scale 1:4,000 |
| | TITLE: PHASE ONE CONCEPTUAL SITE MODEL | FIG 3 |


Filename: E:\OTT\OTT-23014181-F0\60 Execution\65 Drawings\OTT-23014181-F0_Ph-1_1132-St-Pierre-St.dwg
Last Saved: Jul 11, 2024 1:42 PM Last Plotted: Jul 11, 2024 1:46 PM Plotted by: SeverA

# Appendix C: Municipal and Provincial Records

# CITY DIRECTORY

| | |
|---|---|
| **Project Property:** | *Phase One ESA*<br>*1132 St Pierre Street*<br>*Ottawa,ON K1C 1L5* |
| **Project No:** | *OTT-23014181-A0_Scott Lessard* |
| **Requested By:** | *exp Services Inc.* |
| **Order No:** | *24062101468* |
| **Date Completed:** | *June 28, 2024* |

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

June 28, 2024
RE: CITY DIRECTORY RESEARCH
1132 St Pierre Street
Ottawa,ON K1C 1L5

Thank you for contacting ERIS regarding our City Directory Search services. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. When searching a range of addresses, all civic addresses within that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on highly developed areas, while newly developed areas may be covered in the more recent years, older directories tend to cover only "central" parts of the city. To complete the search, we have either utilized the Toronto Reference Library, Library & Archives Canada and multiple digitized directories. While these do not claim to be a complete collection of all reverse listing city directories produced, ERIS has made every effort to provide accurate and complete information. ERIS shall not be held liable for missing, incomplete, or inaccurate information. If you believe there are additional addresses or streets that require searching, please contact us.

**Search Criteria:**

2757-2817 Odd of St Joseph Boulevard

1100-1165 of St Pierre Street

**Search Notes:**

Orleans in Ottawa, Ontario is last listed in 1991.

## Search Results Summary

**Data from 2012 to 2021 does not include residential information**

| Date | Source | Comment |
|---|---|---|
| 2021 | DIGITAL BUSINESS DIRECTORY | |
| 2017 | DIGITAL BUSINESS DIRECTORY | |
| 2012 | DIGITAL BUSINESS DIRECTORY | |
| 2006-07 | VERNONS | |
| 2000 | POLKS | |
| 1997 | POLKS | |
| 1994 | POLKS | |
| 1991 | MIGHTS | |

## 2021 ST JOSEPH BOULEVARD

*SOURCE: DIGITAL BUSINESS DIRECTORY*

2757 **PAROISSE ST-JOSEPH**...*CHURCHES*
2757 **ST VINCENT DE PAUL SOCIETY**...*NON-PROFIT ORGANIZATIONS*
2795 **SPEEDY GLASS**...*GLASS-AUTO PLATE & WINDOW & ETC*
2813 **LYNN'S HAIR DESIGN**...*BEAUTY SALONS*
2817 **LUNCH BOX**...*FOODS-CARRY OUT*

## 2021 ST PIERRE STREET

*SOURCE: DIGITAL BUSINESS DIRECTORY*

1159 **ORLEANS SIGN**...*TILE-CERAMIC-CONTRACTORS & DEALERS*

## 2017 ST JOSEPH BOULEVARD

*SOURCE: DIGITAL BUSINESS DIRECTORY*

2757 **PAROISSE ST-JOSEPH**...*RELIGIOUS ORGANIZATION*
2757 **SOCIETY OF ST VINCENT DE PAUL**...*BUSINESS ASSOCIATIONS*
2757 **ST VINCENT DE PAUL SOCIETY**...*HUMAN RIGHTS ORGANIZATIONS*
2757 **ST-JOSEPH CHURCH**...*RELIGIOUS ORGANIZATION*
2795 **KFC**...*LIMITEDSERVICE RESTAURANTS*
2803 **GLAND SUPERMARKET**...*SUPERMARKETS & OTHER GROCERY STORES*
2803 **LETTY INTERNATIONAL SPRMRKT**...*SUPERMARKETS & OTHER GROCERY STORES*
2803 **ULTIMATE HEATING COOLING**...*PLUMBING & HVAC CONTRS*
2807 **AVIS RENT A CAR**...*TRUCK, TRAILER, & RV RENTAL & LEASING*
2807 **BUDGET CAR TRUCK RENTAL**...*PASSENGER CARS RENTAL*
2807 **BUDGET LOCATION D'AUTOS**...*PASSENGER CARS RENTAL*
2813 **LYNN'S HAIR DESIGN**...*BEAUTY SALONS*
2817 **SACRED ART CUSTOM TATTOO**...*ALL OTHER PERSONAL SVCS*

## 2017 ST PIERRE STREET

*SOURCE: DIGITAL BUSINESS DIRECTORY*

1115 **COMVAC REPAIR CTR**...*SERVICE ESTABLISHMENT EQUIP MERCHANT WHOLS*
1145 **A TO Z DAYCARE**...*CHILD DAY CARE SVCS*
1162 **KINSLEY MARINE**...*UNCLASSIFIED*

## 2012 ST JOSEPH BOULEVARD

*SOURCE: DIGITAL BUSINESS DIRECTORY*

2757 **ST-JOSEPH CHURCH**...*RELIGIOUS ORGANIZATION*
2757 **ST-VINCENT DE PAUL**...*BUSINESS ASSOCIATIONS*
2795 **KFC**...*FULL-SERVICE RESTAURANTS*
2803 **LETTY INTERNATIONAL SPRMRKT**...*SUPERMARKETS & OTHER GROCERY STORES*
2807 **AVIS RENT A CAR**...*PASSENGER CARS RENTAL*
2813 **LYNN'S HAIR DESIGN**...*BEAUTY SALONS*
2813 **SERINITY SALON**...*BEAUTY SALONS*
2817 **CENTURY GIFTS & COLLECTEBLE**...*GIFT, NOVELTY, & SOUVENIR STORES*
2817 **ORLEANS NATURAL HEALTH**...*OTHER PERSONAL CARE SVCS*
2817 **SACRED ART TATTOOS-BODY PRCNG**...*ALL OTHER PERSONAL SVCS*

## 2012 ST PIERRE STREET

*SOURCE: DIGITAL BUSINESS DIRECTORY*

1115 **COMVAC REPAIR CTR**...*SERVICE ESTABLISHMENT EQUIP MERCHANT WHOLS*
1145 **A TO Z DAYCARE**...*CHILD DAY CARE SVCS*
1162 **KINSLEY MARINE**...*UNCLASSIFIED*

## 2006-07 ST JOSEPH BOULEVARD

*SOURCE: VERNONS*

| | |
|---|---|
| 2757 | **ALL RESIDENTIAL** |
| 2757 | **PAROISSES CATHOLIQUES ROMAINES** |
| 2757 | **ST-VINCENT DE PAUL** |
| 2795 | **KFC** |
| 2805 | **IP H** |
| 2807 | **GEORGE & SONS UPHOLSTERY** |
| 2813 | **LYNN'S HAIR DESIGN** |
| 2817 | **ORLEANS NATURAL HEALTH THERAPEUTIC CENTER** |

## 2006-07 ST PIERRE STREET

*SOURCE: VERNONS*

| | |
|---|---|
| 1115 | **COMVAC REPAIR CENTRE** |
| 1145 | **A TO Z DAYCARE** |
| | **ALL RESIDENTIAL** |

## 2000 ST JOSEPH BOULEVARD

*SOURCE: POLKS*

2757 **PAROISSES CATHOLIQUES ROMAINES**
2757 **ST-VINCENT DE PAUL**
2795 **KFC**
2803 **LU'S TAE KWON-DO DOJANG**
2807 **GEORGE & SONS UPHOLSTERY**
2813 **CENTURY GIFTS & COLLECTEBLE**
2817 **CLASSY NAILS DESIGN**
**ALL RESIDENTIAL**

## 2000 ST PIERRE STREET

*SOURCE: POLKS*

1115 **COMVAC REPAIR CENTRE**
1145 **A TO Z DAYCARE**
**ALL RESIDENTIAL**

## 1997 ST JOSEPH BOULEVARD

*SOURCE: POLKS*

2757 **ST-JOSEPH**
2757 **ST-VINCENT DE PAUL**
2795 **KFC-KENTUCKY FRIED CHICKEN**
2803 **NEIGHBOURHOOD SERVICES**
2813 **WHITE WOLF TATTOOING**
**ALL RESIDENTIAL**

## 1997 ST PIERRE STREET

*SOURCE: POLKS*

1115 **COMVAC REPAIR CENTRE**
1145 **A TO Z DAYCARE**
**ALL RESIDENTIAL**

## 1994 ST JOSEPH BOULEVARD

*SOURCE: POLKS*

| | |
|---|---|
| 2757 | **ST JOSEPH D'ORLEANS CHURCH** |
| 2795 | **KENTUCKY FRIED CHICKEN** |
| 2803 | **FORGET ME NOTS ANTIQUES** |
| 2807 | **CREATIONS DANIEL** |
| 2813 | **MOM'S & BABES** |
| 2817 | **DEJA NEW** |

## 1994 ST PIERRE STREET

*SOURCE: POLKS*

| | |
|---|---|
| 1145 | **A TO Z DAYCARE** |
| 1159 | **MOBILE WORKSHOP GENERAL CONTRACTORS** |
| | **ALL RESIDENTIAL** |

## 1991 ST JOSEPH BOULEVARD

*SOURCE: MIGHTS*

| | |
|---|---|
| 2757 | **ST JOSEPH D'ORLEANS CHURCH** |
| 2795 | **KENTUCKY FRIED CHICKEN** |
| 2803 | **FORGET ME NOT ANTIQUES** |
| 2813 | **SIMON DISTRIBUTION** |
| 2817-2821 | **B & R GARAGE** |
| 2817-2821 | **MY WAY TAXI BETA TAXI** |

## 1991 ST PIERRE STREET

*SOURCE: MIGHTS*

| | |
|---|---|
| 1145 | **A TO Z DAYCARE** |
| 1159 | **MOBILE WORKSHOP GENERAL CONTRACTORS** |
| | **ALL RESIDENTIAL** |

File Number: D06-03-24-0076

July 25, 2024

Momin Malek
Exp

*Sent via email Momin.Malek@exp.com*

Dear Momin Malek,

**Re: Information Request**
**1132 St. Pierre Street Ottawa, Ontario ("Subject Property")**

**Internal Department Circulation:**

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

- **Environmental Remediation Unit:** The Environmental Remediation Unit does not have any environmental records for this property.

- **Ottawa Public Health - Environmental Health:** all public inspection results are publicly available on the Ottawa Public Health website: https://www.ottawapublichealth.ca/en/public-health-services/public-health-inspections.aspx

- **Sewer Use Program:** The City's Sewer Use Program has not found any information pertaining to the subject property.

- **Solid Waste Services:** The subject property is not within 5 kilometers of any Solid Waste Services facilities

**Documents Provided:**

**HLUI Summary Report and HLUI Map**

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

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

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

**Ontario's Environmental Registry**

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

**The Ontario Land Registry Office**

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

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

**Ottawa Public Health**

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

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

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

**Furthermore, the HLUI database and the results of this search in no way confirm the presence or absence of contamination or pollution of any kind. This information is provided on the assumption that it will not be relied upon by any person for any purpose whatsoever. The City of Ottawa denies all liability to any persons attempting to rely on any information provided from the HLUI database.**

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

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

Sincerely,


## Jonathan Chan

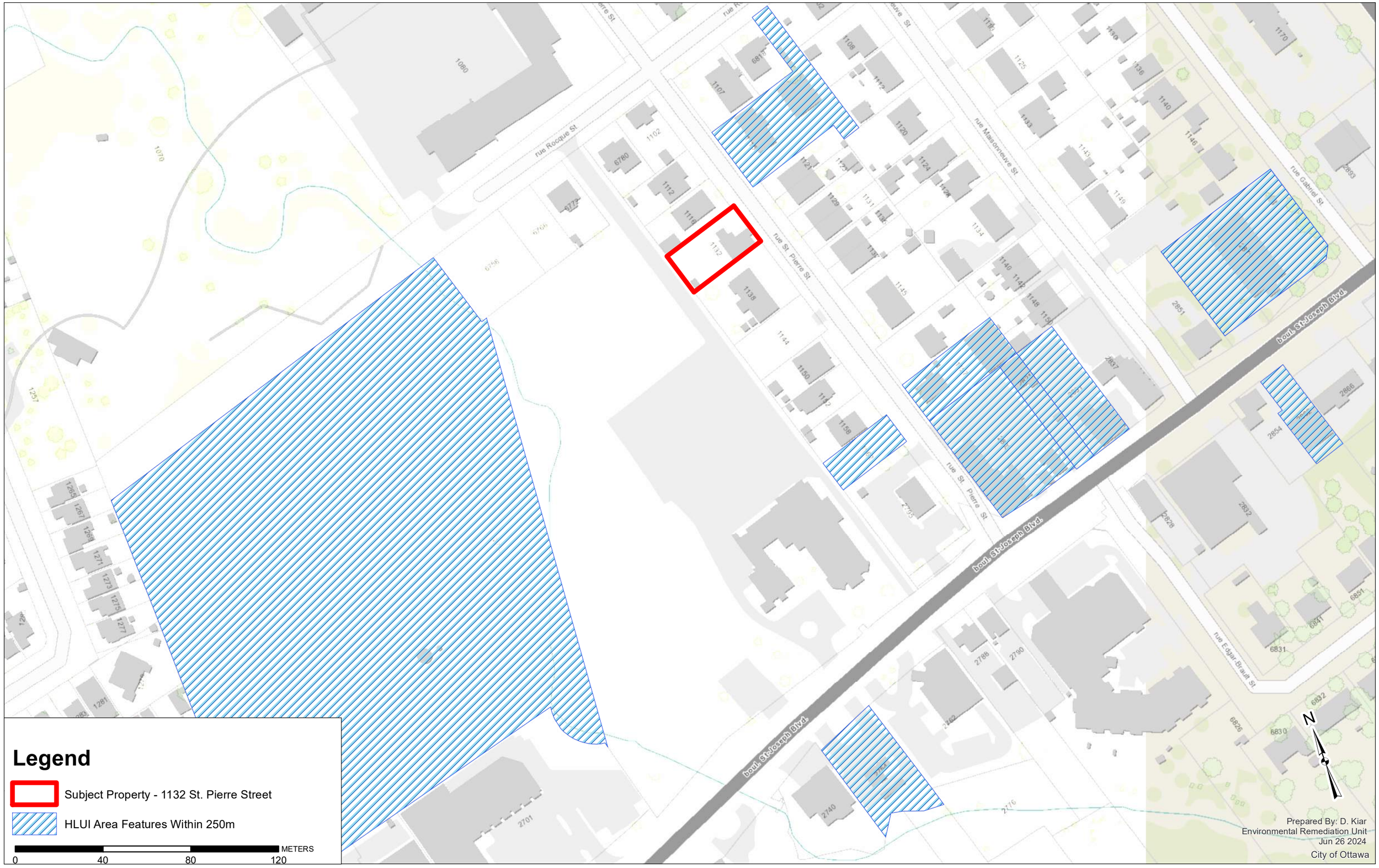
Student Planner
Development Review
Planning, Development and Building Services Department


Enclosures: (2)

1. HLUI Map
2. HLUI Summary Report

cc: File no. D06-03-24-0076

# HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP




## Legend

Subject Property - 1132 St. Pierre Street

HLUI Area Features Within 250m

METERS

0 40 80 120

N

Prepared By: D. Kiar
Environmental Remediation Unit
Jun 26 2024
City of Ottawa

HLUI SUMMARY REPORT
AREA FEATURES

| OBJECTID | ACTIVITY_NAME | FACILITY_TYPE | SOURCE_UPDATE_SORTED | QAQC | YEAR | YEAR_1 | ST_NUM | ST_NAME | ST_SUFFIX | ST_DIR | MUNICIPALITY | ST_NUM2017 | ST_NAME2017 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11189 | KINSLEY MARINE | Arts, entertainment and recreation | 2006-ES | 1 | | | 1162 | ST. PIERRE | ST | | | 1162 | ST. PIERRE |
| 11190 | OTTAWA VALLEY WINDOWS & DOORS | Manufacturing | 2006-ES | 1 | | | 2831 | ST. JOSEPH | BLVD | | | 2831 | ST. JOSEPH |
| 12205 | COMVAC REPAIR CENTRE | Electrical and Electronic Machinery, Equipment And Supplies, Wholesale | 2001-ES; 2006-ES | 1 | 2001 | c. 2001 | 1115 | ST PIERRE | ST | | ORLEANS | 1115 | ST PIERRE |
| 12206 | ORLEANS SIGN | Signs (Mfrs) | 2017-SalesGenie | 1 | 2017 | SalesGenie 2017 | | | | | ORLEANS | 1157 | ST PIERRE |
| 12207 | GEORGE & SON'S UPHOLSTERY | Reupholstery and Furniture Repair | 2005-SelectPhone; 2006-ES | 1 | 2005 | c. 2001; c. 2005 | 2807 | ST JOSEPH | BLVD | | | 2803 | ST JOSEPH |
| 12226 | BEAUTE ROYALE LTEE | Other Textile Products Industries | 2001-ES | 1 | 2001 | c. 2001 | 1190 | PLACE D'ORLEANS | DR | | ORLEANS | 1190 | PLACE D'ORLEANS |
| 13106 | CEMETARY | Cemetary | 1906-Topo; 1941-Topo; 1957-Topo; 1968-Topo; 1979-Topo | 1 | 1906-1979 | 1968 Topographic Map | | | | | | 2757 | ST JOSEPH |
| 13107 | SOULIGNY MACKENZIE & ROBERT FUNERAL HOME-SALON F | Funeral Services | 2000-PID; 2001-ES | 1 | 2000 | c. 2000; c. 2001; c. 2005 | 2871 | ST JOSEPH | BLVD | | CUMBERLAN | 2871 | ST JOSEPH |
| 13855 | HERITAGE FUNERAL HOME | Funeral Services | 2005-SelectPhone; 2006-ES; 2012-ES | 1 | 2005 | | 2871 | ST. JOSEPH | BLVD | | CUMBERLAN | 2871 | ST JOSEPH |
| 16180 | ORLEANS PROPANE CENTRE | Retail trade | 2001-ES; 2006-ES; 2012-ES | 1 | 2001-2012 | ES 2001; ES 2006; ES 2012 | 2754 | ST JOSEPH | BLVD | | | 2754 | ST JOSEPH |
| 16193 | ORLEANS MOTOR SALES | Automobile Repairing & Service | 2001-ES; 2005-SelectPhone; 2006-ES; 2012-ES; 2017-SalesGenie | 1 | 2001-2017 | c. 2001; c. 2005; ES 2001; ES 2006; ES 2012; SalesGenie 2017 | 2821 | ST JOSEPH | BLVD | | | 2821 | ST JOSEPH |
| 16195 | CHAMPLAIN CLEANERS | Laundries and Cleaners | 2000-PID; 2001-ES; 2006-ES | 1 | 2000-2006 | c. 2000; c. 2001; ES 2001; ES 2006 | 2864 | ST JOSEPH | BLVD | | ORLEANS | 2862 | ST JOSEPH |
| 17714 | UNNAMED SAND & GRAVEL PIT | Sand & Gravel Pit | 1963-Topo-31G05h | 1 | 1963 | | | PLACE D'ORLEANS | BLVD | | | 1226 | PLACE D'ORLEANS |

Prepared By: *D.Kiar*
*City of Ottawa*
Environmental Remediation Unit
7/30/2024

HLUI SUMMARY REPORT
AREA FEATURES

| OBJECTID | ACTIVITY_NAME | ST_SUFFIX2017 | ST_DIR2017 | POSTAL_CODE2017 | PIN2017 | MUNICIPALITY2017 | NAICS | SIC | COMMENTS | STORAGE_TANK | Shape_Length | Shape_Area |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11189 | KINSLEY MARINE | ST | | K1C1L5 | 44250089 | GLOUCESTER | 713930 | | | | 103.3393628 | 555.8286309 |
| 11190 | OTTAWA VALLEY WINDOWS & DOORS | BLVD | | K1C1G6 | 44250117 | GLOUCESTER | 321911 | | | | 157.4827 | 1179.101265 |
| 12205 | COMVAC REPAIR CENTRE | ST | | K1C1L4 | 44250102 | GLOUCESTER | 811210 | | | | 249.1931894 | 2030.595539 |
| 12206 | ORLEANS SIGN | ST | | K1C1L4 | 44250111 | GLOUCESTER | 33995008 | Feb-93 | | | 141.4077397 | 1025.608607 |
| 12207 | GEORGE & SON'S UPHOLSTERY | BLVD | | K1C1G6 | 44250113 | GLOUCESTER | 811420 | | | | 193.515086 | 2290.01985 |
| 12226 | BEAUTE ROYALE LTEE | DR | | K1C7K3 | 44250461 | GLOUCESTER | 322291 | | | | 147.6251856 | 1284.414336 |
| 13106 | CEMETARY | BLVD | | K1C1G4 | 44250156 | GLOUCESTER | | | | | 814.6188211 | 36809.14888 |
| 13107 | SOULIGNY MACKENZIE & ROBERT FUNERAL HOME-SALON F | BLVD | | K1C1G8 | 44250494 | GLOUCESTER | 812210; 812220 | | see air photo | | 218.6335258 | 2998.552062 |
| 13855 | HERITAGE FUNERAL HOME | BLVD | | | 44250494 | CUMBERLAND TOWNSHIP | | | | | 218.6335258 | 2998.552062 |
| 16180 | ORLEANS PROPANE CENTRE | BLVD | | K1C1G5 | 44201356 | GLOUCESTER | 447190 | | | | 171.4193054 | 1467.967353 |
| 16193 | ORLEANS MOTOR SALES | BLVD | | K1C1G6 | 44250112 | GLOUCESTER | 811111 | | | | 137.1583701 | 587.6710447 |
| 16195 | CHAMPLAIN CLEANERS | BLVD | | K1C1G7 | 44201345 | GLOUCESTER | 812320 | | | | 120.9972604 | 651.2872684 |
| 17714 | UNNAMED SAND & GRAVEL PIT | DR | | K1C7K3 | 44250273 | GLOUCESTER | | | | | 357.5839546 | 10012.68747 |

**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

June 22, 2024

Momin Malek
EXP Services Inc.
2650 Quennsview Drive
Ottawa, Ontario K2B 8H6
momin.malek@exp.com

Dear Momin Malek:

RE: **MECP FOI A-2024-04146 / Your Reference OTT-23014181-A0 – 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:**

**1132 St. Pierre Street, Ottawa**
**Timeframe: January 1, 1900 to June 21, 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 Louise Gagnon at 416-566-7682 or louise.gagnon@ontario.ca.

Yours truly,
MECP Access and Privacy Office

# Appendix D: EcoLog ERIS Report

# DATABASE REPORT

| | |
|---|---|
| **Project Property:** | *Phase One ESA*<br>*1132 St Pierre Street*<br>*Ottawa ON K1C 1L5* |
| **Project No:** | *OTT-23014181-A0_Scott Lessard* |
| **Report Type:** | *Standard Report* |
| **Order No:** | *24062101468* |
| **Requested by:** | *exp Services Inc.* |
| **Date Completed:** | *June 24, 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 One ESA*<br>*1132 St Pierre Street  Ottawa ON K1C 1L5* |
| **Project No:** | *OTT-23014181-A0_Scott Lessard* |

**Coordinates:**

| | |
|---|---|
| **Latitude:** | *45.4746151* |
| **Longitude:** | *-75.5222043* |
| **UTM Northing:** | *5,035,808.93* |
| **UTM Easting:** | *459,183.53* |
| **UTM Zone:** | *18T* |

| | |
|---|---|
| **Elevation:** | *203 FT*<br>*61.88 M* |

***Order Information:***

| | |
|---|---|
| **Order No:** | *24062101468* |
| **Date Requested:** | *June 21, 2024* |
| **Requested by:** | *exp Services Inc.* |
| **Report Type:** | *Standard Report* |

***Historical/Products:***

| | |
|---|---|
| **City Directory Search** | *Smart CD Search* |
| **ERIS Xplorer** | *ERIS Xplorer* |

# Executive Summary: Report Summary

| Database | Name | Searched | Project Property | Within 0.20 km | Total |
|---|---|---|---|---|---|
| AAGR | Abandoned Aggregate Inventory | Y | 0 | 0 | 0 |
| AGR | Aggregate Inventory | Y | 0 | 0 | 0 |
| AMIS | Abandoned Mine Information System | Y | 0 | 0 | 0 |
| ANDR | Anderson's Waste Disposal Sites | Y | 0 | 0 | 0 |
| AST | Aboveground Storage Tanks | Y | 0 | 0 | 0 |
| AUWR | Automobile Wrecking & Supplies | Y | 0 | 0 | 0 |
| BORE | Borehole | Y | 0 | 2 | 2 |
| CA | Certificates of Approval | Y | 0 | 6 | 6 |
| 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 | 0 | 0 |
| EEM | Environmental Effects Monitoring | Y | 0 | 0 | 0 |
| EHS | ERIS Historical Searches | Y | 0 | 13 | 13 |
| 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 | 14 | 14 |
| GHG | Greenhouse Gas Emissions from Large Facilities | Y | 0 | 0 | 0 |
| HINC | TSSA Historic Incidents | Y | 0 | 0 | 0 |
| IAFT | Indian & Northern Affairs Fuel Tanks | Y | 0 | 0 | 0 |

| Database | Name | Searched | Project Property | Within 0.20 km | Total |
|---|---|---|---|---|---|
| INC | Fuel Oil Spills and Leaks | Y | 0 | 0 | 0 |
| LIMO | Landfill Inventory Management Ontario | Y | 0 | 0 | 0 |
| MINE | Canadian Mine Locations | Y | 0 | 0 | 0 |
| MNR | Mineral Occurrences | Y | 0 | 0 | 0 |
| NATE | National Analysis of Trends in Emergencies System (NATES) | Y | 0 | 0 | 0 |
| NCPL | Non-Compliance Reports | Y | 0 | 0 | 0 |
| NDFT | National Defense & Canadian Forces Fuel Tanks | Y | 0 | 0 | 0 |
| NDSP | National Defense & Canadian Forces Spills | Y | 0 | 0 | 0 |
| NDWD | National Defence & Canadian Forces Waste Disposal Sites | Y | 0 | 0 | 0 |
| NEBI | National Energy Board Pipeline Incidents | Y | 0 | 0 | 0 |
| NEBP | National Energy Board Wells | Y | 0 | 0 | 0 |
| NEES | National Environmental Emergencies System (NEES) | Y | 0 | 0 | 0 |
| NPCB | National PCB Inventory | Y | 0 | 0 | 0 |
| NPR2 | National Pollutant Release Inventory 1993-2020 | 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 | 3 | 3 |
| PFCH | NPRI Reporters - PFAS Substances | Y | 0 | 0 | 0 |
| PFHA | Potential PFAS Handlers from NPRI | Y | 0 | 0 | 0 |
| PINC | Pipeline Incidents | 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 | 13 | 13 |
| SRDS | Wastewater Discharger Registration Database | Y | 0 | 0 | 0 |
| TANK | Anderson's Storage Tanks | Y | 0 | 0 | 0 |
| TCFT | Transport Canada Fuel Storage Tanks | Y | 0 | 0 | 0 |
| VAR | Variances for Abandonment of Underground Storage Tanks | Y | 0 | 0 | 0 |
| WDS | Waste Disposal Sites - MOE CA Inventory | Y | 0 | 0 | 0 |
| WDSH | Waste Disposal Sites - MOE 1991 Historical Approval Inventory | Y | 0 | 0 | 0 |
| WWIS | Water Well Information System | Y | 0 | 11 | 11 |

| Database | Name | Searched | Project Property | Within 0.20 km | Total |
|---|---|---|---|---|---|
| **Total:** | | | 0 | 63 | 63 |

# 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 | WWIS | | lot 2 con 1<br>ON<br>***Well ID:*** 1500624 | E/67.5 | 2.05 | 23 |
| 2 | WWIS | | lot 2 con 1<br>ON<br>***Well ID:*** 1500616 | NW/75.6 | -0.67 | 25 |
| 3 | CA | FIRST CITY SHOPPING CENTRE GROUP | PIERRE ST./ROCQUE ST.<br>GLOUCESTER CITY ON | NNW/83.8 | -0.31 | 28 |
| 3 | CA | ORLEANS TOWN CENTRE INC. | ST. PIERRE ST./ROCQUE ST.<br>GLOUCESTER CITY ON | NNW/83.8 | -0.31 | 28 |
| 3 | CA | FIRST CITY SHOPPING CENTRE GROUP | PIERRE ST./ROCQUE ST./KING RD.<br>GLOUCESTER CITY ON | NNW/83.8 | -0.31 | 28 |
| 4 | EHS | | 6758 And 6766 Rocque<br>Ottawa ON | W/92.2 | -1.27 | 29 |
| 5 | BORE | | ON | NNW/96.1 | -0.31 | 29 |
| 6 | WWIS | | lot 2 con 1<br>ON<br>***Well ID:*** 1500623 | NW/101.0 | -1.03 | 30 |
| 7 | SPL | Enbridge Gas Distribution Inc. | 1087 St. Pierre St, Embraun<br>Ottawa ON | NNW/106.7 | -0.31 | 33 |
| 8 | WWIS | | lot 2 con 1<br>ON<br>***Well ID:*** 1500625 | SE/109.1 | 0.97 | 34 |
| 9 | GEN | CONSEIL SCOLAIRE DE LANGUE FRANCAILSE | PRESEAULT 1080 RUE SAINT PIERRE<br>ORLEANS ON K1C 1L3 | WNW/114.4 | -1.31 | 36 |
| 9 | GEN | CONSEIL DES ECOLES CATHOLIQUES DE LANGUE | PRESEAULT 1080 RUE SAINT PIERRE<br>ORLEANS ON K1C 1L3 | WNW/114.4 | -1.31 | 37 |

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev Diff (m) | Page Number |
|---|---|---|---|---|---|---|
| 9 | EHS | | 1080 St Pierre St<br>Ottawa ON | WNW/114.4 | -1.31 | 37 |
| 10 | GEN | PromoGolfBall | 1159 St-Pierre<br>Orleans ON K1C 1L4 | ESE/122.4 | 3.00 | 37 |
| 11 | SPL | SCHOOL | DEAD END OF ST. PIERRE ST. AT ECOLE PRESAULT.<br>GLOUCESTER CITY ON | NW/136.3 | -1.01 | 38 |
| 12 | EHS | | 1085 and 1080 St. Pierre Street<br>Ottawa ON | WNW/141.7 | -2.03 | 39 |
| 13 | CA | SCOTT'S HOSPITALITY INC. | 2795 ST. JOSEPH'S BLVD.<br>GLOUCESTER CITY ON | SE/147.0 | 0.84 | 39 |
| 13 | CA | SCOTT'S HOSPITALITY INC. | 2795 ST. JOSEPH'S BLVD.<br>GLOUCESTER CITY ON | SE/147.0 | 0.84 | 39 |
| 13 | EHS | | 2795 St. Josephs Blvd<br>Orleans ON | SE/147.0 | 0.84 | 39 |
| 13 | EHS | | A2795 ST JOSEPHS BD<br>ORLEANS ON | SE/147.0 | 0.84 | 40 |
| 13 | EHS | | 2795 St joseph Blvd<br>Orleans ON K1C 1G4 | SE/147.0 | 0.84 | 40 |
| 13 | EHS | | 2795 St. Joseph Blvd.<br>Orleans ON K1C 1G4 | SE/147.0 | 0.84 | 40 |
| 13 | SPL | City of Ottawa | 2795 St Josephs<br>Ottawa ON | SE/147.0 | 0.84 | 40 |
| 13 | EHS | | 2795 St. Josephs Boulevard<br>Orleans ON | SE/147.0 | 0.84 | 41 |
| 13 | EHS | | 2795 St Joseph Blvd<br>Orléans ON K1C 1G4 | SE/147.0 | 0.84 | 41 |

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev Diff (m) | Page Number |
|---|---|---|---|---|---|---|
| 14 | EHS | | 6870 Rocque Street<br>Orléans ON K1C 1A5 | NE/167.2 | 3.03 | 41 |
| 15 | BORE | | ON | ESE/172.7 | 1.95 | 42 |
| 16 | EHS | | 6870 & 6880 Rocque St, and 1113 Maisonneuve St<br>Orléans ON K1C 1K9 | NE/174.4 | 3.03 | 43 |
| 17 | WWIS | | lot 2 con 1<br>ON<br>***Well ID:*** 1500621 | SE/178.2 | 0.80 | 43 |
| 18 | WWIS | | lot 2 con 1<br>ON<br>***Well ID:*** 1500619 | ESE/180.4 | 3.27 | 46 |
| 19 | WWIS | | lot 2 con 1<br>ON<br>***Well ID:*** 1500606 | NNW/185.1 | -1.69 | 49 |
| 20 | SPL | TRANSPORT TRUCK | LOBLAWS, 1226 D'ORLEANS DR.<br>MOTOR VEHICLE (OPERATING FLUID)<br>OTTAWA CITY ON K1C 7K3 | NNW/189.3 | -1.69 | 51 |
| 20 | SPL | PRIVATE OWNER | 1226 PLACE ORLEANS DR. MOTOR VEHICLE (OPERATING FLUID)<br>OTTAWA CITY ON K1C 7K3 | NNW/189.3 | -1.69 | 52 |
| 20 | SPL | GROCERY STORE | 1226 PLACE D'ORLEANS DRIVE AT THE BACK OF LOBLAWS STORE.<br>OTTAWA CITY ON K1C 7K3 | NNW/189.3 | -1.69 | 53 |
| 20 | GEN | DRUG STORE PHARMACY, THE | 1226 ORLEANS PLACE DRIVE<br>ORLEANS ON K1C 7K3 | NNW/189.3 | -1.69 | 54 |
| 20 | GEN | LOBLAWS Companies East | 1226 Place D'Orleans<br>Orleans ON K1C 7K3 | NNW/189.3 | -1.69 | 54 |
| 20 | SPL | Loblaws Inc. | 1226 Place Orleans<br>Ottawa ON K1C 2W2 | NNW/189.3 | -1.69 | 55 |

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev Diff (m) | Page Number |
|---|---|---|---|---|---|---|
| 20 | SPL | Loblaws Inc. | 1226 Place D'Orleans<br>Ottawa ON | NNW/189.3 | -1.69 | 55 |
| 20 | EHS | | 1226 Place D'Orleans Drive<br>Ottawa ON K1C 7K3 | NNW/189.3 | -1.69 | 56 |
| 20 | SPL | No Frills<UNOFFICIAL> | 1226 Place d'Orleans<br>Ottawa ON | NNW/189.3 | -1.69 | 56 |
| 20 | SPL | 1928950 Ontario Inc., operating as No Frills<UNOFFICIAL> | 1226 Place D'Orleans<br>Ottawa ON K1C 7K3 | NNW/189.3 | -1.69 | 57 |
| 20 | GEN | Loblaw Companies Limited | 1226 Place D'OrlÚans Dr.<br>Ottawa ON K1C 1L2 | NNW/189.3 | -1.69 | 58 |
| 20 | GEN | Loblaw Companies Limited | 1226 Place D'Orléans Dr.<br>Ottawa ON K1C 1L2 | NNW/189.3 | -1.69 | 58 |
| 20 | PES | BRANDON AND MEGAN'S HOLDINGS INC. O/A BRANDON & MEGAN'S NO FRILLS | 1226 PLACE D'ORLEANS DR<br>OTTAWA ON K1C7K3 | NNW/189.3 | -1.69 | 59 |
| 20 | GEN | Choice Properties REIT | 1226 Place D' Orleans Dr<br>Ottawa ON K1C 7K3 | NNW/189.3 | -1.69 | 59 |
| 20 | GEN | LOBLAWS INC. | 1226 Place D'Orléans Dr.<br>Ottawa ON K1C 1L2 | NNW/189.3 | -1.69 | 60 |
| 20 | GEN | Choice Properties REIT | 1226 Place D' Orleans Dr<br>Ottawa ON K1C 7K3 | NNW/189.3 | -1.69 | 60 |
| 21 | EASR | OTTAWA GREENBELT CONSTRUCTION COMPANY LIMITED | ON | SE/192.1 | 1.39 | 60 |
| 22 | WWIS | | lot 1 con 1<br>ON<br>***Well ID:*** 1500614 | ENE/193.2 | 5.00 | 61 |
| 23 | GEN | BICYCLE & SPORTS SHOP INC., THE | 2839 ST.JOSEPH BLVD.<br>ORLEANS ON K1C 1G6 | ESE/194.7 | 5.00 | 63 |

| Map Key | DB | Company/Site Name | Address | Dir/Dist (m) | Elev Diff (m) | Page Number |
|---|---|---|---|---|---|---|
| 23 | GEN | BICYCLE & SPORTS SHOP INC., THE 04-356 | 2839 ST.JOSEPH BLVD.<br>ORLEANS ON K1C 1G6 | ESE/194.7 | 5.00 | 63 |
| 24 | WWIS | | lot 1 con 1<br>ON<br>***Well ID:*** 1500604 | ENE/195.5 | 4.46 | 64 |
| 24 | WWIS | | lot 1 con 1<br>ON<br>***Well ID:*** 1500605 | ENE/195.5 | 4.46 | 66 |
| 25 | EHS | | St Pierre St St Joseph Blvd<br>Ottawa ON | SE/195.7 | 1.39 | 69 |
| 26 | CA | CLARIDGE HOMES (ORLEANS) INC. | EDGAR BRAULT ST/ST.JOSEPH BLVD<br>GLOUCESTER CITY ON | ESE/195.9 | 4.73 | 69 |
| 27 | PES | LOBLAWS SUPERMARKETS LTD #1052 | 1224 PLACE D'ORLEANS DR<br>GLOUCESTER ON K1C 7K3 | N/196.9 | 0.00 | 70 |
| 27 | GEN | NATIONAL GROCERS LOBLAWS SUPERMARKETS | 1224 PROMENADE PLACE D'ORLEANS<br>ORLEANS TOWN CENTRE<br>GLOUCESTER ON K1C 7K3 | N/196.9 | 0.00 | 70 |
| 27 | SPL | Parson Refridgeration Company<UNOFFICIAL> | 1224 Place D'Orleans<br>Ottawa ON | N/196.9 | 0.00 | 70 |
| 27 | SPL | Parson Refridgeration<UNOFFICIAL> | 1224 Orleans Place Drive<br>Ottawa ON | N/196.9 | 0.00 | 71 |
| 27 | SPL | Loblaws Supermarkets Limited | at Loblaws at 1224 Orleans Place Dr., at the Orleans Town Center<UNOFFICIAL><br>Ottawa ON | N/196.9 | 0.00 | 72 |
| 27 | PES | LOBLAWS SUPERMARKETS LTD #1052 | 1224 PLACE D'ORLEANS DRIVE<br>GLOUCESTER ON K1C 7K3 | N/196.9 | 0.00 | 73 |
| 27 | GEN | Orleans family Care Physicians | 2-1224 Place D'Orleans Blvd<br>Orleans ON | N/196.9 | 0.00 | 73 |
| 28 | WWIS | | lot 1 con 1<br>ON<br>***Well ID:*** 1500591 | ESE/199.4 | 5.00 | 74 |

# 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 0.20 kilometers of the project property.

| Equal/Higher Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| | ON | ESE | 172.65 | 15 |

| Lower Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| | ON | NNW | 96.10 | 5 |

## CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 6 CA site(s) within approximately 0.20 kilometers of the project property.

| Equal/Higher Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| SCOTT'S HOSPITALITY INC. | 2795 ST. JOSEPH'S BLVD.<br>GLOUCESTER CITY ON | SE | 147.03 | 13 |
| SCOTT'S HOSPITALITY INC. | 2795 ST. JOSEPH'S BLVD.<br>GLOUCESTER CITY ON | SE | 147.03 | 13 |
| CLARIDGE HOMES (ORLEANS) INC. | EDGAR BRAULT ST/ST.JOSEPH BLVD<br>GLOUCESTER CITY ON | ESE | 195.94 | 26 |

| Lower Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| ORLEANS TOWN CENTRE INC. | ST. PIERRE ST./ROCQUE ST.<br>GLOUCESTER CITY ON | NNW | 83.77 | 3 |

| | | | | |
|---|---|---|---|---|
| FIRST CITY SHOPPING CENTRE GROUP | PIERRE ST./ROCQUE ST. GLOUCESTER CITY ON | NNW | 83.77 | 3 |
| FIRST CITY SHOPPING CENTRE GROUP | PIERRE ST./ROCQUE ST./KING RD. GLOUCESTER CITY ON | NNW | 83.77 | 3 |

## EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Apr 30, 2024 has found that there are 1 EASR site(s) within approximately 0.20 kilometers of the project property.

| Equal/Higher Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| OTTAWA GREENBELT CONSTRUCTION COMPANY LIMITED | ON | SE | 192.06 | 21 |

## EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2024 has found that there are 13 EHS site(s) within approximately 0.20 kilometers of the project property.

| Equal/Higher Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| | A2795 ST JOSEPHS BD ORLEANS ON | SE | 147.03 | 13 |
| | 2795 St joseph Blvd Orleans ON K1C 1G4 | SE | 147.03 | 13 |
| | 2795 St. Joseph Blvd. Orleans ON K1C 1G4 | SE | 147.03 | 13 |
| | 2795 St. Josephs Blvd Orleans ON | SE | 147.03 | 13 |
| | 2795 St. Josephs Boulevard Orleans ON | SE | 147.03 | 13 |
| | 2795 St Joseph Blvd Orléans ON K1C 1G4 | SE | 147.03 | 13 |

| Equal/Higher Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| | 6870 Rocque Street<br>Orléans ON K1C 1A5 | NE | 167.22 | 14 |
| | 6870 & 6880 Rocque St, and 1113 Maisonneuve St<br>Orléans ON K1C 1K9 | NE | 174.40 | 16 |
| | St Pierre St St Joseph Blvd<br>Ottawa ON | SE | 195.73 | 25 |

| Lower Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| | 6758 And 6766 Rocque<br>Ottawa ON | W | 92.18 | 4 |
| | 1080 St Pierre St<br>Ottawa ON | WNW | 114.41 | 9 |
| | 1085 and 1080 St. Pierre Street<br>Ottawa ON | WNW | 141.66 | 12 |
| | 1226 Place D'Orleans Drive<br>Ottawa ON K1C 7K3 | NNW | 189.27 | 20 |

## GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 14 GEN site(s) within approximately 0.20 kilometers of the project property.

| Equal/Higher Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| PromoGolfBall | 1159 St-Pierre<br>Orleans ON K1C 1L4 | ESE | 122.36 | 10 |
| BICYCLE & SPORTS SHOP INC., THE 04-356 | 2839 ST.JOSEPH BLVD.<br>ORLEANS ON K1C 1G6 | ESE | 194.72 | 23 |

| Equal/Higher Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| BICYCLE & SPORTS SHOP INC., THE | 2839 ST.JOSEPH BLVD.<br>ORLEANS ON K1C 1G6 | ESE | 194.72 | 23 |
| Orleans family Care Physicians | 2-1224 Place D'Orleans Blvd<br>Orleans ON | N | 196.85 | 27 |
| NATIONAL GROCERS LOBLAWS SUPERMARKETS | 1224 PROMENADE PLACE D'ORLEANS ORLEANS TOWN CENTRE<br>GLOUCESTER ON K1C 7K3 | N | 196.85 | 27 |

| Lower Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| CONSEIL DES ECOLES CATHOLIQUES DE LANGUE | PRESEAULT 1080 RUE SAINT PIERRE<br>ORLEANS ON K1C 1L3 | WNW | 114.41 | 9 |
| CONSEIL SCOLAIRE DE LANGUE FRANCAILSE | PRESEAULT 1080 RUE SAINT PIERRE<br>ORLEANS ON K1C 1L3 | WNW | 114.41 | 9 |
| Choice Properties REIT | 1226 Place D' Orleans Dr<br>Ottawa ON K1C 7K3 | NNW | 189.27 | 20 |
| LOBLAWS INC. | 1226 Place D'Orléans Dr.<br>Ottawa ON K1C 1L2 | NNW | 189.27 | 20 |
| Choice Properties REIT | 1226 Place D' Orleans Dr<br>Ottawa ON K1C 7K3 | NNW | 189.27 | 20 |
| Loblaw Companies Limited | 1226 Place D'Orléans Dr.<br>Ottawa ON K1C 1L2 | NNW | 189.27 | 20 |
| Loblaw Companies Limited | 1226 Place D'OrlÚans Dr.<br>Ottawa ON K1C 1L2 | NNW | 189.27 | 20 |
| DRUG STORE PHARMACY, THE | 1226 ORLEANS PLACE DRIVE<br>ORLEANS ON K1C 7K3 | NNW | 189.27 | 20 |

| | | | | |
|---|---|---|---|---|
| LOBLAWS Companies East | 1226 Place D'Orleans<br>Orleans ON K1C 7K3 | NNW | 189.27 | 20 |

## PES - Pesticide Register

A search of the PES database, dated Oct 2011-Apr 30, 2024 has found that there are 3 PES site(s) within approximately 0.20 kilometers of the project property.

| Equal/Higher Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| LOBLAWS SUPERMARKETS LTD #1052 | 1224 PLACE D'ORLEANS DR<br>GLOUCESTER ON K1C 7K3 | N | 196.85 | 27 |
| LOBLAWS SUPERMARKETS LTD #1052 | 1224 PLACE D'ORLEANS DRIVE<br>GLOUCESTER ON K1C 7K3 | N | 196.85 | 27 |

| Lower Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| BRANDON AND MEGAN'S HOLDINGS INC. O/A BRANDON & MEGAN'S NO FRILLS | 1226 PLACE D'ORLEANS DR<br>OTTAWA ON K1C7K3 | NNW | 189.27 | 20 |

## SPL - Ontario Spills

A search of the SPL database, dated 1988-Jan 2023; see description has found that there are 13 SPL site(s) within approximately 0.20 kilometers of the project property.

| Equal/Higher Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| City of Ottawa | 2795 St Josephs<br>Ottawa ON | SE | 147.03 | 13 |
| Loblaws Supermarkets Limited | at Loblaws at 1224 Orleans Place Dr., at the Orleans Town Center<UNOFFICIAL><br>Ottawa ON | N | 196.85 | 27 |
| Parson Refridgeration<UNOFFICIAL> | 1224 Orleans Place Drive<br>Ottawa ON | N | 196.85 | 27 |
| Parson Refridgeration Company<UNOFFICIAL> | 1224 Place D'Orleans<br>Ottawa ON | N | 196.85 | 27 |

| Lower Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| Enbridge Gas Distribution Inc. | 1087 St. Pierre St, Embraun<br>Ottawa ON | NNW | 106.66 | 7 |
| SCHOOL | DEAD END OF ST. PIERRE ST. AT ECOLE PRESAULT.<br>GLOUCESTER CITY ON | NW | 136.25 | 11 |
| 1928950 Ontario Inc., operating as No Frills<UNOFFICIAL> | 1226 Place D'Orleans<br>Ottawa ON K1C 7K3 | NNW | 189.27 | 20 |
| No Frills<UNOFFICIAL> | 1226 Place d'Orleans<br>Ottawa ON | NNW | 189.27 | 20 |
| GROCERY STORE | 1226 PLACE D'ORLEANS DRIVE AT THE BACK OF LOBLAWS STORE.<br>OTTAWA CITY ON K1C 7K3 | NNW | 189.27 | 20 |
| TRANSPORT TRUCK | LOBLAWS, 1226 D'ORLEANS DR. MOTOR VEHICLE (OPERATING FLUID)<br>OTTAWA CITY ON K1C 7K3 | NNW | 189.27 | 20 |
| PRIVATE OWNER | 1226 PLACE ORLEANS DR. MOTOR VEHICLE (OPERATING FLUID)<br>OTTAWA CITY ON K1C 7K3 | NNW | 189.27 | 20 |
| Loblaws Inc. | 1226 Place Orleans<br>Ottawa ON K1C 2W2 | NNW | 189.27 | 20 |
| Loblaws Inc. | 1226 Place D'Orleans<br>Ottawa ON | NNW | 189.27 | 20 |

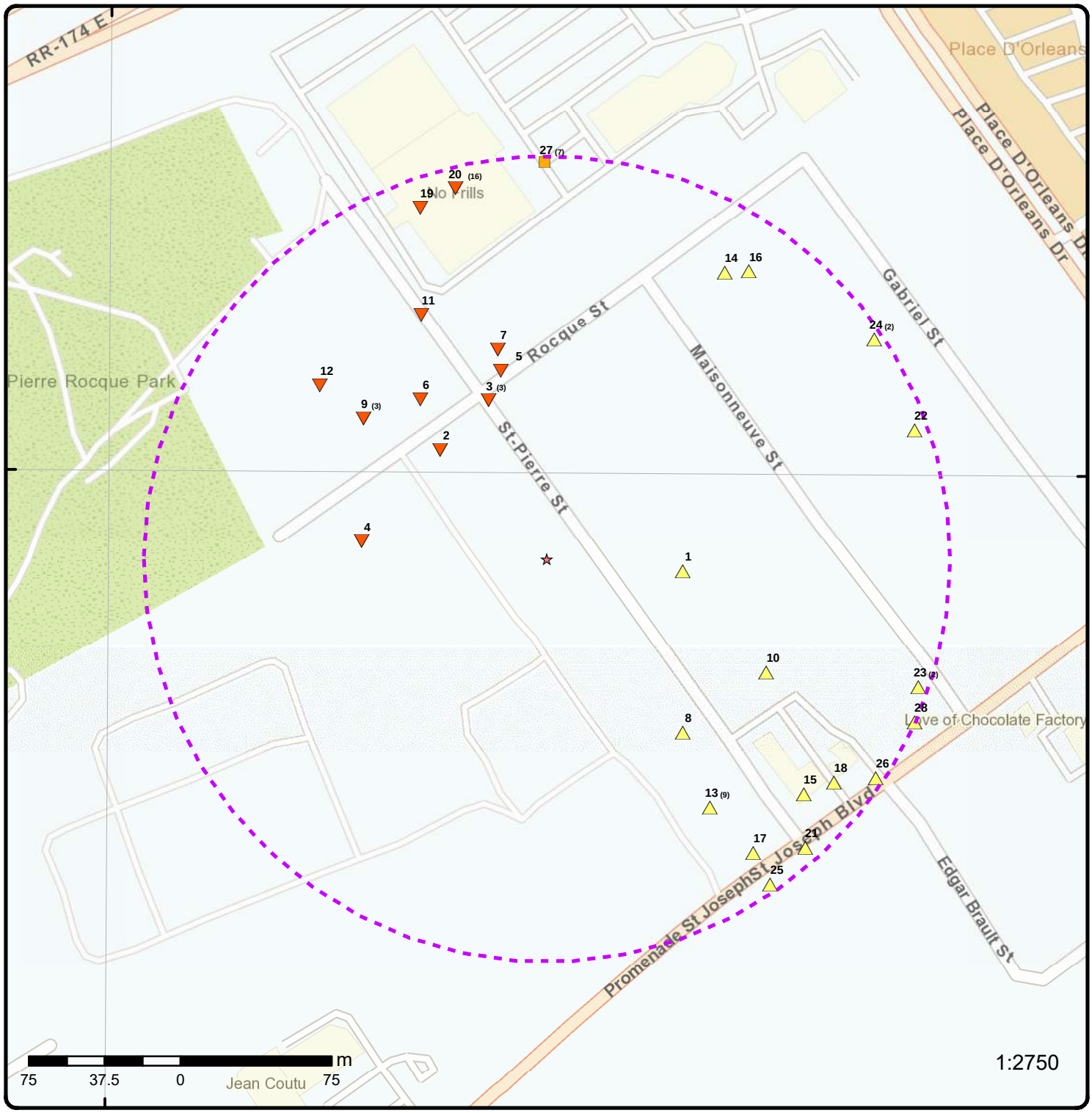
## WWIS - Water Well Information System

A search of the WWIS database, dated Dec 31 2023 has found that there are 11 WWIS site(s) within approximately 0.20 kilometers of the project property.

| Equal/Higher Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| | lot 2 con 1<br>ON<br><br>***Well ID:*** 1500624 | E | 67.53 | 1 |

| Equal/Higher Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| | lot 2 con 1<br>ON<br>***Well ID:*** 1500625 | SE | 109.13 | 8 |
| | lot 2 con 1<br>ON<br>***Well ID:*** 1500621 | SE | 178.20 | 17 |
| | lot 2 con 1<br>ON<br>***Well ID:*** 1500619 | ESE | 180.41 | 18 |
| | lot 1 con 1<br>ON<br>***Well ID:*** 1500614 | ENE | 193.20 | 22 |
| | lot 1 con 1<br>ON<br>***Well ID:*** 1500604 | ENE | 195.52 | 24 |
| | lot 1 con 1<br>ON<br>***Well ID:*** 1500605 | ENE | 195.52 | 24 |
| | lot 1 con 1<br>ON<br>***Well ID:*** 1500591 | ESE | 199.43 | 28 |

| Lower Elevation | Address | Direction | Distance (m) | Map Key |
|---|---|---|---|---|
| | lot 2 con 1<br>ON<br>***Well ID:*** 1500616 | NW | 75.59 | 2 |
| | lot 2 con 1<br>ON<br>***Well ID:*** 1500623 | NW | 100.99 | 6 |
| | lot 2 con 1<br>ON<br>***Well ID:*** 1500606 | NNW | 185.06 | 19 |




# Map: 0.2 Kilometer Radius

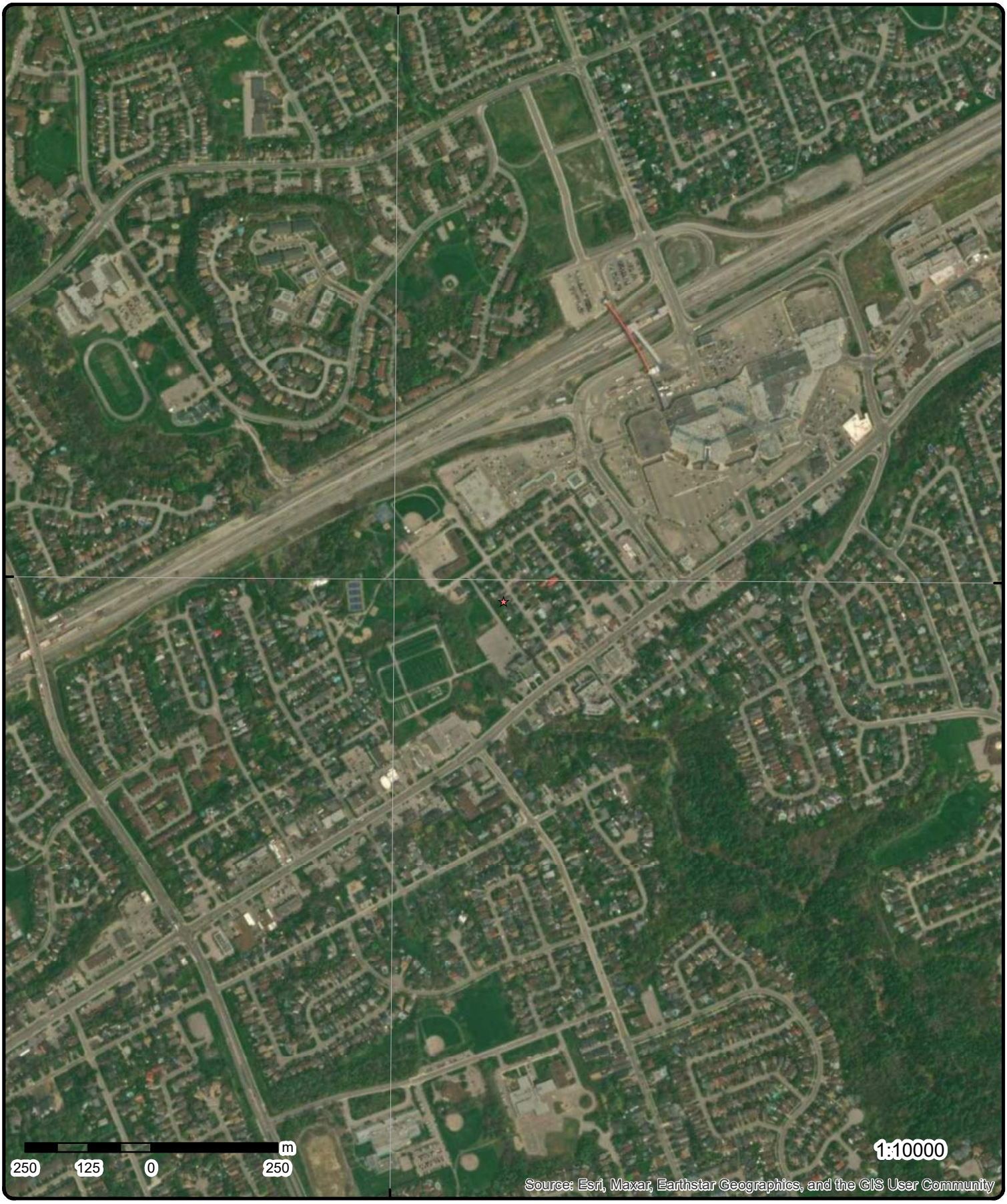
Order Number: 24062101468

Address: 1132 St Pierre Street, Ottawa, ON

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

75°31'30"W

45°28'30"N




45°28'30"N

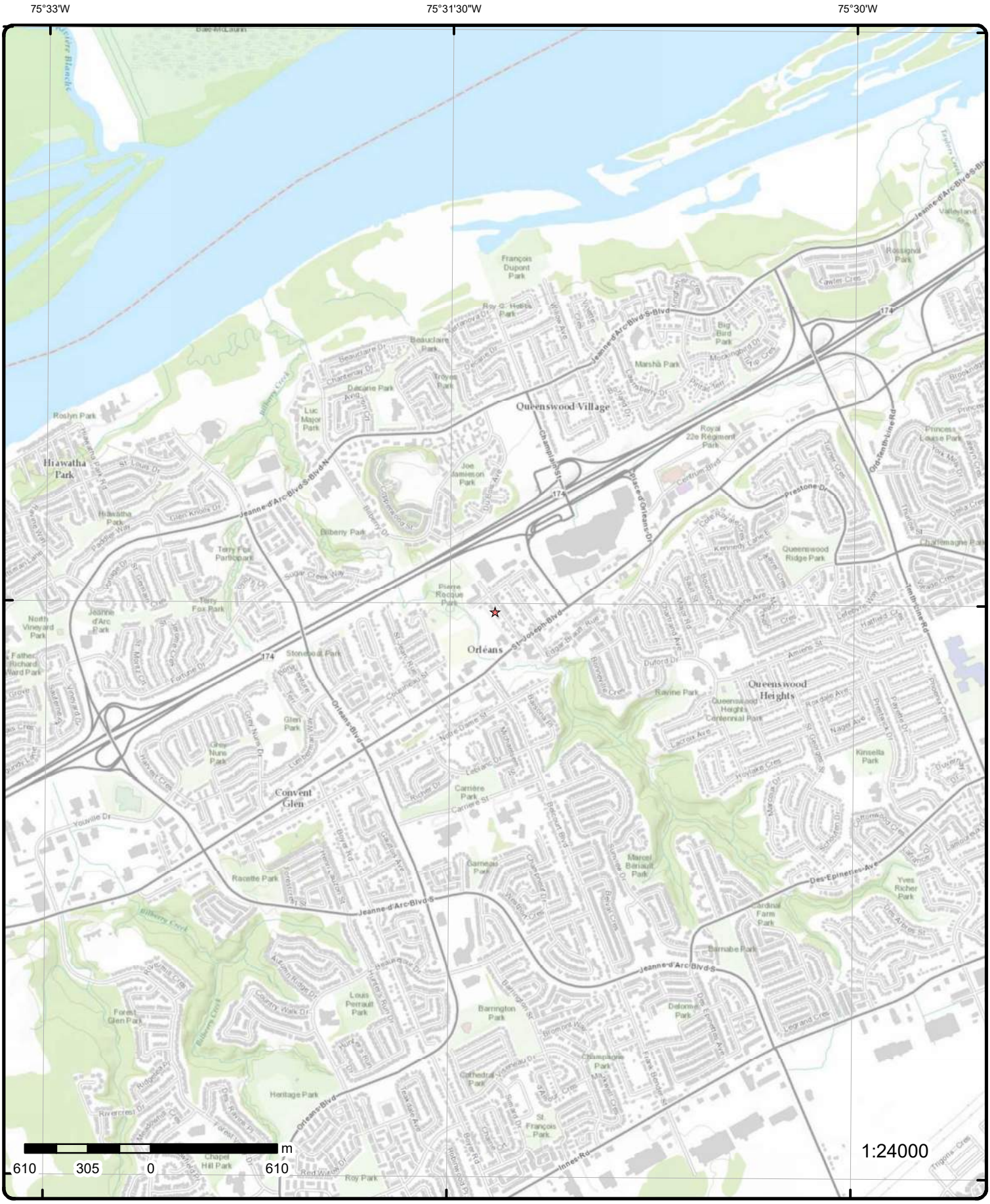
# Aerial

**Year: 2023**

Order Number: 24062101468

**Address: 1132 St Pierre Street, Ottawa, ON**

**Source:** ESRI World Imagery




# Topographic Map

**Address: 1132 St Pierre Street, ON**

**Source:** ESRI World Topographic Map

Order Number: 24062101468

ERIS

# Detail Report

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 1 | 1 of 1 | E/67.5 | 63.9 / 2.05 | lot 2 con 1 ON | WWIS |

| | | | |
|---|---|---|---|
| **Well ID:** | 1500624 | **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:** | 08/15/1960 |
| **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:** | 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:** GLOUCESTER TOWNSHIP
**Site Info:**

**PDF URL (Map):** https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500624.pdf

***Additional Detail(s) (Map)***

**Well Completed Date:** 06/10/1960
**Year Completed:** 1960
**Depth (m):** 55.1688
**Latitude:** 45.4745656211139
**Longitude:** -75.5213431698828
**X:** -75.52134300749019
**Y:** 45.47456561379086
**Path:** 150\1500624.pdf

***Bore Hole Information***

| | | | |
|---|---|---|---|
| **Bore Hole ID:** | 10022667 | **Elevation:** | |
| **DP2BR:** | | **Elevrc:** | |
| **Spatial Status:** | | **Zone:** | 18 |
| **Code OB:** | | **East83:** | 459250.80 |
| **Code OB Desc:** | | **North83:** | 5035803.00 |
| **Open Hole:** | | **Org CS:** | |
| **Cluster Kind:** | | **UTMRC:** | 5 |
| **Date Completed:** | 06/10/1960 | **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:*** | 930989749 |
| ***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:*** | 40.0 |
| ***Formation End Depth:*** | 181.0 |
| ***Formation End Depth UOM:*** | ft |

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| ***Formation ID:*** | 930989748 |
| ***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:*** | 40.0 |
| ***Formation End Depth UOM:*** | ft |

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

| | |
|---|---|
| ***Method Construction ID:*** | 961500624 |
| ***Method Construction Code:*** | 1 |
| ***Method Construction:*** | Cable Tool |
| ***Other Method Construction:*** | |

***Pipe Information***

| | |
|---|---|
| ***Pipe ID:*** | 10571237 |
| ***Casing No:*** | 1 |
| ***Comment:*** | |
| ***Alt Name:*** | |

***Construction Record - Casing***

| | |
|---|---|
| ***Casing ID:*** | 930038247 |
| ***Layer:*** | 1 |
| ***Material:*** | 1 |
| ***Open Hole or Material:*** | STEEL |
| ***Depth From:*** | |
| ***Depth To:*** | 40.0 |
| ***Casing Diameter:*** | 4.0 |
| ***Casing Diameter UOM:*** | inch |
| ***Casing Depth UOM:*** | ft |

***Construction Record - Casing***

| | |
|---|---|
| ***Casing ID:*** | 930038248 |
| ***Layer:*** | 2 |
| ***Material:*** | 4 |
| ***Open Hole or Material:*** | OPEN HOLE |
| ***Depth From:*** | |
| ***Depth To:*** | 181.0 |
| ***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:*** | 991500624 |
| ***Pump Set At:*** | |
| ***Static Level:*** | 31.0 |
| ***Final Level After Pumping:*** | 35.0 |
| ***Recommended Pump Depth:*** | 30.0 |
| ***Pumping Rate:*** | 8.0 |
| ***Flowing Rate:*** | |
| ***Recommended Pump Rate:*** | 5.0 |
| ***Levels UOM:*** | ft |
| ***Rate UOM:*** | GPM |
| ***Water State After Test Code:*** | 2 |
| ***Water State After Test:*** | CLOUDY |
| ***Pumping Test Method:*** | 1 |
| ***Pumping Duration HR:*** | 1 |
| ***Pumping Duration MIN:*** | 0 |
| ***Flowing:*** | No |

***Water Details***

| | |
|---|---|
| ***Water ID:*** | 933453159 |
| ***Layer:*** | 1 |
| ***Kind Code:*** | 3 |
| ***Kind:*** | SULPHUR |
| ***Water Found Depth:*** | 181.0 |
| ***Water Found Depth UOM:*** | ft |

---

**2** ***1 of 1*** ***NW/75.6*** ***61.2 / -0.67*** ***lot 2 con 1 ON*** ***WWIS***

| | | | |
|---|---|---|---|
| ***Well ID:*** | 1500616 | ***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:*** | 09/21/1953 |
| ***Water Type:*** | | ***Selected Flag:*** | TRUE |
| ***Casing Material:*** | | ***Abandonment Rec:*** | |
| ***Audit No:*** | | ***Contractor:*** | 1802 |
| ***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:*** GLOUCESTER TOWNSHIP
***Site Info:***

***PDF URL (Map):*** https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500616.pdf

***Additional Detail(s) (Map)***

***Well Completed Date:*** 09/08/1953
***Year Completed:*** 1953
***Depth (m):*** 12.192
***Latitude:*** 45.4750986460114
***Longitude:*** -75.5228846532433
***X:*** -75.52288449080794
***Y:*** 45.47509863907484
***Path:*** 150\1500616.pdf

***Bore Hole Information***

***Bore Hole ID:*** 10022659 ***Elevation:***
***DP2BR:*** ***Elevrc:***
***Spatial Status:*** ***Zone:*** 18
***Code OB:*** ***East83:*** 459130.70
***Code OB Desc:*** ***North83:*** 5035863.00
***Open Hole:*** ***Org CS:***
***Cluster Kind:*** ***UTMRC:*** 5
***Date Completed:*** 09/08/1953 ***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:*** 930989726
***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:*** 29.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 930989727
***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:*** 29.0
***Formation End Depth:*** 40.0
***Formation End Depth UOM:*** ft

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

***Method Construction ID:*** 961500616
***Method Construction Code:*** 7
***Method Construction:*** Diamond
***Other Method Construction:***

***Pipe Information***

***Pipe ID:*** 10571229
***Casing No:*** 1
***Comment:***
***Alt Name:***

***Construction Record - Casing***

***Casing ID:*** 930038232
***Layer:*** 1
***Material:*** 1
***Open Hole or Material:*** STEEL
***Depth From:***
***Depth To:*** 30.0
***Casing Diameter:*** 2.0
***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Construction Record - Casing***

***Casing ID:*** 930038233
***Layer:*** 2
***Material:*** 4
***Open Hole or Material:*** OPEN HOLE
***Depth From:***
***Depth To:*** 40.0
***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:*** 991500616
***Pump Set At:***
***Static Level:*** 11.0
***Final Level After Pumping:*** 15.0
***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

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

***Pumping Test Method:*** 1
***Pumping Duration HR:*** 1
***Pumping Duration MIN:*** 0
***Flowing:*** No

***Water Details***

***Water ID:*** 933453151
***Layer:*** 1
***Kind Code:*** 1
***Kind:*** FRESH
***Water Found Depth:*** 38.0
***Water Found Depth UOM:*** ft

---

**3** ***1 of 3*** ***NNW/83.8*** ***61.6 / -0.31*** ***FIRST CITY SHOPPING CENTRE GROUP PIERRE ST./ROCQUE ST. GLOUCESTER CITY ON*** ***CA***

***Certificate #:*** 3-0153-91-
***Application Year:*** 91
***Issue Date:*** 3/25/1991
***Approval Type:*** Municipal sewage
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

---

**3** ***2 of 3*** ***NNW/83.8*** ***61.6 / -0.31*** ***ORLEANS TOWN CENTRE INC. ST. PIERRE ST./ROCQUE ST. GLOUCESTER CITY ON*** ***CA***

***Certificate #:*** 3-0124-93-
***Application Year:*** 93
***Issue Date:*** 2/23/1993
***Approval Type:*** Municipal sewage
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

---

**3** ***3 of 3*** ***NNW/83.8*** ***61.6 / -0.31*** ***FIRST CITY SHOPPING CENTRE GROUP PIERRE ST./ROCQUE ST./KING RD. GLOUCESTER CITY ON*** ***CA***

***Certificate #:*** 7-0139-91-
***Application Year:*** 91
***Issue Date:*** 3/25/1991
***Approval Type:*** Municipal water
***Status:*** Approved
***Application Type:***
***Client Name:***

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

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

---

**4** **1 of 1** **W/92.2** **60.6 / -1.27** **6758 And 6766 Rocque Ottawa ON** **EHS**

| | | | |
|---|---|---|---|
| **Order No:** | 20150910066 | **Nearest Intersection:** | |
| **Status:** | C | **Municipality:** | Ottawa |
| **Report Type:** | Standard Report | **Client Prov/State:** | ON |
| **Report Date:** | 17-SEP-15 | **Search Radius (km):** | .25 |
| **Date Received:** | 10-SEP-15 | **X:** | -75.523379 |
| **Previous Site Name:** | | **Y:** | 45.474689 |
| **Lot/Building Size:** | 0.475 acres (1922 square metres) | | |
| **Additional Info Ordered:** | | | |

---

**5** **1 of 1** **NNW/96.1** **61.6 / -0.31** **ON** **BORE**

| | | | |
|---|---|---|---|
| **Borehole ID:** | 615425 | **Inclin FLG:** | No |
| **OGF ID:** | 215516367 | **SP Status:** | Initial Entry |
| **Status:** | | **Surv Elev:** | No |
| **Type:** | Borehole | **Piezometer:** | No |
| **Use:** | Geotechnical/Geological Investigation | **Primary Name:** | |
| **Completion Date:** | AUG-1970 | **Municipality:** | |
| **Static Water Level:** | | **Lot:** | |
| **Primary Water Use:** | Not Used | **Township:** | |
| **Sec. Water Use:** | | **Latitude DD:** | 45.475454 |
| **Total Depth m:** | 4.9 | **Longitude DD:** | -75.522504 |
| **Depth Ref:** | Ground Surface | **UTM Zone:** | 18 |
| **Depth Elev:** | | **Easting:** | 459161 |
| **Drill Method:** | Power auger | **Northing:** | 5035902 |
| **Orig Ground Elev m:** | 63.9 | **Location Accuracy:** | |
| **Elev Reliabil Note:** | | **Accuracy:** | Not Applicable |
| **DEM Ground Elev m:** | 63.9 | | |
| **Concession:** | | | |
| **Location D:** | | | |
| **Survey D:** | | | |
| **Comments:** | | | |

***Borehole Geology Stratum***

| | | | |
|---|---|---|---|
| **Geology Stratum ID:** | 218401474 | **Mat Consistency:** | |
| **Top Depth:** | 0 | **Material Moisture:** | |
| **Bottom Depth:** | .3 | **Material Texture:** | |
| **Material Color:** | | **Non Geo Mat Type:** | |
| **Material 1:** | Unknown | **Geologic Formation:** | |
| **Material 2:** | Soil | **Geologic Group:** | |
| **Material 3:** | | **Geologic Period:** | |
| **Material 4:** | | **Depositional Gen:** | |
| **Gsc Material Description:** | | | |
| **Stratum Description:** | UNSPECIFIED. | | |

| | | | |
|---|---|---|---|
| **Geology Stratum ID:** | 218401477 | **Mat Consistency:** | Dense |
| **Top Depth:** | 1.8 | **Material Moisture:** | |
| **Bottom Depth:** | 4.9 | **Material Texture:** | |
| **Material Color:** | Grey | **Non Geo Mat Type:** | |
| **Material 1:** | Clay | **Geologic Formation:** | |

| | | | |
|---|---|---|---|
| **Material 2:** | Silt | **Geologic Group:** | |
| **Material 3:** | | **Geologic Period:** | |
| **Material 4:** | | **Depositional Gen:** | |
| **Gsc Material Description:** | | | |
| **Stratum Description:** | CLAY. GREY,FIRM,STIFF. 0003001200600020158NSE TO VERY DENSE. BEDROCK. GREY,SOUND. 000000 **Note: Many records provided by the department have a truncated [Stratum Description] field. | | |

| | | | |
|---|---|---|---|
| **Geology Stratum ID:** | 218401475 | **Mat Consistency:** | Stiff |
| **Top Depth:** | .3 | **Material Moisture:** | |
| **Bottom Depth:** | .9 | **Material Texture:** | |
| **Material Color:** | Brown | **Non Geo Mat Type:** | |
| **Material 1:** | Clay | **Geologic Formation:** | |
| **Material 2:** | Silt | **Geologic Group:** | |
| **Material 3:** | Sand | **Geologic Period:** | |
| **Material 4:** | | **Depositional Gen:** | |
| **Gsc Material Description:** | | | |
| **Stratum Description:** | CLAY. BROWN,STIFF TO VERY STIFF. | | |

| | | | |
|---|---|---|---|
| **Geology Stratum ID:** | 218401476 | **Mat Consistency:** | Stiff |
| **Top Depth:** | .9 | **Material Moisture:** | |
| **Bottom Depth:** | 1.8 | **Material Texture:** | |
| **Material Color:** | Brown | **Non Geo Mat Type:** | |
| **Material 1:** | Clay | **Geologic Formation:** | |
| **Material 2:** | Silt | **Geologic Group:** | |
| **Material 3:** | | **Geologic Period:** | |
| **Material 4:** | | **Depositional Gen:** | |
| **Gsc Material Description:** | | | |
| **Stratum Description:** | CLAY. GREY,BROWN,STIFF. | | |

***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:** | H | **Horizontal:** | NAD27 |
| **Observatio:** | | **Verticalda:** | Mean Average Sea Level |
| **Source Name:** | Urban Geology Automated Information System (UGAIS) | | |
| **Source Details:** | File: OTTAWA2.txt RecordID: 079330 NTS_Sheet: 31G05H | | |
| **Confiden 1:** | Logged by professional. Exact and complete description of material and properties. | | |

***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 |
|---|---|---|---|---|---|
| 6 | 1 of 1 | NW/101.0 | 60.8 / -1.03 | lot 2 con 1 ON | WWIS |

| | | | |
|---|---|---|---|
| **Well ID:** | 1500623 | **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:** | 09/07/1960 |
| **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:** | 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:** | GLOUCESTER TOWNSHIP | | |
| **Site Info:** | | | |

**PDF URL (Map):** https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500623.pdf

***Additional Detail(s) (Map)***

| | |
|---|---|
| **Well Completed Date:** | 05/30/1960 |
| **Year Completed:** | 1960 |
| **Depth (m):** | 6.4008 |
| **Latitude:** | 45.475323080279 |
| **Longitude:** | -75.5230146701412 |
| **X:** | -75.52301450751013 |
| **Y:** | 45.4753230731886 |
| **Path:** | 150\1500623.pdf |

***Bore Hole Information***

| | | | |
|---|---|---|---|
| **Bore Hole ID:** | 10022666 | **Elevation:** | |
| **DP2BR:** | | **Elevrc:** | |
| **Spatial Status:** | | **Zone:** | 18 |
| **Code OB:** | | **East83:** | 459120.70 |
| **Code OB Desc:** | | **North83:** | 5035888.00 |
| **Open Hole:** | | **Org CS:** | |
| **Cluster Kind:** | | **UTMRC:** | 5 |
| **Date Completed:** | 05/30/1960 | **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:** | 930989746 |
| **Layer:** | 2 |
| **Color:** | |
| **General Color:** | |
| **Material 1:** | 07 |
| **Material 1 Desc:** | QUICKSAND |
| **Material 2:** | |
| **Material 2 Desc:** | |
| **Material 3:** | |
| **Material 3 Desc:** | |
| **Formation Top Depth:** | 15.0 |
| **Formation End Depth:** | 16.0 |
| **Formation End Depth UOM:** | ft |

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| ***Formation ID:*** | 930989745 |
| ***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:*** | 15.0 |
| ***Formation End Depth UOM:*** | ft |

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| ***Formation ID:*** | 930989747 |
| ***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:*** | 16.0 |
| ***Formation End Depth:*** | 21.0 |
| ***Formation End Depth UOM:*** | ft |

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

| | |
|---|---|
| ***Method Construction ID:*** | 961500623 |
| ***Method Construction Code:*** | 1 |
| ***Method Construction:*** | Cable Tool |
| ***Other Method Construction:*** | |

***Pipe Information***

| | |
|---|---|
| ***Pipe ID:*** | 10571236 |
| ***Casing No:*** | 1 |
| ***Comment:*** | |
| ***Alt Name:*** | |

***Construction Record - Casing***

| | |
|---|---|
| ***Casing ID:*** | 930038245 |
| ***Layer:*** | 1 |
| ***Material:*** | 1 |
| ***Open Hole or Material:*** | STEEL |
| ***Depth From:*** | |
| ***Depth To:*** | 17.0 |
| ***Casing Diameter:*** | 3.0 |
| ***Casing Diameter UOM:*** | inch |
| ***Casing Depth UOM:*** | ft |

***Construction Record - Casing***

| | |
|---|---|
| ***Casing ID:*** | 930038246 |
| ***Layer:*** | 2 |

| | |
|---|---|
| **Material:** | 4 |
| **Open Hole or Material:** | OPEN HOLE |
| **Depth From:** | |
| **Depth To:** | 21.0 |
| **Casing Diameter:** | 3.0 |
| **Casing Diameter UOM:** | inch |
| **Casing Depth UOM:** | ft |

***Results of Well Yield Testing***

| | |
|---|---|
| **Pumping Test Method Desc:** | PUMP |
| **Pump Test ID:** | 991500623 |
| **Pump Set At:** | |
| **Static Level:** | 5.0 |
| **Final Level After Pumping:** | 20.0 |
| **Recommended Pump Depth:** | 20.0 |
| **Pumping Rate:** | 7.0 |
| **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:** | 4 |
| **Pumping Duration MIN:** | 0 |
| **Flowing:** | No |

***Water Details***

| | |
|---|---|
| **Water ID:** | 933453158 |
| **Layer:** | 1 |
| **Kind Code:** | 1 |
| **Kind:** | FRESH |
| **Water Found Depth:** | 21.0 |
| **Water Found Depth UOM:** | ft |

---

**7** | ***1 of 1*** | ***NNW/106.7*** | ***61.6 / -0.31*** | ***Enbridge Gas Distribution Inc.***
***1087 St. Pierre St, Embraun***
***Ottawa ON*** | ***SPL***

| | | | |
|---|---|---|---|
| **Ref No:** | 7186-BHPUN8 | **Municipality No:** | |
| **Year:** | | **Nature of Damage:** | |
| **Incident Dt:** | 11/7/2019 | **Discharger Report:** | |
| **Dt MOE Arvl on Scn:** | | **Material Group:** | |
| **MOE Reported Dt:** | 11/7/2019 | **Impact to Health:** | 2 - Minor Environment |
| **Dt Document Closed:** | | **Agency Involved:** | |
| **Site No:** | NA | | |
| **MOE Response:** | No | | |
| **Site County/District:** | | | |
| **Site Geo Ref Meth:** | | | |
| **Site District Office:** | Ottawa | | |
| **Nearest Watercourse:** | | | |
| **Site Name:** | residential<UNOFFICIAL> | | |
| **Site Address:** | 1087 St. Pierre St, Embraun | | |
| **Site Region:** | Eastern | | |
| **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:** | |
| **Health Env Consequence:** | |
| **Nature of Impact:** | |
| **Contaminant Qty:** | 0 other - see incident description |
| **System Facility Address:** | |
| **Client Name:** | Enbridge Gas Distribution Inc. |
| **Client Type:** | Corporation |
| **Source Type:** | Pipeline/Components |
| **Contaminant Code:** | 35 |
| **Contaminant Name:** | NATURAL GAS (METHANE) |
| **Contaminant Limit 1:** | |
| **Contam Limit Freq 1:** | |
| **Contaminant UN No 1:** | 1075 |
| **Receiving Medium:** | Air |
| **Incident Reason:** | Operator/Human Error |
| **Incident Summary:** | TSSA- Enbridge, 1/2" plastic service IP line damaged, made safe. |
| **Activity Preceding Spill:** | |
| **Property 2nd Watershed:** | |
| **Property Tertiary Watershed:** | |
| **Sector Type:** | Miscellaneous Communal |
| **SAC Action Class:** | TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill |
| **Call Report Locatn Geodata:** | |

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**8** | **1 of 1** | **SE/109.1** | **62.8 / 0.97** | **lot 2 con 1 ON** | **WWIS**

| | | | |
|---|---|---|---|
| **Well ID:** | 1500625 | **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:** | 06/01/1962 |
| **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:** | 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:** | GLOUCESTER TOWNSHIP | | |
| **Site Info:** | | | |

**PDF URL (Map):** https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500625.pdf

***Additional Detail(s) (Map)***

| | |
|---|---|
| **Well Completed Date:** | 05/12/1962 |
| **Year Completed:** | 1962 |
| **Depth (m):** | 21.336 |
| **Latitude:** | 45.4738455568513 |
| **Longitude:** | -75.5213365304054 |
| **X:** | -75.52133636720674 |
| **Y:** | 45.473845550150116 |
| **Path:** | 150\1500625.pdf |

***Bore Hole Information***

| | | | |
|---|---|---|---|
| ***Bore Hole ID:*** | 10022668 | ***Elevation:*** | |
| ***DP2BR:*** | | ***Elevrc:*** | |
| ***Spatial Status:*** | | ***Zone:*** | 18 |
| ***Code OB:*** | | ***East83:*** | 459250.80 |
| ***Code OB Desc:*** | | ***North83:*** | 5035723.00 |
| ***Open Hole:*** | | ***Org CS:*** | |
| ***Cluster Kind:*** | | ***UTMRC:*** | 5 |
| ***Date Completed:*** | 05/12/1962 | ***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:*** 930989750
***Layer:*** 1
***Color:***
***General Color:***
***Material 1:*** 09
***Material 1 Desc:*** MEDIUM SAND
***Material 2:***
***Material 2 Desc:***
***Material 3:***
***Material 3 Desc:***
***Formation Top Depth:*** 0.0
***Formation End Depth:*** 4.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 930989751
***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:*** 4.0
***Formation End Depth:*** 70.0
***Formation End Depth UOM:*** ft

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

***Method Construction ID:*** 961500625
***Method Construction Code:*** 1
***Method Construction:*** Cable Tool
***Other Method Construction:***

***Pipe Information***

***Pipe ID:*** 10571238
***Casing No:*** 1
***Comment:***
***Alt Name:***

***Construction Record - Casing***

***Casing ID:*** 930038250
***Layer:*** 2
***Material:*** 4
***Open Hole or Material:*** OPEN HOLE
***Depth From:***
***Depth To:*** 70.0
***Casing Diameter:*** 2.0
***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Construction Record - Casing***

***Casing ID:*** 930038249
***Layer:*** 1
***Material:*** 1
***Open Hole or Material:*** STEEL
***Depth From:***
***Depth To:*** 21.0
***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:*** 991500625
***Pump Set At:***
***Static Level:*** 25.0
***Final Level After Pumping:*** 32.0
***Recommended Pump Depth:*** 50.0
***Pumping Rate:*** 3.0
***Flowing Rate:***
***Recommended Pump Rate:*** 3.0
***Levels UOM:*** ft
***Rate UOM:*** GPM
***Water State After Test Code:*** 1
***Water State After Test:*** CLEAR
***Pumping Test Method:*** 1
***Pumping Duration HR:*** 0
***Pumping Duration MIN:*** 30
***Flowing:*** No

***Water Details***

***Water ID:*** 933453160
***Layer:*** 1
***Kind Code:*** 1
***Kind:*** FRESH
***Water Found Depth:*** 70.0
***Water Found Depth UOM:*** ft

| | | | | | |
|---|---|---|---|---|---|
| 9 | *1 of 3* | *WNW/114.4* | *60.6 / -1.31* | ***CONSEIL SCOLAIRE DE LANGUE FRANCAILSE PRESEAULT 1080 RUE SAINT PIERRE*** | ***GEN*** |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| | | | | ***ORLEANS ON K1C 1L3*** | |

***Generator No:*** ON1285750
***SIC Code:*** 8511
***SIC Description:*** ELEMT./SECON. EDUC.
***Approval Years:*** 94,95,96,97,98
***PO Box No:***
***Country:***
***Status:***
***Co Admin:***
***Choice of Contact:***
***Phone No Admin:***
***Contaminated Facility:***
***MHSW Facility:***

***Detail(s)***

***Waste Class:*** 243
***Waste Class Name:*** PCB'S

---

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 9 | *2 of 3* | *WNW/114.4* | *60.6 / -1.31* | ***CONSEIL DES ECOLES CATHOLIQUES DE LANGUE***<br>***PRESEAULT 1080 RUE SAINT PIERRE***<br>***ORLEANS ON K1C 1L3*** | ***GEN*** |

***Generator No:*** ON1285750
***SIC Code:*** 8511
***SIC Description:*** ELEMT./SECON. EDUC.
***Approval Years:*** 99,00,01
***PO Box No:***
***Country:***
***Status:***
***Co Admin:***
***Choice of Contact:***
***Phone No Admin:***
***Contaminated Facility:***
***MHSW Facility:***

***Detail(s)***

***Waste Class:*** 243
***Waste Class Name:*** PCB'S

---

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 9 | *3 of 3* | *WNW/114.4* | *60.6 / -1.31* | ***1080 St Pierre St***<br>***Ottawa ON*** | ***EHS*** |

***Order No:*** 20160121067
***Status:*** C
***Report Type:*** Standard Report
***Report Date:*** 28-JAN-16
***Date Received:*** 21-JAN-16
***Previous Site Name:***
***Lot/Building Size:***
***Additional Info Ordered:*** City Directory

***Nearest Intersection:***
***Municipality:***
***Client Prov/State:*** ON
***Search Radius (km):*** .25
***X:*** -75.523643
***Y:*** 45.475422

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| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 10 | *1 of 1* | *ESE/122.4* | *64.9 / 3.00* | ***PromoGolfBall***<br>***1159 St-Pierre***<br>***Orleans ON K1C 1L4*** | ***GEN*** |

***Generator No:*** ON5671352

***SIC Code:***
***SIC Description:***
***Approval Years:*** As of Oct 2019
***PO Box No:***
***Country:*** Canada
***Status:*** Registered
***Co Admin:***
***Choice of Contact:***
***Phone No Admin:***
***Contaminated Facility:***
***MHSW Facility:***

***Detail(s)***

***Waste Class:*** 263 L
***Waste Class Name:*** Misc. waste organic chemicals

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**11** | ***1 of 1*** | ***NW/136.3*** | ***60.9 / -1.01*** | ***SCHOOL***
***DEAD END OF ST. PIERRE ST. AT ECOLE PRESAULT.***
***GLOUCESTER CITY ON*** | ***SPL***

***Ref No:*** 160337
***Year:***
***Incident Dt:*** 9/21/1998
***Dt MOE Arvl on Scn:***
***MOE Reported Dt:*** 9/21/1998
***Dt Document Closed:***
***Site No:***
***MOE Response:***
***Site County/District:***
***Site Geo Ref Meth:***
***Site District Office:***
***Nearest Watercourse:***
***Site Name:***
***Site Address:***
***Site Region:***
***Site Municipality:*** GLOUCESTER CITY
***Site Lot:***
***Site Conc:***
***Site Geo Ref Accu:***
***Site Map Datum:***
***Northing:***
***Easting:***
***Incident Cause:*** PIPE/HOSE LEAK
***Incident Preceding Spill:***
***Environment Impact:*** CONFIRMED
***Health Env Consequence:***
***Nature of Impact:*** Soil contamination
***Contaminant Qty:***
***System Facility Address:***
***Client Name:***
***Client Type:***
***Source Type:***
***Contaminant Code:***
***Contaminant Name:***
***Contaminant Limit 1:***
***Contam Limit Freq 1:***
***Contaminant UN No 1:***
***Receiving Medium:*** LAND
***Incident Reason:*** EQUIPMENT FAILURE
***Incident Summary:*** ECOLE PRESAULT/SEPARATE S. B.-PLUGGED UP SANITARYSEWAGE OVERFLOW.O-C R.M.
***Activity Preceding Spill:***
***Property 2nd Watershed:***

***Municipality No:*** 20105
***Nature of Damage:***
***Discharger Report:***
***Material Group:***
***Impact to Health:***
***Agency Involved:*** OTTAWA CARLETON R. M.

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

**Property Tertiary Watershed:**
**Sector Type:**
**SAC Action Class:**
**Call Report Locatn Geodata:**

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**12** | **1 of 1** | **WNW/141.7** | **59.8 / -2.03** | **1085 and 1080 St. Pierre Street Ottawa ON** | **EHS**

| | | | |
|---|---|---|---|
| **Order No:** | 20160405074 | **Nearest Intersection:** | |
| **Status:** | C | **Municipality:** | |
| **Report Type:** | Custom Report | **Client Prov/State:** | ON |
| **Report Date:** | 12-APR-16 | **Search Radius (km):** | .25 |
| **Date Received:** | 05-APR-16 | **X:** | -75.52365 |
| **Previous Site Name:** | | **Y:** | 45.475384 |
| **Lot/Building Size:** | | | |

**Additional Info Ordered:** City Directory; Aerial Photos

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**13** | **1 of 9** | **SE/147.0** | **62.7 / 0.84** | **SCOTT'S HOSPITALITY INC. 2795 ST. JOSEPH'S BLVD. GLOUCESTER CITY ON** | **CA**

| | |
|---|---|
| **Certificate #:** | 8-4172-94- |
| **Application Year:** | 94 |
| **Issue Date:** | 11/10/1994 |
| **Approval Type:** | Industrial air |
| **Status:** | Cancelled |
| **Application Type:** | |
| **Client Name:** | |
| **Client Address:** | |
| **Client City:** | |
| **Client Postal Code:** | |
| **Project Description:** | KITCHEN EXHAUST FOR KFC STORE #598 |
| **Contaminants:** | |
| **Emission Control:** | |

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**13** | **2 of 9** | **SE/147.0** | **62.7 / 0.84** | **SCOTT'S HOSPITALITY INC. 2795 ST. JOSEPH'S BLVD. GLOUCESTER CITY ON** | **CA**

| | |
|---|---|
| **Certificate #:** | 8-4172-94-956 |
| **Application Year:** | 94 |
| **Issue Date:** | 2/10/95 |
| **Approval Type:** | Industrial air |
| **Status:** | Received in 1994, Issued in 1995 |
| **Application Type:** | |
| **Client Name:** | |
| **Client Address:** | |
| **Client City:** | |
| **Client Postal Code:** | |
| **Project Description:** | KITCHEN EXHAUST FOR KFC STORE # 598 |
| **Contaminants:** | Odour/Fumes |
| **Emission Control:** | Panel Filter |

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**13** | **3 of 9** | **SE/147.0** | **62.7 / 0.84** | **2795 St. Josephs Blvd Orleans ON** | **EHS**

| | | | |
|---|---|---|---|
| **Order No:** | 20020923013 | **Nearest Intersection:** | |
| **Status:** | C | **Municipality:** | |
| **Report Type:** | Site Report | **Client Prov/State:** | ON |

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

| | | | |
|---|---|---|---|
| **Report Date:** | 9/27/02 | **Search Radius (km):** | 0.25 |
| **Date Received:** | 9/23/02 | **X:** | -75.520813 |
| **Previous Site Name:** | | **Y:** | 45.473339 |
| **Lot/Building Size:** | | | |
| **Additional Info Ordered:** | | | |

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**13** | **4 of 9** | **SE/147.0** | **62.7 / 0.84** | **A2795 ST JOSEPHS BD ORLEANS ON** | **EHS**

| | | | |
|---|---|---|---|
| **Order No:** | 20050726012 | **Nearest Intersection:** | |
| **Status:** | C | **Municipality:** | |
| **Report Type:** | Basic Report | **Client Prov/State:** | ON |
| **Report Date:** | 7/28/2005 | **Search Radius (km):** | 0.25 |
| **Date Received:** | 7/26/2005 | **X:** | -75.520926 |
| **Previous Site Name:** | | **Y:** | 45.473417 |
| **Lot/Building Size:** | | | |
| **Additional Info Ordered:** | | | |

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**13** | **5 of 9** | **SE/147.0** | **62.7 / 0.84** | **2795 St joseph Blvd Orleans ON K1C 1G4** | **EHS**

| | | | |
|---|---|---|---|
| **Order No:** | 20100408060 | **Nearest Intersection:** | |
| **Status:** | C | **Municipality:** | |
| **Report Type:** | Custom Report | **Client Prov/State:** | ON |
| **Report Date:** | 4/19/2010 | **Search Radius (km):** | 0.25 |
| **Date Received:** | 4/8/2010 | **X:** | -75.520813 |
| **Previous Site Name:** | | **Y:** | 45.473339 |
| **Lot/Building Size:** | | | |
| **Additional Info Ordered:** | | | |

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**13** | **6 of 9** | **SE/147.0** | **62.7 / 0.84** | **2795 St. Joseph Blvd. Orleans ON K1C 1G4** | **EHS**

| | | | |
|---|---|---|---|
| **Order No:** | 20120508045 | **Nearest Intersection:** | |
| **Status:** | C | **Municipality:** | |
| **Report Type:** | Standard Report | **Client Prov/State:** | ON |
| **Report Date:** | 5/11/2012 | **Search Radius (km):** | 0.25 |
| **Date Received:** | 5/8/2012 | **X:** | -75.520813 |
| **Previous Site Name:** | | **Y:** | 45.473339 |
| **Lot/Building Size:** | | | |
| **Additional Info Ordered:** | | | |

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**13** | **7 of 9** | **SE/147.0** | **62.7 / 0.84** | **City of Ottawa 2795 St Josephs Ottawa ON** | **SPL**

| | | | |
|---|---|---|---|
| **Ref No:** | 0607-9AQLKA | **Municipality No:** | |
| **Year:** | | **Nature of Damage:** | |
| **Incident Dt:** | 2013/08/19 | **Discharger Report:** | |
| **Dt MOE Arvl on Scn:** | | **Material Group:** | |
| **MOE Reported Dt:** | 2013/08/19 | **Impact to Health:** | |
| **Dt Document Closed:** | | **Agency Involved:** | |
| **Site No:** | | | |
| **MOE Response:** | No Field Response | | |
| **Site County/District:** | | | |
| **Site Geo Ref Meth:** | | | |
| **Site District Office:** | | | |
| **Nearest Watercourse:** | | | |
| **Site Name:** | Mom's Chicken<UNOFFICIAL> | | |

| | |
|---|---|
| **Site Address:** | 2795 St Josephs |
| **Site Region:** | |
| **Site Municipality:** | Ottawa |
| **Site Lot:** | |
| **Site Conc:** | |
| **Site Geo Ref Accu:** | |
| **Site Map Datum:** | |
| **Northing:** | |
| **Easting:** | |
| **Incident Cause:** | Dumping |
| **Incident Preceding Spill:** | |
| **Environment Impact:** | Not Anticipated |
| **Health Env Consequence:** | |
| **Nature of Impact:** | Other Impact(s) |
| **Contaminant Qty:** | 0 other - see incident description |
| **System Facility Address:** | |
| **Client Name:** | City of Ottawa |
| **Client Type:** | |
| **Source Type:** | |
| **Contaminant Code:** | 14 |
| **Contaminant Name:** | GREASE (N.O.S.) |
| **Contaminant Limit 1:** | |
| **Contam Limit Freq 1:** | |
| **Contaminant UN No 1:** | |
| **Receiving Medium:** | |
| **Incident Reason:** | Operator/Human Error |
| **Incident Summary:** | Ottawa: grease into catch basin |
| **Activity Preceding Spill:** | |
| **Property 2nd Watershed:** | |
| **Property Tertiary Watershed:** | |
| **Sector Type:** | Sewer (Private or Municipal) |
| **SAC Action Class:** | Land Spills |
| **Call Report Locatn Geodata:** | |

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**13** | ***8 of 9*** | ***SE/147.0*** | ***62.7 / 0.84*** | ***2795 St. Josephs Boulevard Orleans ON*** | ***EHS***

| | | | |
|---|---|---|---|
| **Order No:** | 20170131131 | **Nearest Intersection:** | |
| **Status:** | C | **Municipality:** | |
| **Report Type:** | Standard Report | **Client Prov/State:** | ON |
| **Report Date:** | 07-FEB-17 | **Search Radius (km):** | .25 |
| **Date Received:** | 31-JAN-17 | **X:** | -75.521167 |
| **Previous Site Name:** | | **Y:** | 45.473511 |
| **Lot/Building Size:** | | | |
| **Additional Info Ordered:** | | | |

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**13** | ***9 of 9*** | ***SE/147.0*** | ***62.7 / 0.84*** | ***2795 St Joseph Blvd Orléans ON K1C 1G4*** | ***EHS***

| | | | |
|---|---|---|---|
| **Order No:** | 21031100316 | **Nearest Intersection:** | |
| **Status:** | C | **Municipality:** | |
| **Report Type:** | Standard Report | **Client Prov/State:** | ON |
| **Report Date:** | 16-MAR-21 | **Search Radius (km):** | .25 |
| **Date Received:** | 11-MAR-21 | **X:** | -75.5211624 |
| **Previous Site Name:** | | **Y:** | 45.4735132 |
| **Lot/Building Size:** | | | |
| **Additional Info Ordered:** | Fire Insur. Maps and/or Site Plans; Title Searches; City Directory | | |

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**14** | ***1 of 1*** | ***NE/167.2*** | ***64.9 / 3.03*** | ***6870 Rocque Street Orléans ON K1C 1A5*** | ***EHS***

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

| | | | |
|---|---|---|---|
| **Order No:** | 23090600396 | **Nearest Intersection:** | |
| **Status:** | C | **Municipality:** | |
| **Report Type:** | Standard Report | **Client Prov/State:** | ON |
| **Report Date:** | 11-SEP-23 | **Search Radius (km):** | .25 |
| **Date Received:** | 06-SEP-23 | **X:** | -75.5210881 |
| **Previous Site Name:** | | **Y:** | 45.4758991 |
| **Lot/Building Size:** | | | |
| **Additional Info Ordered:** | Title Searches; Topographic Maps; City Directory | | |

**15** **1 of 1** **ESE/172.7** **63.8 / 1.95** **ON** **BORE**

| | | | |
|---|---|---|---|
| **Borehole ID:** | 615420 | **Inclin FLG:** | No |
| **OGF ID:** | 215516362 | **SP Status:** | Initial Entry |
| **Status:** | | **Surv Elev:** | No |
| **Type:** | Borehole | **Piezometer:** | No |
| **Use:** | Geotechnical/Geological Investigation | **Primary Name:** | |
| **Completion Date:** | AUG-1970 | **Municipality:** | |
| **Static Water Level:** | | **Lot:** | |
| **Primary Water Use:** | Not Used | **Township:** | |
| **Sec. Water Use:** | | **Latitude DD:** | 45.473572 |
| **Total Depth m:** | 14.9 | **Longitude DD:** | -75.520567 |
| **Depth Ref:** | Ground Surface | **UTM Zone:** | 18 |
| **Depth Elev:** | | **Easting:** | 459311 |
| **Drill Method:** | Power auger | **Northing:** | 5035692 |
| **Orig Ground Elev m:** | 67.5 | **Location Accuracy:** | |
| **Elev Reliabil Note:** | | **Accuracy:** | Not Applicable |
| **DEM Ground Elev m:** | 67.4 | | |
| **Concession:** | | | |
| **Location D:** | | | |
| **Survey D:** | | | |
| **Comments:** | | | |

***Borehole Geology Stratum***

| | | | |
|---|---|---|---|
| **Geology Stratum ID:** | 218401464 | **Mat Consistency:** | Dense |
| **Top Depth:** | 4.3 | **Material Moisture:** | |
| **Bottom Depth:** | 14.9 | **Material Texture:** | |
| **Material Color:** | Grey | **Non Geo Mat Type:** | |
| **Material 1:** | Clay | **Geologic Formation:** | |
| **Material 2:** | Silt | **Geologic Group:** | |
| **Material 3:** | | **Geologic Period:** | |
| **Material 4:** | | **Depositional Gen:** | |
| **Gsc Material Description:** | | | |
| **Stratum Description:** | CLAY. GREY,FIRM. CK. GREY. 2000158NSE TO VERY DENSE. BEDROCK. GREY,SOUND. 0000002505<br>**Note: Many records provided by the department have a truncated [Stratum Description] field. | | |

| | | | |
|---|---|---|---|
| **Geology Stratum ID:** | 218401462 | **Mat Consistency:** | Stiff |
| **Top Depth:** | 1.2 | **Material Moisture:** | |
| **Bottom Depth:** | 3 | **Material Texture:** | |
| **Material Color:** | Grey | **Non Geo Mat Type:** | |
| **Material 1:** | Clay | **Geologic Formation:** | |
| **Material 2:** | Silt | **Geologic Group:** | |
| **Material 3:** | | **Geologic Period:** | |
| **Material 4:** | | **Depositional Gen:** | |
| **Gsc Material Description:** | | | |
| **Stratum Description:** | CLAY. GREY,RED,VERY STIFF. | | |

| | | | |
|---|---|---|---|
| **Geology Stratum ID:** | 218401463 | **Mat Consistency:** | Firm |
| **Top Depth:** | 3 | **Material Moisture:** | |
| **Bottom Depth:** | 4.3 | **Material Texture:** | |
| **Material Color:** | Brown | **Non Geo Mat Type:** | |

| | | | |
|---|---|---|---|
| **Material 1:** | Clay | **Geologic Formation:** | |
| **Material 2:** | Silt | **Geologic Group:** | |
| **Material 3:** | | **Geologic Period:** | |
| **Material 4:** | | **Depositional Gen:** | |
| **Gsc Material Description:** | | | |
| **Stratum Description:** | CLAY. RED,BROWN,FIRM,STIFF. | | |

| | | | |
|---|---|---|---|
| **Geology Stratum ID:** | 218401461 | **Mat Consistency:** | |
| **Top Depth:** | 0 | **Material Moisture:** | |
| **Bottom Depth:** | 1.2 | **Material Texture:** | |
| **Material Color:** | Brown | **Non Geo Mat Type:** | |
| **Material 1:** | | **Geologic Formation:** | |
| **Material 2:** | Sand | **Geologic Group:** | |
| **Material 3:** | Gravel | **Geologic Period:** | |
| **Material 4:** | | **Depositional Gen:** | |
| **Gsc Material Description:** | | | |
| **Stratum Description:** | ARTIFICIAL. BROWN. | | |

***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:** | H | **Horizontal:** | NAD27 |
| **Observatio:** | | **Verticalda:** | Mean Average Sea Level |
| **Source Name:** | Urban Geology Automated Information System (UGAIS) | | |
| **Source Details:** | File: OTTAWA2.txt RecordID: 079280 NTS_Sheet: 31G05H | | |
| **Confiden 1:** | Logged by professional. Exact and complete description of material and properties. | | |

***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 |
|---|---|---|---|---|---|
| 16 | 1 of 1 | NE/174.4 | 64.9 / 3.03 | 6870 & 6880 Rocque St, and 1113 Maisonneuve St<br>Orléans ON K1C 1K9 | EHS |

| | | | |
|---|---|---|---|
| **Order No:** | 23030800025 | **Nearest Intersection:** | |
| **Status:** | C | **Municipality:** | |
| **Report Type:** | Standard Report | **Client Prov/State:** | ON |
| **Report Date:** | 13-MAR-23 | **Search Radius (km):** | .25 |
| **Date Received:** | 08-MAR-23 | **X:** | -75.5209357 |
| **Previous Site Name:** | | **Y:** | 45.4759065 |
| **Lot/Building Size:** | | | |
| **Additional Info Ordered:** | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 17 | 1 of 1 | SE/178.2 | 62.7 / 0.80 | lot 2 con 1<br>ON | WWIS |

| | | | |
|---|---|---|---|
| **Well ID:** | 1500621 | **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:** | 08/18/1959 |
| **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:** | 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:** | GLOUCESTER TOWNSHIP | | |
| **Site Info:** | | | |

**PDF URL (Map):** https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500621.pdf

***Additional Detail(s) (Map)***

| | |
|---|---|
| **Well Completed Date:** | 03/14/1959 |
| **Year Completed:** | 1959 |
| **Depth (m):** | 16.1544 |
| **Latitude:** | 45.4733075513167 |
| **Longitude:** | -75.5208837913754 |
| **X:** | -75.52088362817747 |
| **Y:** | 45.47330754412664 |
| **Path:** | 150\1500621.pdf |

***Bore Hole Information***

| | | | |
|---|---|---|---|
| **Bore Hole ID:** | 10022664 | **Elevation:** | |
| **DP2BR:** | | **Elevrc:** | |
| **Spatial Status:** | | **Zone:** | 18 |
| **Code OB:** | | **East83:** | 459285.80 |
| **Code OB Desc:** | | **North83:** | 5035663.00 |
| **Open Hole:** | | **Org CS:** | |
| **Cluster Kind:** | | **UTMRC:** | 5 |
| **Date Completed:** | 03/14/1959 | **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:** | 930989741 |
| **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:** | 40.0 |
| **Formation End Depth:** | 42.0 |
| **Formation End Depth UOM:** | ft |

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| ***Formation ID:*** | 930989740 |
| ***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:*** | 40.0 |
| ***Formation End Depth UOM:*** | ft |

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| ***Formation ID:*** | 930989742 |
| ***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:*** | 42.0 |
| ***Formation End Depth:*** | 53.0 |
| ***Formation End Depth UOM:*** | ft |

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

| | |
|---|---|
| ***Method Construction ID:*** | 961500621 |
| ***Method Construction Code:*** | 7 |
| ***Method Construction:*** | Diamond |
| ***Other Method Construction:*** | |

***Pipe Information***

| | |
|---|---|
| ***Pipe ID:*** | 10571234 |
| ***Casing No:*** | 1 |
| ***Comment:*** | |
| ***Alt Name:*** | |

***Construction Record - Casing***

| | |
|---|---|
| ***Casing ID:*** | 930038242 |
| ***Layer:*** | 2 |
| ***Material:*** | 4 |
| ***Open Hole or Material:*** | OPEN HOLE |
| ***Depth From:*** | |
| ***Depth To:*** | 53.0 |
| ***Casing Diameter:*** | 2.0 |
| ***Casing Diameter UOM:*** | inch |
| ***Casing Depth UOM:*** | ft |

***Construction Record - Casing***

| | |
|---|---|
| **Casing ID:** | 930038241 |
| **Layer:** | 1 |
| **Material:** | 1 |
| **Open Hole or Material:** | STEEL |
| **Depth From:** | |
| **Depth To:** | 43.0 |
| **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:** | 991500621 |
| **Pump Set At:** | |
| **Static Level:** | 10.0 |
| **Final Level After Pumping:** | 25.0 |
| **Recommended Pump Depth:** | 20.0 |
| **Pumping Rate:** | 6.0 |
| **Flowing Rate:** | |
| **Recommended Pump Rate:** | 5.0 |
| **Levels UOM:** | ft |
| **Rate UOM:** | GPM |
| **Water State After Test Code:** | 1 |
| **Water State After Test:** | CLEAR |
| **Pumping Test Method:** | 1 |
| **Pumping Duration HR:** | 2 |
| **Pumping Duration MIN:** | 0 |
| **Flowing:** | No |

***Water Details***

| | |
|---|---|
| **Water ID:** | 933453156 |
| **Layer:** | 1 |
| **Kind Code:** | 3 |
| **Kind:** | SULPHUR |
| **Water Found Depth:** | 53.0 |
| **Water Found Depth UOM:** | ft |

**18** | ***1 of 1*** | ***ESE/180.4*** | ***65.2 / 3.27*** | ***lot 2 con 1 ON*** | ***WWIS***

| | | | |
|---|---|---|---|
| **Well ID:** | 1500619 | **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:** | 08/18/1959 |
| **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:** | 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:** | GLOUCESTER TOWNSHIP | | |
| **Site Info:** | | | |

***PDF URL (Map):*** https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500619.pdf

***Additional Detail(s) (Map)***

***Well Completed Date:*** 02/03/1959
***Year Completed:*** 1959
***Depth (m):*** 19.812
***Latitude:*** 45.4736249119119
***Longitude:*** -75.5203749653871
***X:*** -75.52037480277974
***Y:*** 45.473624904828775
***Path:*** 150\1500619.pdf

***Bore Hole Information***

***Bore Hole ID:*** 10022662
***DP2BR:***
***Spatial Status:***
***Code OB:***
***Code OB Desc:***
***Open Hole:***
***Cluster Kind:***
***Date Completed:*** 02/03/1959
***Remarks:***
***Elevation:***
***Elevrc:***
***Zone:*** 18
***East83:*** 459325.80
***North83:*** 5035698.00
***Org CS:***
***UTMRC:*** 5
***UTMRC Desc:*** margin of error : 100 m - 300 m
***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:*** 930989734
***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:*** 45.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 930989735
***Layer:*** 2
***Color:***
***General Color:***
***Material 1:*** 13
***Material 1 Desc:*** BOULDERS
***Material 2:*** 11
***Material 2 Desc:*** GRAVEL
***Material 3:***

***Material 3 Desc:***
***Formation Top Depth:*** 45.0
***Formation End Depth:*** 54.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 930989736
***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:*** 54.0
***Formation End Depth:*** 65.0
***Formation End Depth UOM:*** ft

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

***Method Construction ID:*** 961500619
***Method Construction Code:*** 7
***Method Construction:*** Diamond
***Other Method Construction:***

***Pipe Information***

***Pipe ID:*** 10571232
***Casing No:*** 1
***Comment:***
***Alt Name:***

***Construction Record - Casing***

***Casing ID:*** 930038239
***Layer:*** 2
***Material:*** 4
***Open Hole or Material:*** OPEN HOLE
***Depth From:***
***Depth To:*** 65.0
***Casing Diameter:*** 2.0
***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Construction Record - Casing***

***Casing ID:*** 930038238
***Layer:*** 1
***Material:*** 1
***Open Hole or Material:*** STEEL
***Depth From:***
***Depth To:*** 52.0
***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:*** | 991500619 |
| ***Pump Set At:*** | |
| ***Static Level:*** | 20.0 |
| ***Final Level After Pumping:*** | 40.0 |
| ***Recommended Pump Depth:*** | 25.0 |
| ***Pumping Rate:*** | 8.0 |
| ***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:*** | 2 |
| ***Pumping Duration MIN:*** | 0 |
| ***Flowing:*** | No |

***Water Details***

| | |
|---|---|
| ***Water ID:*** | 933453154 |
| ***Layer:*** | 1 |
| ***Kind Code:*** | 1 |
| ***Kind:*** | FRESH |
| ***Water Found Depth:*** | 65.0 |
| ***Water Found Depth UOM:*** | ft |

**19** ***1 of 1*** ***NNW/185.1*** ***60.2 / -1.69*** ***lot 2 con 1 ON*** ***WWIS***

| | | | |
|---|---|---|---|
| ***Well ID:*** | 1500606 | ***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:*** | 02/25/1963 |
| ***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:*** | 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:*** | GLOUCESTER TOWNSHIP | | |
| ***Site Info:*** | | | |

***PDF URL (Map):*** https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500606.pdf

***Additional Detail(s) (Map)***

| | |
|---|---|
| ***Well Completed Date:*** | 12/17/1962 |
| ***Year Completed:*** | 1962 |
| ***Depth (m):*** | 7.9248 |
| ***Latitude:*** | 45.4761781561299 |
| ***Longitude:*** | -75.5230225803344 |
| ***X:*** | -75.52302241799954 |

**Y:** 45.476178148664914
**Path:** 150\1500606.pdf

***Bore Hole Information***

| | | | |
|---|---|---|---|
| **Bore Hole ID:** | 10022649 | **Elevation:** | |
| **DP2BR:** | | **Elevrc:** | |
| **Spatial Status:** | | **Zone:** | 18 |
| **Code OB:** | | **East83:** | 459120.70 |
| **Code OB Desc:** | | **North83:** | 5035983.00 |
| **Open Hole:** | | **Org CS:** | |
| **Cluster Kind:** | | **UTMRC:** | 5 |
| **Date Completed:** | 12/17/1962 | **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:** 930989706
**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:** 22.0
**Formation End Depth UOM:** ft

***Overburden and Bedrock Materials Interval***

**Formation ID:** 930989707
**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:** 22.0
**Formation End Depth:** 26.0
**Formation End Depth UOM:** ft

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

**Method Construction ID:** 961500606
**Method Construction Code:** 7
**Method Construction:** Diamond

***Other Method Construction:***

***Pipe Information***

***Pipe ID:*** 10571219
***Casing No:*** 1
***Comment:***
***Alt Name:***

***Construction Record - Casing***

***Casing ID:*** 930038217
***Layer:*** 1
***Material:*** 1
***Open Hole or Material:*** STEEL
***Depth From:***
***Depth To:*** 26.0
***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:*** 991500606
***Pump Set At:***
***Static Level:*** 10.0
***Final Level After Pumping:*** 20.0
***Recommended Pump Depth:*** 20.0
***Pumping Rate:*** 8.0
***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:*** 1
***Pumping Duration HR:*** 1
***Pumping Duration MIN:*** 0
***Flowing:*** No

***Water Details***

***Water ID:*** 933453141
***Layer:*** 1
***Kind Code:*** 1
***Kind:*** FRESH
***Water Found Depth:*** 26.0
***Water Found Depth UOM:*** ft

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**20** | ***1 of 16*** | ***NNW/189.3*** | ***60.2 / -1.69*** | ***TRANSPORT TRUCK LOBLAWS, 1226 D'ORLEANS DR. MOTOR VEHICLE (OPERATING FLUID) OTTAWA CITY ON K1C 7K3*** | ***SPL***

***Ref No:*** 215301
***Year:***
***Incident Dt:*** 11/2/2001
***Dt MOE Arvl on Scn:***
***MOE Reported Dt:*** 11/2/2001
***Dt Document Closed:***
***Site No:***

***Municipality No:*** 20107
***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 |
|---|---|---|---|---|---|

***MOE Response:***
***Site County/District:***
***Site Geo Ref Meth:***
***Site District Office:***
***Nearest Watercourse:***
***Site Name:***
***Site Address:***
***Site Region:***
***Site Municipality:*** OTTAWA CITY
***Site Lot:***
***Site Conc:***
***Site Geo Ref Accu:***
***Site Map Datum:***
***Northing:***
***Easting:***
***Incident Cause:*** UNKNOWN
***Incident Preceding Spill:***
***Environment Impact:*** Not Anticipated
***Health Env Consequence:***
***Nature of Impact:*** Other
***Contaminant Qty:***
***System Facility Address:***
***Client Name:***
***Client Type:***
***Source Type:***
***Contaminant Code:***
***Contaminant Name:***
***Contaminant Limit 1:***
***Contam Limit Freq 1:***
***Contaminant UN No 1:***
***Receiving Medium:*** Land
***Incident Reason:*** UNKNOWN
***Incident Summary:*** TRANSPORT TRUCK: SMALL AMOUNT OF DIESEL FUEL TO PARKING LOT. CLEANED
***Activity Preceding Spill:***
***Property 2nd Watershed:***
***Property Tertiary Watershed:***
***Sector Type:***
***SAC Action Class:***
***Call Report Locatn Geodata:***

---

| | | | | | |
|---|---|---|---|---|---|
| 20 | *2 of 16* | *NNW/189.3* | *60.2 / -1.69* | ***PRIVATE OWNER***<br>***1226 PLACE ORLEANS DR. MOTOR VEHICLE (OPERATING FLUID)***<br>***OTTAWA CITY ON K1C 7K3*** | *SPL* |

***Ref No:*** 233808
***Year:***
***Incident Dt:*** 7/29/2002
***Dt MOE Arvl on Scn:***
***MOE Reported Dt:*** 7/29/2002
***Dt Document Closed:***
***Site No:***
***MOE Response:***
***Site County/District:***
***Site Geo Ref Meth:***
***Site District Office:***
***Nearest Watercourse:***
***Site Name:***
***Site Address:***
***Site Region:***
***Site Municipality:*** OTTAWA CITY
***Site Lot:***
***Site Conc:***
***Site Geo Ref Accu:***

***Municipality No:*** 20107
***Nature of Damage:***
***Discharger Report:***
***Material Group:***
***Impact to Health:***
***Agency Involved:*** FIRE DEPT., POLICE, DRAIN ALL

**Site Map Datum:**
**Northing:**
**Easting:**
**Incident Cause:** OTHER TRANSPORTATION ACCIDENT
**Incident Preceding Spill:**
**Environment Impact:** POSSIBLE
**Health Env Consequence:**
**Nature of Impact:** Soil contamination
**Contaminant Qty:**
**System Facility Address:**
**Client Name:**
**Client Type:**
**Source Type:**
**Contaminant Code:**
**Contaminant Name:**
**Contaminant Limit 1:**
**Contam Limit Freq 1:**
**Contaminant UN No 1:**
**Receiving Medium:** LAND
**Incident Reason:** EQUIPMENT FAILURE
**Incident Summary:** DODGE VAN LIC# 6092 ES, FUEL TANK FELL OFF, PAR-KED IN LOBLAWS PARKING
**Activity Preceding Spill:**
**Property 2nd Watershed:**
**Property Tertiary Watershed:**
**Sector Type:**
**SAC Action Class:**
**Call Report Locatn Geodata:**

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| | | | | | |
|---|---|---|---|---|---|
| 20 | 3 of 16 | NNW/189.3 | 60.2 / -1.69 | GROCERY STORE<br>1226 PLACE D'ORLEANS DRIVE AT THE BACK OF LOBLAWS STORE.<br>OTTAWA CITY ON K1C 7K3 | SPL |

**Ref No:** 233912
**Year:**
**Incident Dt:** 7/29/2002
**Dt MOE Arvl on Scn:**
**MOE Reported Dt:** 7/30/2002
**Dt Document Closed:**
**Site No:**
**MOE Response:**
**Site County/District:**
**Site Geo Ref Meth:**
**Site District Office:**
**Nearest Watercourse:**
**Site Name:**
**Site Address:**
**Site Region:**
**Site Municipality:** OTTAWA CITY
**Site Lot:**
**Site Conc:**
**Site Geo Ref Accu:**
**Site Map Datum:**
**Northing:**
**Easting:**
**Incident Cause:** VALVE/FITTING LEAK OR FAILURE
**Incident Preceding Spill:**
**Environment Impact:** POSSIBLE
**Health Env Consequence:**
**Nature of Impact:** Soil contamination
**Contaminant Qty:**
**System Facility Address:**
**Client Name:**
**Client Type:**
**Municipality No:** 20107
**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 |
|---|---|---|---|---|---|

***Source Type:***
***Contaminant Code:***
***Contaminant Name:***
***Contaminant Limit 1:***
***Contam Limit Freq 1:***
***Contaminant UN No 1:***
***Receiving Medium:*** LAND
***Incident Reason:*** EQUIPMENT FAILURE
***Incident Summary:*** LOBLAWS GROCERY STORE-1 LHYDRAULIC OIL TO CONCRETEFROM COMPACTOR,CLEANING.
***Activity Preceding Spill:***
***Property 2nd Watershed:***
***Property Tertiary Watershed:***
***Sector Type:***
***SAC Action Class:***
***Call Report Locatn Geodata:***

---

| | | | | | |
|---|---|---|---|---|---|
| 20 | ***4 of 16*** | ***NNW/189.3*** | ***60.2 / -1.69*** | ***DRUG STORE PHARMACY, THE***<br>***1226 ORLEANS PLACE DRIVE***<br>***ORLEANS ON K1C 7K3*** | ***GEN*** |

***Generator No:*** ON2539603
***SIC Code:*** 6031
***SIC Description:*** PHARMACIES
***Approval Years:*** 01
***PO Box No:***
***Country:***
***Status:***
***Co Admin:***
***Choice of Contact:***
***Phone No Admin:***
***Contaminated Facility:***
***MHSW Facility:***

***Detail(s)***

***Waste Class:*** 261
***Waste Class Name:*** PHARMACEUTICALS

***Waste Class:*** 312
***Waste Class Name:*** PATHOLOGICAL WASTES

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| | | | | | |
|---|---|---|---|---|---|
| 20 | ***5 of 16*** | ***NNW/189.3*** | ***60.2 / -1.69*** | ***LOBLAWS Companies East***<br>***1226 Place D'Orleans***<br>***Orleans ON K1C 7K3*** | ***GEN*** |

***Generator No:*** ON4626979
***SIC Code:***
***SIC Description:***
***Approval Years:*** 02,03,04
***PO Box No:***
***Country:***
***Status:***
***Co Admin:***
***Choice of Contact:***
***Phone No Admin:***
***Contaminated Facility:***
***MHSW Facility:***

***Detail(s)***

***Waste Class:*** 242
***Waste Class Name:*** HALOGENATED PESTICIDES

**Waste Class:** 282
**Waste Class Name:** NON-HALOGENATED LEAN ORGANICS

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20 **6 of 16** **NNW/189.3** **60.2 / -1.69** **Loblaws Inc.**
**1226 Place Orleans**
**Ottawa ON K1C 2W2**
**SPL**

**Ref No:** 3670-72JRBX
**Year:**
**Incident Dt:**
**Dt MOE Arvl on Scn:**
**MOE Reported Dt:** 4/23/2007
**Dt Document Closed:** 4/27/2007
**Site No:**
**MOE Response:** No Field Response
**Site County/District:**
**Site Geo Ref Meth:**
**Site District Office:**
**Nearest Watercourse:**
**Site Name:** Loblaws<UNOFFICIAL>
**Site Address:**
**Site Region:**
**Site Municipality:** Ottawa
**Site Lot:**
**Site Conc:**
**Site Geo Ref Accu:**
**Site Map Datum:**
**Northing:**
**Easting:**
**Incident Cause:** Cooling System Leak
**Incident Preceding Spill:**
**Environment Impact:** Not Anticipated
**Health Env Consequence:**
**Nature of Impact:** Air Pollution
**Contaminant Qty:** 113 kg
**System Facility Address:**
**Client Name:** Loblaws Inc.
**Client Type:**
**Source Type:**
**Contaminant Code:** 38
**Contaminant Name:** REFRIGERANT GAS, N.O.S.
**Contaminant Limit 1:**
**Contam Limit Freq 1:**
**Contaminant UN No 1:**
**Receiving Medium:** Air
**Incident Reason:** Other - Reason not otherwise defined
**Incident Summary:** Loblaws- 250 lb R22 to atm
**Activity Preceding Spill:**
**Property 2nd Watershed:**
**Property Tertiary Watershed:**
**Sector Type:** Other
**SAC Action Class:**
**Call Report Locatn Geodata:**

**Municipality No:**
**Nature of Damage:**
**Discharger Report:**
**Material Group:** Gases/Particulate
**Impact to Health:**
**Agency Involved:**

---

20 **7 of 16** **NNW/189.3** **60.2 / -1.69** **Loblaws Inc.**
**1226 Place D'Orleans**
**Ottawa ON**
**SPL**

**Ref No:** 1413-7C3MJW
**Year:**
**Incident Dt:**
**Dt MOE Arvl on Scn:**

**Municipality No:**
**Nature of Damage:**
**Discharger Report:**
**Material Group:**

| | | | |
|---|---|---|---|
| **MOE Reported Dt:** | 2/22/2008 | **Impact to Health:** | |
| **Dt Document Closed:** | 3/27/2008 | **Agency Involved:** | |
| **Site No:** | | | |
| **MOE Response:** | No Field Response | | |
| **Site County/District:** | | | |
| **Site Geo Ref Meth:** | | | |
| **Site District Office:** | Ottawa | | |
| **Nearest Watercourse:** | | | |
| **Site Name:** | Loblaws<UNOFFICIAL> | | |
| **Site Address:** | | | |
| **Site Region:** | | | |
| **Site Municipality:** | Ottawa | | |
| **Site Lot:** | | | |
| **Site Conc:** | | | |
| **Site Geo Ref Accu:** | | | |
| **Site Map Datum:** | | | |
| **Northing:** | | | |
| **Easting:** | | | |
| **Incident Cause:** | Discharge or Emission to Air | | |
| **Incident Preceding Spill:** | | | |
| **Environment Impact:** | Not Anticipated | | |
| **Health Env Consequence:** | | | |
| **Nature of Impact:** | | | |
| **Contaminant Qty:** | 445 lb | | |
| **System Facility Address:** | | | |
| **Client Name:** | Loblaws Inc. | | |
| **Client Type:** | | | |
| **Source Type:** | | | |
| **Contaminant Code:** | 38 | | |
| **Contaminant Name:** | REFRIGERANT GAS, N.O.S. | | |
| **Contaminant Limit 1:** | | | |
| **Contam Limit Freq 1:** | | | |
| **Contaminant UN No 1:** | | | |
| **Receiving Medium:** | | | |
| **Incident Reason:** | Equipment Failure | | |
| **Incident Summary:** | Loblaws - 445 lbs refrigerant to atm | | |
| **Activity Preceding Spill:** | | | |
| **Property 2nd Watershed:** | | | |
| **Property Tertiary Watershed:** | | | |
| **Sector Type:** | Other Storage Facility | | |
| **SAC Action Class:** | Air Spills - Gases and Vapours | | |
| **Call Report Locatn Geodata:** | | | |

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**20** | ***8 of 16*** | ***NNW/189.3*** | ***60.2 / -1.69*** | ***1226 Place D'Orleans Drive Ottawa ON K1C 7K3*** | ***EHS***

| | | | |
|---|---|---|---|
| **Order No:** | 20100618022 | **Nearest Intersection:** | |
| **Status:** | C | **Municipality:** | |
| **Report Type:** | Custom Report | **Client Prov/State:** | ON |
| **Report Date:** | 6/25/2010 | **Search Radius (km):** | 0.25 |
| **Date Received:** | 6/18/2010 | **X:** | -75.522381 |
| **Previous Site Name:** | | **Y:** | 45.476407 |
| **Lot/Building Size:** | | | |
| **Additional Info Ordered:** | | | |

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**20** | ***9 of 16*** | ***NNW/189.3*** | ***60.2 / -1.69*** | ***No Frills<UNOFFICIAL> 1226 Place d'Orleans Ottawa ON*** | ***SPL***

| | | | |
|---|---|---|---|
| **Ref No:** | 8203-8YTMB7 | **Municipality No:** | |
| **Year:** | | **Nature of Damage:** | |
| **Incident Dt:** | 06-OCT-12 | **Discharger Report:** | |

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

| | | | |
|---|---|---|---|
| **Dt MOE Arvl on Scn:** | | **Material Group:** | |
| **MOE Reported Dt:** | 06-OCT-12 | **Impact to Health:** | |
| **Dt Document Closed:** | | **Agency Involved:** | |
| **Site No:** | | | |
| **MOE Response:** | No Field Response | | |
| **Site County/District:** | | | |
| **Site Geo Ref Meth:** | | | |
| **Site District Office:** | | | |
| **Nearest Watercourse:** | | | |
| **Site Name:** | R22 release<UNOFFICIAL> | | |
| **Site Address:** | 1226 Place d'Orleans | | |
| **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:** | Confirmed | | |
| **Health Env Consequence:** | | | |
| **Nature of Impact:** | Air Pollution | | |
| **Contaminant Qty:** | 283 kg | | |
| **System Facility Address:** | | | |
| **Client Name:** | No Frills<UNOFFICIAL> | | |
| **Client Type:** | | | |
| **Source Type:** | | | |
| **Contaminant Code:** | 38 | | |
| **Contaminant Name:** | REFRIGERANT GAS, R22 | | |
| **Contaminant Limit 1:** | | | |
| **Contam Limit Freq 1:** | | | |
| **Contaminant UN No 1:** | | | |
| **Receiving Medium:** | | | |
| **Incident Reason:** | Equipment Failure | | |
| **Incident Summary:** | No Frills: 283 kg R22 to atm | | |
| **Activity Preceding Spill:** | | | |
| **Property 2nd Watershed:** | | | |
| **Property Tertiary Watershed:** | | | |
| **Sector Type:** | Valve/Fitting/Piping | | |
| **SAC Action Class:** | Air Spills - Gases and Vapours | | |
| **Call Report Locatn Geodata:** | | | |

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| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 20 | 10 of 16 | NNW/189.3 | 60.2 / -1.69 | 1928950 Ontario Inc., operating as No Frills<UNOFFICIAL><br>1226 Place D'Orleans<br>Ottawa ON K1C 7K3 | SPL |

| | | | |
|---|---|---|---|
| **Ref No:** | 4208-A26TNY | **Municipality No:** | |
| **Year:** | | **Nature of Damage:** | |
| **Incident Dt:** | 9/8/2015 | **Discharger Report:** | |
| **Dt MOE Arvl on Scn:** | | **Material Group:** | |
| **MOE Reported Dt:** | 9/8/2015 | **Impact to Health:** | |
| **Dt Document Closed:** | 9/15/2015 | **Agency Involved:** | |
| **Site No:** | NA | | |
| **MOE Response:** | No | | |
| **Site County/District:** | | | |
| **Site Geo Ref Meth:** | 10 -100 metres eg. Topographic Map | | |
| **Site District Office:** | | | |
| **Nearest Watercourse:** | | | |
| **Site Name:** | No Frills<UNOFFICIAL> | | |
| **Site Address:** | 1226 Place D'Orleans | | |
| **Site Region:** | | | |

| | |
|---|---|
| ***Site Municipality:*** | Ottawa |
| ***Site Lot:*** | |
| ***Site Conc:*** | |
| ***Site Geo Ref Accu:*** | |
| ***Site Map Datum:*** | |
| ***Northing:*** | 5036046 |
| ***Easting:*** | 459117 |
| ***Incident Cause:*** | |
| ***Incident Preceding Spill:*** | |
| ***Environment Impact:*** | |
| ***Health Env Consequence:*** | |
| ***Nature of Impact:*** | |
| ***Contaminant Qty:*** | 50 L |
| ***System Facility Address:*** | |
| ***Client Name:*** | 1928950 Ontario Inc., operating as No Frills<UNOFFICIAL> |
| ***Client Type:*** | |
| ***Source Type:*** | |
| ***Contaminant Code:*** | 15 |
| ***Contaminant Name:*** | HYDRAULIC OIL |
| ***Contaminant Limit 1:*** | |
| ***Contam Limit Freq 1:*** | |
| ***Contaminant UN No 1:*** | |
| ***Receiving Medium:*** | |
| ***Incident Reason:*** | Material Failure - Poor Design/Substandard Material |
| ***Incident Summary:*** | No Frills; 50L hydraulic oil to grd, some to cb, cleaned |
| ***Activity Preceding Spill:*** | |
| ***Property 2nd Watershed:*** | |
| ***Property Tertiary Watershed:*** | |
| ***Sector Type:*** | Other |
| ***SAC Action Class:*** | Land Spills |
| ***Call Report Locatn Geodata:*** | |

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**20** | ***11 of 16*** | ***NNW/189.3*** | ***60.2 / -1.69*** | ***Loblaw Companies Limited***
***1226 Place D'OrlÚans Dr.***
***Ottawa ON K1C 1L2*** | ***GEN***

| | |
|---|---|
| ***Generator No:*** | ON8867495 |
| ***SIC Code:*** | 445110 |
| ***SIC Description:*** | SUPERMARKETS AND OTHER GROCERY (EXCEPT CONVENIENCE) STORES |
| ***Approval Years:*** | 2015 |
| ***PO Box No:*** | |
| ***Country:*** | Canada |
| ***Status:*** | |
| ***Co Admin:*** | |
| ***Choice of Contact:*** | CO_OFFICIAL |
| ***Phone No Admin:*** | |
| ***Contaminated Facility:*** | No |
| ***MHSW Facility:*** | No |

***Detail(s)***

| | |
|---|---|
| ***Waste Class:*** | 312 |
| ***Waste Class Name:*** | PATHOLOGICAL WASTES |

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**20** | ***12 of 16*** | ***NNW/189.3*** | ***60.2 / -1.69*** | ***Loblaw Companies Limited***
***1226 Place D'Orléans Dr.***
***Ottawa ON K1C 1L2*** | ***GEN***

| | |
|---|---|
| ***Generator No:*** | ON8867495 |
| ***SIC Code:*** | 445110 |
| ***SIC Description:*** | SUPERMARKETS AND OTHER GROCERY (EXCEPT CONVENIENCE) STORES |
| ***Approval Years:*** | 2016 |

**PO Box No:**
**Country:** Canada
**Status:**
**Co Admin:**
**Choice of Contact:** CO_OFFICIAL
**Phone No Admin:**
**Contaminated Facility:** No
**MHSW Facility:** No

***Detail(s)***

**Waste Class:** 312
**Waste Class Name:** PATHOLOGICAL WASTES

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**20** | **13 of 16** | **NNW/189.3** | **60.2 / -1.69**

***BRANDON AND MEGAN'S HOLDINGS INC. O/A BRANDON & MEGAN'S NO FRILLS***
***1226 PLACE D'ORLEANS DR***
***OTTAWA ON K1C7K3***

**PES**

**Detail Licence No:**
**Licence No:** 18206
**Status:**
**Approval Date:**
**Report Source:** Legacy Licenses (Excluding TS)
**Licence Type:** Limited Vendor
**Licence Type Code:** 23
**Licence Class:** 01
**Licence Control:**
**Latitude:**
**Longitude:**
**Lot:**
**Concession:**
**Region:**
**District:**
**County:**
**Trade Name:**
**PDF URL:**

**Operator Box:**
**Operator Class:**
**Operator No:**
**Operator Type:**
**Oper Area Code:** 613
**Oper Phone No:** 5901097
**Operator Ext:**
**Operator Lot:**
**Oper Concession:**
**Operator Region:**
**Operator District:**
**Operator County:**
**Op Municipality:**
**Post Office Box:**
**MOE District:**
**SWP Area Name:**

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**20** | **14 of 16** | **NNW/189.3** | **60.2 / -1.69**

***Choice Properties REIT***
***1226 Place D' Orleans Dr***
***Ottawa ON K1C 7K3***

**GEN**

**Generator No:** ON3679993
**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:** 251 L
**Waste Class Name:** Waste oils/sludges (petroleum based)

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| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 20 | 15 of 16 | NNW/189.3 | 60.2 / -1.69 | LOBLAWS INC.<br>1226 Place D'Orléans Dr.<br>Ottawa ON K1C 1L2 | GEN |

**Generator No:** ON8867495
**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:** 312 P
**Waste Class Name:** PATHOLOGICAL WASTES

**Waste Class:** 261 A
**Waste Class Name:** PHARMACEUTICALS

**Waste Class:** 212 I
**Waste Class Name:** ALIPHATIC SOLVENTS

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| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 20 | 16 of 16 | NNW/189.3 | 60.2 / -1.69 | Choice Properties REIT<br>1226 Place D' Orleans Dr<br>Ottawa ON K1C 7K3 | GEN |

**Generator No:** ON3679993
**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:** 251 L
**Waste Class Name:** OIL SKIMMINGS & SLUDGES

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| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 21 | 1 of 1 | SE/192.1 | 63.3 / 1.39 | OTTAWA GREENBELT CONSTRUCTION COMPANY LIMITED<br>ON | EASR |

**Approval No:** R-009-4110092951
**Status:** REMOVED
**Date:** 2017-03-09
**Record Type:** EASR
**Link Source:** MOFA
**Project Type:** Water Taking - Construction Dewatering
**Full Address:**
**Approval Type:** EASR-Water Taking - Construction Dewatering

**MOE District:** Ottawa
**Municipality:**
**Latitude:** 45.47333333
**Longitude:** -75.52055556
**Geometry X:**
**Geometry Y:**

**SWP Area Name:** Rideau Valley
**PDF NAICS Code:**
**PDF URL:**
**PDF Site Location:**

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22 | 1 of 1 | ENE/193.2 | 66.9 / 5.00 | lot 1 con 1 ON | WWIS

**Well ID:** 1500614
**Construction Date:**
**Use 1st:** Domestic
**Use 2nd:** 0
**Final Well Status:** Water Supply
**Water Type:**
**Casing Material:**
**Audit No:**
**Tag:**
**Constructn Method:**
**Elevation (m):**
**Elevatn Reliabilty:**
**Depth to Bedrock:**
**Well Depth:**
**Overburden/Bedrock:**
**Pump Rate:**
**Static Water Level:**
**Clear/Cloudy:**
**Municipality:** GLOUCESTER TOWNSHIP
**Site Info:**

**Flowing (Y/N):**
**Flow Rate:**
**Data Entry Status:**
**Data Src:** 1
**Date Received:** 12/14/1966
**Selected Flag:** TRUE
**Abandonment Rec:**
**Contractor:** 1504
**Form Version:** 1
**Owner:**
**County:** OTTAWA-CARLETON
**Lot:** 001
**Concession:** 01
**Concession Name:** OF
**Easting NAD83:**
**Northing NAD83:**
**Zone:**
**UTM Reliability:**

**PDF URL (Map):** https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500614.pdf

***Additional Detail(s) (Map)***

**Well Completed Date:** 07/27/1966
**Year Completed:** 1966
**Depth (m):** 7.62
**Latitude:** 45.4752023829201
**Longitude:** -75.5198777202012
**X:** -75.51987755745391
**Y:** 45.475202375890916
**Path:** 150\1500614.pdf

***Bore Hole Information***

**Bore Hole ID:** 10022657
**DP2BR:**
**Spatial Status:**
**Code OB:**
**Code OB Desc:**
**Open Hole:**
**Cluster Kind:**
**Date Completed:** 07/27/1966
**Remarks:**
**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:**

**Elevation:**
**Elevrc:**
**Zone:** 18
**East83:** 459365.80
**North83:** 5035873.00
**Org CS:**
**UTMRC:** 5
**UTMRC Desc:** margin of error : 100 m - 300 m
**Location Method:** p5

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| ***Formation ID:*** | 930989723 |
| ***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:*** | 20.0 |
| ***Formation End Depth:*** | 25.0 |
| ***Formation End Depth UOM:*** | ft |

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| ***Formation ID:*** | 930989722 |
| ***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:*** | 20.0 |
| ***Formation End Depth UOM:*** | ft |

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

| | |
|---|---|
| ***Method Construction ID:*** | 961500614 |
| ***Method Construction Code:*** | 7 |
| ***Method Construction:*** | Diamond |
| ***Other Method Construction:*** | |

***Pipe Information***

| | |
|---|---|
| ***Pipe ID:*** | 10571227 |
| ***Casing No:*** | 1 |
| ***Comment:*** | |
| ***Alt Name:*** | |

***Construction Record - Casing***

| | |
|---|---|
| ***Casing ID:*** | 930038229 |
| ***Layer:*** | 1 |
| ***Material:*** | 1 |
| ***Open Hole or Material:*** | STEEL |
| ***Depth From:*** | |
| ***Depth To:*** | 25.0 |
| ***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:*** | 991500614 |
| ***Pump Set At:*** | |
| ***Static Level:*** | 5.0 |
| ***Final Level After Pumping:*** | 20.0 |
| ***Recommended Pump Depth:*** | 20.0 |
| ***Pumping Rate:*** | 6.0 |
| ***Flowing Rate:*** | |
| ***Recommended Pump Rate:*** | 6.0 |
| ***Levels UOM:*** | ft |
| ***Rate UOM:*** | GPM |
| ***Water State After Test Code:*** | 1 |
| ***Water State After Test:*** | CLEAR |
| ***Pumping Test Method:*** | 1 |
| ***Pumping Duration HR:*** | 2 |
| ***Pumping Duration MIN:*** | 0 |
| ***Flowing:*** | No |

***Water Details***

| | |
|---|---|
| ***Water ID:*** | 933453149 |
| ***Layer:*** | 1 |
| ***Kind Code:*** | 3 |
| ***Kind:*** | SULPHUR |
| ***Water Found Depth:*** | 25.0 |
| ***Water Found Depth UOM:*** | ft |

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**23** ***1 of 2*** ***ESE/194.7*** ***66.9 / 5.00*** ***BICYCLE & SPORTS SHOP INC., THE*** ***GEN***
***2839 ST.JOSEPH BLVD.***
***ORLEANS ON K1C 1G6***

| | |
|---|---|
| ***Generator No:*** | ON1214800 |
| ***SIC Code:*** | 9949 |
| ***SIC Description:*** | OTHER REPAIR SERV. |
| ***Approval Years:*** | 89 |
| ***PO Box No:*** | |
| ***Country:*** | |
| ***Status:*** | |
| ***Co Admin:*** | |
| ***Choice of Contact:*** | |
| ***Phone No Admin:*** | |
| ***Contaminated Facility:*** | |
| ***MHSW Facility:*** | |

***Detail(s)***

| | |
|---|---|
| ***Waste Class:*** | 213 |
| ***Waste Class Name:*** | PETROLEUM DISTILLATES |

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**23** ***2 of 2*** ***ESE/194.7*** ***66.9 / 5.00*** ***BICYCLE & SPORTS SHOP INC., THE 04-356*** ***GEN***
***2839 ST.JOSEPH BLVD.***
***ORLEANS ON K1C 1G6***

| | |
|---|---|
| ***Generator No:*** | ON1214800 |
| ***SIC Code:*** | 9949 |
| ***SIC Description:*** | OTHER REPAIR SERV. |
| ***Approval Years:*** | 92,93,94,95,96,97,98 |
| ***PO Box No:*** | |
| ***Country:*** | |
| ***Status:*** | |
| ***Co Admin:*** | |
| ***Choice of Contact:*** | |

**Phone No Admin:**
**Contaminated Facility:**
**MHSW Facility:**

***Detail(s)***

**Waste Class:** 213
**Waste Class Name:** PETROLEUM DISTILLATES

---

24 | 1 of 2 | ENE/195.5 | 66.3 / 4.46 | lot 1 con 1 ON | WWIS

**Well ID:** 1500604
**Construction Date:**
**Use 1st:** Domestic
**Use 2nd:** 0
**Final Well Status:** Water Supply
**Water Type:**
**Casing Material:**
**Audit No:**
**Tag:**
**Constructn Method:**
**Elevation (m):**
**Elevatn Reliabilty:**
**Depth to Bedrock:**
**Well Depth:**
**Overburden/Bedrock:**
**Pump Rate:**
**Static Water Level:**
**Clear/Cloudy:**
**Municipality:** GLOUCESTER TOWNSHIP
**Site Info:**

**Flowing (Y/N):**
**Flow Rate:**
**Data Entry Status:**
**Data Src:** 1
**Date Received:** 09/05/1962
**Selected Flag:** TRUE
**Abandonment Rec:**
**Contractor:** 1632
**Form Version:** 1
**Owner:**
**County:** OTTAWA-CARLETON
**Lot:** 001
**Concession:** 01
**Concession Name:** OF
**Easting NAD83:**
**Northing NAD83:**
**Zone:**
**UTM Reliability:**

**PDF URL (Map):** https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1500604.pdf

***Additional Detail(s) (Map)***

**Well Completed Date:** 07/31/1962
**Year Completed:** 1962
**Depth (m):** 21.9456
**Latitude:** 45.4756062542209
**Longitude:** -75.5201373176777
**X:** -75.52013715517928
**Y:** 45.475606246683085
**Path:** 150\1500604.pdf

***Bore Hole Information***

**Bore Hole ID:** 10022647
**DP2BR:**
**Spatial Status:**
**Code OB:**
**Code OB Desc:**
**Open Hole:**
**Cluster Kind:**
**Date Completed:** 07/31/1962
**Remarks:**
**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:**

**Elevation:**
**Elevrc:**
**Zone:** 18
**East83:** 459345.80
**North83:** 5035918.00
**Org CS:**
**UTMRC:** 5
**UTMRC Desc:** margin of error : 100 m - 300 m
**Location Method:** p5

***Source Revision Comment:***
***Supplier Comment:***

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| ***Formation ID:*** | 930989702 |
| ***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:*** | 23.0 |
| ***Formation End Depth:*** | 72.0 |
| ***Formation End Depth UOM:*** | ft |

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| ***Formation ID:*** | 930989701 |
| ***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:*** | 23.0 |
| ***Formation End Depth UOM:*** | ft |

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

| | |
|---|---|
| ***Method Construction ID:*** | 961500604 |
| ***Method Construction Code:*** | 1 |
| ***Method Construction:*** | Cable Tool |
| ***Other Method Construction:*** | |

***Pipe Information***

| | |
|---|---|
| ***Pipe ID:*** | 10571217 |
| ***Casing No:*** | 1 |
| ***Comment:*** | |
| ***Alt Name:*** | |

***Construction Record - Casing***

| | |
|---|---|
| ***Casing ID:*** | 930038214 |
| ***Layer:*** | 2 |
| ***Material:*** | 4 |
| ***Open Hole or Material:*** | OPEN HOLE |
| ***Depth From:*** | |
| ***Depth To:*** | 72.0 |
| ***Casing Diameter:*** | 2.0 |
| ***Casing Diameter UOM:*** | inch |

***Casing Depth UOM:*** ft

***Construction Record - Casing***

***Casing ID:*** 930038213
***Layer:*** 1
***Material:*** 1
***Open Hole or Material:*** STEEL
***Depth From:***
***Depth To:*** 23.0
***Casing Diameter:*** 2.0
***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Results of Well Yield Testing***

***Pumping Test Method Desc:*** PUMP
***Pump Test ID:*** 991500604
***Pump Set At:***
***Static Level:*** 8.0
***Final Level After Pumping:*** 30.0
***Recommended Pump Depth:*** 70.0
***Pumping Rate:*** 3.0
***Flowing Rate:***
***Recommended Pump Rate:*** 3.0
***Levels UOM:*** ft
***Rate UOM:*** GPM
***Water State After Test Code:*** 1
***Water State After Test:*** CLEAR
***Pumping Test Method:*** 1
***Pumping Duration HR:*** 0
***Pumping Duration MIN:*** 30
***Flowing:*** No

***Water Details***

***Water ID:*** 933453139
***Layer:*** 1
***Kind Code:*** 3
***Kind:*** SULPHUR
***Water Found Depth:*** 72.0
***Water Found Depth UOM:*** ft

---

**24** ***2 of 2*** ***ENE/195.5*** ***66.3 / 4.46*** ***lot 1 con 1 ON*** ***WWIS***

***Well ID:*** 1500605
***Construction Date:***
***Use 1st:*** Domestic
***Use 2nd:*** 0
***Final Well Status:*** Water Supply
***Water Type:***
***Casing Material:***
***Audit No:***
***Tag:***
***Constructn Method:***
***Elevation (m):***
***Elevatn Reliabilty:***
***Depth to Bedrock:***
***Well Depth:***
***Overburden/Bedrock:***
***Pump Rate:***

***Flowing (Y/N):***
***Flow Rate:***
***Data Entry Status:***
***Data Src:*** 1
***Date Received:*** 12/07/1962
***Selected Flag:*** TRUE
***Abandonment Rec:***
***Contractor:*** 1629
***Form Version:*** 1
***Owner:***
***County:*** OTTAWA-CARLETON
***Lot:*** 001
***Concession:*** 01
***Concession Name:*** OF
***Easting NAD83:***
***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\1500605.pdf

***Additional Detail(s) (Map)***

| | |
|---|---|
| **Well Completed Date:** | 11/12/1962 |
| **Year Completed:** | 1962 |
| **Depth (m):** | 11.2776 |
| **Latitude:** | 45.4756062542209 |
| **Longitude:** | -75.5201373176777 |
| **X:** | -75.52013715517928 |
| **Y:** | 45.475606246683085 |
| **Path:** | 150\1500605.pdf |

***Bore Hole Information***

| | | | |
|---|---|---|---|
| **Bore Hole ID:** | 10022648 | **Elevation:** | |
| **DP2BR:** | | **Elevrc:** | |
| **Spatial Status:** | | **Zone:** | 18 |
| **Code OB:** | | **East83:** | 459345.80 |
| **Code OB Desc:** | | **North83:** | 5035918.00 |
| **Open Hole:** | | **Org CS:** | |
| **Cluster Kind:** | | **UTMRC:** | 5 |
| **Date Completed:** | 11/12/1962 | **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:** | 930989704 |
| **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:** | 17.0 |
| **Formation End Depth:** | 23.0 |
| **Formation End Depth UOM:** | ft |

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| **Formation ID:** | 930989703 |
| **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:*** 17.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 930989705
***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:*** 23.0
***Formation End Depth:*** 37.0
***Formation End Depth UOM:*** ft

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

***Method Construction ID:*** 961500605
***Method Construction Code:*** 1
***Method Construction:*** Cable Tool
***Other Method Construction:***

***Pipe Information***

***Pipe ID:*** 10571218
***Casing No:*** 1
***Comment:***
***Alt Name:***

***Construction Record - Casing***

***Casing ID:*** 930038215
***Layer:*** 1
***Material:*** 1
***Open Hole or Material:*** STEEL
***Depth From:***
***Depth To:*** 20.0
***Casing Diameter:*** 2.0
***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Construction Record - Casing***

***Casing ID:*** 930038216
***Layer:*** 2
***Material:*** 4
***Open Hole or Material:*** OPEN HOLE
***Depth From:***
***Depth To:*** 37.0
***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:** | 991500605 |
| **Pump Set At:** | |
| **Static Level:** | 10.0 |
| **Final Level After Pumping:** | 18.0 |
| **Recommended Pump Depth:** | 18.0 |
| **Pumping Rate:** | 6.0 |
| **Flowing Rate:** | |
| **Recommended Pump Rate:** | 3.0 |
| **Levels UOM:** | ft |
| **Rate UOM:** | GPM |
| **Water State After Test Code:** | 1 |
| **Water State After Test:** | CLEAR |
| **Pumping Test Method:** | 1 |
| **Pumping Duration HR:** | 3 |
| **Pumping Duration MIN:** | 0 |
| **Flowing:** | No |

***Water Details***

| | |
|---|---|
| **Water ID:** | 933453140 |
| **Layer:** | 1 |
| **Kind Code:** | 3 |
| **Kind:** | SULPHUR |
| **Water Found Depth:** | 37.0 |
| **Water Found Depth UOM:** | ft |

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**25** | ***1 of 1*** | ***SE/195.7*** | ***63.3 / 1.39*** | ***St Pierre St St Joseph Blvd Ottawa ON*** | ***EHS***

| | | | |
|---|---|---|---|
| **Order No:** | 20160616082 | **Nearest Intersection:** | |
| **Status:** | C | **Municipality:** | Ottawa (Former Gloucester) |
| **Report Type:** | RSC Report - Quote | **Client Prov/State:** | ON |
| **Report Date:** | 24-JUN-16 | **Search Radius (km):** | .3 |
| **Date Received:** | 16-JUN-16 | **X:** | -75.520776 |
| **Previous Site Name:** | | **Y:** | 45.473168 |
| **Lot/Building Size:** | ± 6 acres, ± 1 km long | | |
| **Additional Info Ordered:** | City Directory | | |

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**26** | ***1 of 1*** | ***ESE/195.9*** | ***66.6 / 4.73*** | ***CLARIDGE HOMES (ORLEANS) INC. EDGAR BRAULT ST/ST.JOSEPH BLVD GLOUCESTER CITY ON*** | ***CA***

| | |
|---|---|
| **Certificate #:** | 7-0933-97- |
| **Application Year:** | 97 |
| **Issue Date:** | 9/4/1997 |
| **Approval Type:** | Municipal water |
| **Status:** | Approved |
| **Application Type:** | |
| **Client Name:** | |
| **Client Address:** | |
| **Client City:** | |
| **Client Postal Code:** | |
| **Project Description:** | |
| **Contaminants:** | |
| **Emission Control:** | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 27 | 1 of 7 | N/196.9 | 61.9 / 0.00 | LOBLAWS SUPERMARKETS LTD #1052<br>1224 PLACE D'ORLEANS DR<br>GLOUCESTER ON K1C 7K3 | PES |

| | | | |
|---|---|---|---|
| Detail Licence No: | 23-01-10526-0 | Operator Box: | |
| Licence No: | 10526 | Operator Class: | |
| Status: | | Operator No: | |
| Approval Date: | | Operator Type: | |
| Report Source: | | Oper Area Code: | |
| Licence Type: | Limited Vendor | Oper Phone No: | |
| Licence Type Code: | 23 | Operator Ext: | |
| Licence Class: | 01 | Operator Lot: | |
| Licence Control: | 0 | Oper Concession: | |
| Latitude: | | Operator Region: | 4 |
| Longitude: | | Operator District: | |
| Lot: | | Operator County: | 15 |
| Concession: | | Op Municipality: | |
| Region: | 4 | Post Office Box: | |
| District: | | MOE District: | |
| County: | 56 | SWP Area Name: | |
| Trade Name: | | | |
| PDF URL: | | | |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 27 | 2 of 7 | N/196.9 | 61.9 / 0.00 | NATIONAL GROCERS LOBLAWS SUPERMARKETS<br>1224 PROMENADE PLACE D'ORLEANS<br>ORLEANS TOWN CENTRE<br>GLOUCESTER ON K1C 7K3 | GEN |

| | |
|---|---|
| Generator No: | ON0270313 |
| SIC Code: | 6571 |
| SIC Description: | CAMERA/PHOTO. SUPPLY |
| Approval Years: | 93,94,95,96,97,98,99,00,01 |
| PO Box No: | |
| Country: | |
| Status: | |
| Co Admin: | |
| Choice of Contact: | |
| Phone No Admin: | |
| Contaminated Facility: | |
| MHSW Facility: | |

Detail(s)

| | |
|---|---|
| Waste Class: | 264 |
| Waste Class Name: | PHOTOPROCESSING WASTES |

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 27 | 3 of 7 | N/196.9 | 61.9 / 0.00 | Parson Refridgeration Company<UNOFFICIAL><br>1224 Place D'Orleans<br>Ottawa ON | SPL |

| | | | |
|---|---|---|---|
| Ref No: | 1138-5SXS2L | Municipality No: | |
| Year: | | Nature of Damage: | |
| Incident Dt: | 11/3/2003 | Discharger Report: | |
| Dt MOE Arvl on Scn: | | Material Group: | Chemical |
| MOE Reported Dt: | 11/3/2003 | Impact to Health: | |
| Dt Document Closed: | | Agency Involved: | |
| Site No: | | | |
| MOE Response: | | | |
| Site County/District: | | | |
| Site Geo Ref Meth: | | | |

| | |
|---|---|
| **Site District Office:** | Ottawa |
| **Nearest Watercourse:** | |
| **Site Name:** | LOBLAWS<UNOFFICIAL> |
| **Site Address:** | |
| **Site Region:** | Eastern |
| **Site Municipality:** | Ottawa |
| **Site Lot:** | |
| **Site Conc:** | |
| **Site Geo Ref Accu:** | |
| **Site Map Datum:** | |
| **Northing:** | |
| **Easting:** | |
| **Incident Cause:** | Discharge or Emission to Air |
| **Incident Preceding Spill:** | |
| **Environment Impact:** | Not Anticipated |
| **Health Env Consequence:** | |
| **Nature of Impact:** | Air Pollution |
| **Contaminant Qty:** | 600 kg |
| **System Facility Address:** | |
| **Client Name:** | Parson Refridgeration Company<UNOFFICIAL> |
| **Client Type:** | |
| **Source Type:** | |
| **Contaminant Code:** | 27 |
| **Contaminant Name:** | HYDRO-CHLORO-FLUORO-CARBON |
| **Contaminant Limit 1:** | |
| **Contam Limit Freq 1:** | |
| **Contaminant UN No 1:** | |
| **Receiving Medium:** | Air |
| **Incident Reason:** | Equipment Failure |
| **Incident Summary:** | Parson Refridgeration,600 kg HCFC 22 to ATM |
| **Activity Preceding Spill:** | |
| **Property 2nd Watershed:** | |
| **Property Tertiary Watershed:** | |
| **Sector Type:** | Other Plant |
| **SAC Action Class:** | Spill to Air |
| **Call Report Locatn Geodata:** | |

---

**27** | ***4 of 7*** | ***N/196.9*** | ***61.9 / 0.00*** | ***Parson Refridgeration<UNOFFICIAL>*** ***1224 Orleans Place Drive*** ***Ottawa ON*** | ***SPL***

| | | | |
|---|---|---|---|
| **Ref No:** | 2266-5ZYPJU | **Municipality No:** | |
| **Year:** | | **Nature of Damage:** | |
| **Incident Dt:** | 6/15/2004 | **Discharger Report:** | |
| **Dt MOE Arvl on Scn:** | | **Material Group:** | Gases/Particulate |
| **MOE Reported Dt:** | 6/15/2004 | **Impact to Health:** | |
| **Dt Document Closed:** | | **Agency Involved:** | |
| **Site No:** | | | |
| **MOE Response:** | | | |
| **Site County/District:** | | | |
| **Site Geo Ref Meth:** | | | |

| | |
|---|---|
| **Site District Office:** | Ottawa |
| **Nearest Watercourse:** | |
| **Site Name:** | LOBLAWS<UNOFFICIAL> |
| **Site Address:** | |
| **Site Region:** | Eastern |
| **Site Municipality:** | Ottawa |
| **Site Lot:** | |
| **Site Conc:** | |
| **Site Geo Ref Accu:** | |
| **Site Map Datum:** | |
| **Northing:** | |
| **Easting:** | |
| **Incident Cause:** | Valve / Fitting Leak Or Failure |

**Incident Preceding Spill:**
**Environment Impact:** Not Anticipated
**Health Env Consequence:**
**Nature of Impact:** Air Pollution
**Contaminant Qty:** 113.636363636364 Kg
**System Facility Address:**
**Client Name:** Parson Refridgeration<UNOFFICIAL>
**Client Type:**
**Source Type:**
**Contaminant Code:** 38
**Contaminant Name:** REFRIGERANT GAS, N.O.S.
**Contaminant Limit 1:**
**Contam Limit Freq 1:**
**Contaminant UN No 1:**
**Receiving Medium:** Air
**Incident Reason:** Unknown - Reason not determined
**Incident Summary:** Loblaws: 250lbs refrigerant to air
**Activity Preceding Spill:**
**Property 2nd Watershed:**
**Property Tertiary Watershed:**
**Sector Type:** Other
**SAC Action Class:**
**Call Report Locatn Geodata:**

---

| 27 | 5 of 7 | N/196.9 | 61.9 / 0.00 | **Loblaws Supermarkets Limited at Loblaws at 1224 Orleans Place Dr., at the Orleans Town Center<UNOFFICIAL> Ottawa ON** | SPL |
|---|---|---|---|---|---|

**Ref No:** 7105-6E3TPZ
**Year:**
**Incident Dt:** 7/7/2005
**Dt MOE Arvl on Scn:**
**MOE Reported Dt:** 7/7/2005
**Dt Document Closed:**
**Site No:**
**MOE Response:**
**Site County/District:**
**Site Geo Ref Meth:**
**Site District Office:** Ottawa
**Nearest Watercourse:**
**Site Name:** at Loblaws at 1224 Orleans Place Dr., at the Orleans Town Center<UNOFFICIAL>
**Site Address:**
**Site Region:**
**Site Municipality:** Ottawa
**Site Lot:**
**Site Conc:**
**Site Geo Ref Accu:**
**Site Map Datum:**
**Northing:**
**Easting:**
**Incident Cause:** Pipe Or Hose Leak
**Incident Preceding Spill:**
**Environment Impact:** Not Anticipated
**Health Env Consequence:**
**Nature of Impact:** Air Pollution
**Contaminant Qty:**
**System Facility Address:**
**Client Name:** Loblaws Supermarkets Limited
**Client Type:**
**Source Type:**
**Contaminant Code:**
**Contaminant Name:** FREON R-22 (CFC)
**Contaminant Limit 1:**

**Municipality No:**
**Nature of Damage:**
**Discharger Report:** 0
**Material Group:** Gases/Particulate
**Impact to Health:**
**Agency Involved:**

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

**Contam Limit Freq 1:**
**Contaminant UN No 1:**
**Receiving Medium:** Air
**Incident Reason:** Equipment Failure
**Incident Summary:** Parson Refrigeration - 115 kg of freon to air.
**Activity Preceding Spill:**
**Property 2nd Watershed:**
**Property Tertiary Watershed:**
**Sector Type:**
**SAC Action Class:** Spills to Air - gases and vapours
**Call Report Locatn Geodata:**

---

**27** | **6 of 7** | **N/196.9** | **61.9 / 0.00** | **LOBLAWS SUPERMARKETS LTD #1052**
**1224 PLACE D'ORLEANS DRIVE**
**GLOUCESTER ON K1C 7K3** | **PES**

**Detail Licence No:**
**Licence No:**
**Status:**
**Approval Date:**
**Report Source:**
**Licence Type:**
**Licence Type Code:**
**Licence Class:**
**Licence Control:**
**Latitude:**
**Longitude:**
**Lot:**
**Concession:**
**Region:**
**District:**
**County:**
**Trade Name:**
**PDF URL:**

**Operator Box:**
**Operator Class:**
**Operator No:**
**Operator Type:** Vendor
**Oper Area Code:**
**Oper Phone No:**
**Operator Ext:**
**Operator Lot:**
**Oper Concession:**
**Operator Region:**
**Operator District:**
**Operator County:**
**Op Municipality:**
**Post Office Box:**
**MOE District:**
**SWP Area Name:**

---

**27** | **7 of 7** | **N/196.9** | **61.9 / 0.00** | **Orleans family Care Physicians**
**2-1224 Place D'Orleans Blvd**
**Orleans ON** | **GEN**

**Generator No:** ON3042834
**SIC Code:** 621110
**SIC Description:** Offices of Physicians
**Approval Years:** 2010
**PO Box No:**
**Country:**
**Status:**
**Co Admin:**
**Choice of Contact:**
**Phone No Admin:**
**Contaminated Facility:**
**MHSW Facility:**

***Detail(s)***

**Waste Class:** 261
**Waste Class Name:** PHARMACEUTICALS

**Waste Class:** 312
**Waste Class Name:** PATHOLOGICAL WASTES

---

| Map Key | Number of Records | Direction/ Distance (m) | Elev/Diff (m) | Site | DB |
|---|---|---|---|---|---|
| 28 | 1 of 1 | ESE/199.4 | 66.9 / 5.00 | lot 1 con 1 ON | WWIS |

| | | | |
|---|---|---|---|
| **Well ID:** | 1500591 | **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:** | 12/29/1954 |
| **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:** | 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\1500591.pdf

***Additional Detail(s) (Map)***

| | |
|---|---|
| **Well Completed Date:** | 11/27/1954 |
| **Year Completed:** | 1954 |
| **Depth (m):** | 8.2296 |
| **Latitude:** | 45.4738972662188 |
| **Longitude:** | -75.5198657198924 |
| **X:** | -75.5198655578727 |
| **Y:** | 45.47389725910482 |
| **Path:** | 150\1500591.pdf |

***Bore Hole Information***

| | | | |
|---|---|---|---|
| **Bore Hole ID:** | 10022634 | **Elevation:** | |
| **DP2BR:** | | **Elevrc:** | |
| **Spatial Status:** | | **Zone:** | 18 |
| **Code OB:** | | **East83:** | 459365.80 |
| **Code OB Desc:** | | **North83:** | 5035728.00 |
| **Open Hole:** | | **Org CS:** | |
| **Cluster Kind:** | | **UTMRC:** | 9 |
| **Date Completed:** | 11/27/1954 | **UTMRC Desc:** | unknown UTM |
| **Remarks:** | | **Location Method:** | p9 |
| **Location Method Desc:** | Original Pre1985 UTM Rel Code 9: unknown UTM | | |
| **Elevrc Desc:** | | | |
| **Location Source Date:** | | | |
| **Improvement Location Source:** | | | |
| **Improvement Location Method:** | | | |
| **Source Revision Comment:** | | | |
| **Supplier Comment:** | | | |

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| **Formation ID:** | 930989674 |
| **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:*** | 27.0 |
| ***Formation End Depth UOM:*** | ft |

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| ***Formation ID:*** | 930989673 |
| ***Layer:*** | 1 |
| ***Color:*** | |
| ***General Color:*** | |
| ***Material 1:*** | 02 |
| ***Material 1 Desc:*** | TOPSOIL |
| ***Material 2:*** | |
| ***Material 2 Desc:*** | |
| ***Material 3:*** | |
| ***Material 3 Desc:*** | |
| ***Formation Top Depth:*** | 0.0 |
| ***Formation End Depth:*** | 3.0 |
| ***Formation End Depth UOM:*** | ft |

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

| | |
|---|---|
| ***Method Construction ID:*** | 961500591 |
| ***Method Construction Code:*** | 6 |
| ***Method Construction:*** | Boring |
| ***Other Method Construction:*** | |

***Pipe Information***

| | |
|---|---|
| ***Pipe ID:*** | 10571204 |
| ***Casing No:*** | 1 |
| ***Comment:*** | |
| ***Alt Name:*** | |

***Construction Record - Casing***

| | |
|---|---|
| ***Casing ID:*** | 930038190 |
| ***Layer:*** | 1 |
| ***Material:*** | 3 |
| ***Open Hole or Material:*** | CONCRETE |
| ***Depth From:*** | |
| ***Depth To:*** | 27.0 |
| ***Casing Diameter:*** | 15.0 |
| ***Casing Diameter UOM:*** | inch |
| ***Casing Depth UOM:*** | ft |

***Results of Well Yield Testing***

| | |
|---|---|
| ***Pumping Test Method Desc:*** | PUMP |
| ***Pump Test ID:*** | 991500591 |
| ***Pump Set At:*** | |
| ***Static Level:*** | 12.0 |
| ***Final Level After Pumping:*** | 16.0 |
| ***Recommended Pump Depth:*** | |

| | |
|---|---|
| ***Pumping Rate:*** | 4.0 |
| ***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:*** | 24 |
| ***Pumping Duration MIN:*** | 0 |
| ***Flowing:*** | No |

***Water Details***

| | |
|---|---|
| ***Water ID:*** | 933453125 |
| ***Layer:*** | 1 |
| ***Kind Code:*** | 1 |
| ***Kind:*** | FRESH |
| ***Water Found Depth:*** | 27.0 |
| ***Water Found Depth UOM:*** | ft |

# Unplottable Summary

**Total: 38 Unplottable sites**

| DB | Company Name/Site Name | Address | City | Postal |
|---|---|---|---|---|
| AAGR | | Lot 1/2 Con 1 | Gloucester ON | |
| CA | SOULIGNY MACKENZIE ROBERT SALON FUNERAIR | ST. JOSEPH BLVD., ORLEANS, SWM | GLOUCESTER CITY ON | |
| CA | MR. ROCH CATELAIN | ST. JOSEPH BLVD. | GLOUCESTER CITY ON | |
| CA | MR. ROCH CATELAIN | ST. JOSEPH BLVD. | GLOUCESTER CITY ON | |
| CA | MALAWAY INVESTMENTS LTD. | ST. JOSEPH BLVD. | GLOUCESTER CITY ON | |
| CA | MALAWAY INVESTMENTS LTD. | ST. JOSEPH BLVD./PRIVATE | GLOUCESTER CITY ON | |
| CA | TACO BELL OF CANADA | ST. JOSEPH BLVD., ORLEANS | GLOUCESTER CITY ON | |
| CA | LOBLAWS SUPERMARKETS LIMITED | PT.LOTS 1&2,CONC.1, ORLEANS | GLOUCESTER CITY ON | |
| CA | ISLAMABAD FOOD INC. | ST. JOSEPH BLVD., ORLEANS | GLOUCESTER CITY ON | |
| CA | GLOUCESTER CITY, CAPITAL WORKS | ST. PIERRE MAISONNEUVE ST.,SWM | GLOUCESTER ON | |
| CA | R.M. OF OTTAWA-CARLETON-ORLEANS RESERVOI | FOREST RIDGE PS REGIONAL RD.34 | GLOUCESTER CITY ON | |
| CA | GILLES GUINDON | MR. GAS ST. JOSEPH BLVD. | GLOUCESTER CITY ON | |
| CA | BRENT WILSON | GABRIEL ST. | GLOUCESTER CITY ON | |
| CA | GLOUCESTER CITY | ROCQUE ST. | GLOUCESTER CITY ON | |
| CA | R.M. OF OTTAWA-CARLETON | ST. JOSEPH'S BLVD. PH. III | GLOUCESTER CITY ON | |
| CA | NOBLESSEE TRUNCHEON INTER.URBAN DEV.CORP | PRIVATE PROPERTY ST. JOSEPH | GLOUCESTER CITY ON | |
| CA | R.M. OF OTTAWA-CARLETON FOREST RIDGE P.S | ST. JOSEPH BLVD./7-1490-87-886 | GLOUCESTER CITY ON | |
| CONV | Loblaw Companies Limited | | Ottawa ON | |

| | | | |
|---|---|---|---|
| SPL | Loblaw Properties Limited | Loblaws | Ottawa ON |
| SPL | NATIONAL DEFENCE | ST. JOSEPH BLVD. LETTE SITE DEPARTMENT OF NATIONAL DEFENCE. FUEL STORAGE TANK | GLOUCESTER CITY ON |
| SPL | LOBLAWS | | OTTAWA CITY ON |
| WWIS | | lot 1 | ON |
| WWIS | | con 1 | ON |
| WWIS | | con 1 | ON |
| WWIS | | lot 2 | ON |
| WWIS | | lot 2 | ON |
| WWIS | | lot 2 | ON |
| WWIS | | lot 1 | ON |
| WWIS | | lot 2 con 1 | ON |
| WWIS | | lot 1 | ON |
| WWIS | | lot 1 | ON |
| WWIS | | con 1 | ON |
| WWIS | | lot 1 | ON |
| WWIS | | lot 1 | ON |
| WWIS | | lot 1 | ON |
| WWIS | | con 1 | ON |
| WWIS | | lot 1 | ON |
| WWIS | | lot 1 | ON |

# Unplottable Report

***Site:***
***Lot 1/2 Con 1 Gloucester ON***

***Database:*** ***AAGR***

| | |
|---|---|
| ***Type:*** | Quarry |
| ***Region/County:*** | Ottawa-Carleton |
| ***Township:*** | Gloucester |
| ***Concession:*** | 1 |
| ***Lot:*** | 1/2 |
| ***Size (ha):*** | 4 |
| ***Landuse:*** | |
| ***Comments:*** | |

---

***Site:*** ***SOULIGNY MACKENZIE ROBERT SALON FUNERAIR***
***ST. JOSEPH BLVD., ORLEANS, SWM GLOUCESTER CITY ON***

***Database:*** ***CA***

| | |
|---|---|
| ***Certificate #:*** | 3-1599-97- |
| ***Application Year:*** | 97 |
| ***Issue Date:*** | 11/17/1997 |
| ***Approval Type:*** | Municipal sewage |
| ***Status:*** | Approved |
| ***Application Type:*** | |
| ***Client Name:*** | |
| ***Client Address:*** | |
| ***Client City:*** | |
| ***Client Postal Code:*** | |
| ***Project Description:*** | |
| ***Contaminants:*** | |
| ***Emission Control:*** | |

---

***Site:*** ***MR. ROCH CATELAIN***
***ST. JOSEPH BLVD. GLOUCESTER CITY ON***

***Database:*** ***CA***

| | |
|---|---|
| ***Certificate #:*** | 7-0411-85-006 |
| ***Application Year:*** | 85 |
| ***Issue Date:*** | 6/13/85 |
| ***Approval Type:*** | Municipal water |
| ***Status:*** | Approved |
| ***Application Type:*** | |
| ***Client Name:*** | |
| ***Client Address:*** | |
| ***Client City:*** | |
| ***Client Postal Code:*** | |
| ***Project Description:*** | |
| ***Contaminants:*** | |
| ***Emission Control:*** | |

---

***Site:*** ***MR. ROCH CATELAIN***
***ST. JOSEPH BLVD. GLOUCESTER CITY ON***

***Database:*** ***CA***

| | |
|---|---|
| ***Certificate #:*** | 7-0412-85-006 |
| ***Application Year:*** | 85 |
| ***Issue Date:*** | 6/13/85 |
| ***Approval Type:*** | Municipal water |
| ***Status:*** | Approved |
| ***Application Type:*** | |
| ***Client Name:*** | |

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

---

***Site:*** ***MALAWAY INVESTMENTS LTD.***
***ST. JOSEPH BLVD. GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 7-0793-85-006
***Application Year:*** 85
***Issue Date:*** 9/26/85
***Approval Type:*** Municipal water
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

---

***Site:*** ***MALAWAY INVESTMENTS LTD.***
***ST. JOSEPH BLVD./PRIVATE GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 3-1089-85-006
***Application Year:*** 85
***Issue Date:*** 9/26/85
***Approval Type:*** Municipal sewage
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

---

***Site:*** ***TACO BELL OF CANADA***
***ST. JOSEPH BLVD., ORLEANS GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 8-4103-94-
***Application Year:*** 94
***Issue Date:*** 8/5/1994
***Approval Type:*** Industrial air
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:*** CONDENSATE & FRYER EXHAUST HOOD
***Contaminants:***
***Emission Control:***

---

***Site:*** ***LOBLAWS SUPERMARKETS LIMITED***
***PT.LOTS 1&2,CONC.1, ORLEANS GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 8-4101-93-
***Application Year:*** 93

***Issue Date:*** 10/19/1993
***Approval Type:*** Industrial air
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:*** SPACE/WATER HEATERS, BAKE/FRY EXHAUSTS
***Contaminants:*** Odour/Fumes, Nitrogen Oxides
***Emission Control:***

---

***Site:*** ***ISLAMABAD FOOD INC.***
***ST. JOSEPH BLVD., ORLEANS GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 8-4009-93-
***Application Year:*** 93
***Issue Date:*** 2/2/1993
***Approval Type:*** Industrial air
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:*** KITCHEN EXHAUST HOOD
***Contaminants:*** Odour/Fumes
***Emission Control:*** No Controls

---

***Site:*** ***GLOUCESTER CITY, CAPITAL WORKS***
***ST. PIERRE MAISONNEUVE ST.,SWM GLOUCESTER ON***

***Database:*** ***CA***

***Certificate #:*** 3-1534-98-
***Application Year:*** 98
***Issue Date:*** 10/26/1998
***Approval Type:*** Municipal sewage
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

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***Site:*** ***R.M. OF OTTAWA-CARLETON-ORLEANS RESERVOI***
***FOREST RIDGE PS REGIONAL RD.34 GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 7-1490-87-
***Application Year:*** 87
***Issue Date:*** 7/6/1988
***Approval Type:*** Municipal water
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

---

***Site:*** ***GILLES GUINDON***
***MR. GAS ST. JOSEPH BLVD. GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 7-0989-89-
***Application Year:*** 89
***Issue Date:*** 6/23/1989
***Approval Type:*** Municipal water
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

---

***Site:*** ***BRENT WILSON***
***GABRIEL ST. GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 3-0159-90-
***Application Year:*** 90
***Issue Date:*** 2/7/1990
***Approval Type:*** Municipal sewage
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

---

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

***Database:*** ***CA***

***Certificate #:*** 3-2143-88-
***Application Year:*** 88
***Issue Date:*** 11/9/1988
***Approval Type:*** Municipal sewage
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

---

***Site:*** ***R.M. OF OTTAWA-CARLETON***
***ST. JOSEPH'S BLVD. PH. III GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 3-1782-88-
***Application Year:*** 88
***Issue Date:*** 9/23/1988
***Approval Type:*** Municipal sewage
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***

***Contaminants:***
***Emission Control:***

---

***Site:*** ***NOBLESSEE TRUNCHEON INTER.URBAN DEV.CORP***
***PRIVATE PROPERTY ST. JOSEPH GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 3-0136-87-
***Application Year:*** 87
***Issue Date:*** 2/23/1987
***Approval Type:*** Municipal sewage
***Status:*** Approved
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:***
***Contaminants:***
***Emission Control:***

---

***Site:*** ***R.M. OF OTTAWA-CARLETON FOREST RIDGE P.S***
***ST. JOSEPH BLVD./7-1490-87-886 GLOUCESTER CITY ON***

***Database:*** ***CA***

***Certificate #:*** 8-4148-89-
***Application Year:*** 89
***Issue Date:*** 5/14/1990
***Approval Type:*** Industrial air
***Status:*** Approved in 1990
***Application Type:***
***Client Name:***
***Client Address:***
***Client City:***
***Client Postal Code:***
***Project Description:*** 200 HP STANDBY DIESEL GENERATOR
***Contaminants:*** Nitrogen Oxides
***Emission Control:*** No Controls

---

***Site:*** ***Loblaw Companies Limited***
***Ottawa ON***

***Database:*** ***CONV***

***File No:*** 097267
***Crown Brief No:***
***Court Location:***
***Publication City:***
***Publication Title:***
***Act:***
***Act(s):***
***First Matter:***
***Second Matter:***
***Investigation 1:***
***Investigation 2:***
***Penalty Imposed:***
***Location:***
***Region:***
***Ministry District:***

***Description:*** On April 19, 2011, Loblaw Companies Limited/Les Compagnies Loblaw Limitee pleaded guilty to one violation under the Environmental Protection Act for causing the discharge of a refrigerant into the air within a building or into the natural environment. The Court heard that the company owns and operates a property in Ottawa. The company uses a refrigeration contractor to install, maintain and service the equipment at this location. During such work, a release of refrigerant was reported to the ministry. The release was inside a building that was vented via exhaust fans to the natural environment. The refrigerant contains hydrochlorofluorocarbon and is considered an ozone depleting substance. The company was charged following an investigation by the ministry's Investigations and Enforcement Branch. The company was fined $30,000 plus a victim fine surcharge and was given 30 days to pay the fine.

***Background:***
***URL:***

***Additional Details***

***Publication Date:***
***Count:*** 1
***Act:*** EPA
***Regulation:***
***Section:***
***Act/Regulation/Section:*** EPA
***Date of Offence:***
***Date of Conviction:***
***Date Charged:*** April 19, 2011
***Charge Disposition:*** fine, victim fine surcharge
***Fine:*** $30,000
***Synopsis:***

---

***Site:*** ***Loblaw Properties Limited***
***Loblaws Ottawa ON***

***Database:*** ***SPL***

***Ref No:*** 2287-7FNKE6
***Year:***
***Incident Dt:***
***Dt MOE Arvl on Scn:***
***MOE Reported Dt:*** 6/16/2008
***Dt Document Closed:*** 9/8/2008
***Site No:***
***MOE Response:*** No Field Response
***Site County/District:***
***Site Geo Ref Meth:***
***Site District Office:*** Ottawa
***Nearest Watercourse:***
***Site Name:*** Loblaws
***Site Address:***
***Site Region:***
***Site Municipality:*** Ottawa
***Site Lot:***
***Site Conc:***
***Site Geo Ref Accu:***
***Site Map Datum:***
***Northing:*** NA
***Easting:*** NA
***Incident Cause:*** Discharge or Emission to Air
***Incident Preceding Spill:***
***Environment Impact:*** Not Anticipated
***Health Env Consequence:***
***Nature of Impact:*** Air Pollution
***Contaminant Qty:*** 625 lb
***System Facility Address:***
***Client Name:*** Loblaw Properties Limited
***Client Type:***
***Source Type:***
***Contaminant Code:*** 38
***Contaminant Name:*** FREON R-22 (CFC)
***Contaminant Limit 1:***
***Contam Limit Freq 1:***
***Contaminant UN No 1:***
***Receiving Medium:***
***Incident Reason:*** Equipment Failure - Malfunction of system components
***Incident Summary:*** Loblaws, 625 lb of R22 released to atmosphere.
***Activity Preceding Spill:***
***Property 2nd Watershed:***
***Property Tertiary Watershed:***
***Sector Type:*** Other
***SAC Action Class:*** Air Spills - Gases and Vapours
***Call Report Locatn Geodata:***

***Municipality No:***
***Nature of Damage:***
***Discharger Report:***
***Material Group:***
***Impact to Health:***
***Agency Involved:***

---

***Site:*** ***NATIONAL DEFENCE***
***ST. JOSEPH BLVD. LETTE SITE DEPARTMENT OF NATIONAL DEFENCE. FUEL STORAGE TANK GLOUCESTER***

***Database:*** ***SPL***

***CITY ON***

| | | | |
|---|---|---|---|
| ***Ref No:*** | 83300 | ***Municipality No:*** | 20105 |
| ***Year:*** | | ***Nature of Damage:*** | |
| ***Incident Dt:*** | // | ***Discharger Report:*** | |
| ***Dt MOE Arvl on Scn:*** | | ***Material Group:*** | |
| ***MOE Reported Dt:*** | 3/29/1993 | ***Impact to Health:*** | |
| ***Dt Document Closed:*** | | ***Agency Involved:*** | EPS. |
| ***Site No:*** | | | |
| ***MOE Response:*** | | | |
| ***Site County/District:*** | | | |
| ***Site Geo Ref Meth:*** | | | |
| ***Site District Office:*** | | | |
| ***Nearest Watercourse:*** | | | |
| ***Site Name:*** | | | |
| ***Site Address:*** | | | |
| ***Site Region:*** | | | |
| ***Site Municipality:*** | GLOUCESTER CITY | | |
| ***Site Lot:*** | | | |
| ***Site Conc:*** | | | |
| ***Site Geo Ref Accu:*** | | | |
| ***Site Map Datum:*** | | | |
| ***Northing:*** | | | |
| ***Easting:*** | | | |
| ***Incident Cause:*** | PIPE/HOSE LEAK | | |
| ***Incident Preceding Spill:*** | | | |
| ***Environment Impact:*** | NOT ANTICIPATED | | |
| ***Health Env Consequence:*** | | | |
| ***Nature of Impact:*** | Soil contamination | | |
| ***Contaminant Qty:*** | | | |
| ***System Facility Address:*** | | | |
| ***Client Name:*** | | | |
| ***Client Type:*** | | | |
| ***Source Type:*** | | | |
| ***Contaminant Code:*** | | | |
| ***Contaminant Name:*** | | | |
| ***Contaminant Limit 1:*** | | | |
| ***Contam Limit Freq 1:*** | | | |
| ***Contaminant UN No 1:*** | | | |
| ***Receiving Medium:*** | LAND | | |
| ***Incident Reason:*** | ERROR | | |
| ***Incident Summary:*** | DEPT. NATIONAL DEFENCE- 90-135L AVIATION FUEL TO GROUND FROM STORAGE TANK. | | |
| ***Activity Preceding Spill:*** | | | |
| ***Property 2nd Watershed:*** | | | |
| ***Property Tertiary Watershed:*** | | | |
| ***Sector Type:*** | | | |
| ***SAC Action Class:*** | | | |
| ***Call Report Locatn Geodata:*** | | | |

---

***Site:*** ***LOBLAWS***
***OTTAWA CITY ON***

***Database:*** ***SPL***

| | | | |
|---|---|---|---|
| ***Ref No:*** | 49925 | ***Municipality No:*** | 20101 |
| ***Year:*** | | ***Nature of Damage:*** | |
| ***Incident Dt:*** | 5/1/1991 | ***Discharger Report:*** | |
| ***Dt MOE Arvl on Scn:*** | | ***Material Group:*** | |
| ***MOE Reported Dt:*** | 5/1/1991 | ***Impact to Health:*** | |
| ***Dt Document Closed:*** | | ***Agency Involved:*** | |
| ***Site No:*** | | | |
| ***MOE Response:*** | | | |
| ***Site County/District:*** | | | |
| ***Site Geo Ref Meth:*** | | | |
| ***Site District Office:*** | | | |
| ***Nearest Watercourse:*** | | | |
| ***Site Name:*** | | | |
| ***Site Address:*** | | | |
| ***Site Region:*** | | | |
| ***Site Municipality:*** | OTTAWA CITY | | |

***Site Lot:***
***Site Conc:***
***Site Geo Ref Accu:***
***Site Map Datum:***
***Northing:***
***Easting:***
***Incident Cause:*** PIPE/HOSE LEAK
***Incident Preceding Spill:***
***Environment Impact:*** POSSIBLE
***Health Env Consequence:***
***Nature of Impact:*** Water course or lake
***Contaminant Qty:***
***System Facility Address:***
***Client Name:***
***Client Type:***
***Source Type:***
***Contaminant Code:***
***Contaminant Name:***
***Contaminant Limit 1:***
***Contam Limit Freq 1:***
***Contaminant UN No 1:***
***Receiving Medium:*** LAND
***Incident Reason:*** OVERSTRESS/OVERPRESSURE
***Incident Summary:*** LOBLAWS - HYDRAULIC OIL TO GROUND AND CATCHBASIN FROM BROKEN HOSE
***Activity Preceding Spill:***
***Property 2nd Watershed:***
***Property Tertiary Watershed:***
***Sector Type:***
***SAC Action Class:***
***Call Report Locatn Geodata:***

---

***Site:***
***lot 1 ON***

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

***Well ID:*** 1518217
***Construction Date:***
***Use 1st:*** Domestic
***Use 2nd:*** Livestock
***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:*** OTTAWA CITY
***Site Info:***

***Flowing (Y/N):***
***Flow Rate:***
***Data Entry Status:***
***Data Src:*** 1
***Date Received:*** 05/06/1983
***Selected Flag:*** TRUE
***Abandonment Rec:***
***Contractor:*** 3644
***Form Version:*** 1
***Owner:***
***County:*** OTTAWA-CARLETON
***Lot:*** 001
***Concession:***
***Concession Name:***
***Easting NAD83:***
***Northing NAD83:***
***Zone:***
***UTM Reliability:***

***Bore Hole Information***

***Bore Hole ID:*** 10040087
***DP2BR:***
***Spatial Status:***
***Code OB:***
***Code OB Desc:***
***Open Hole:***
***Cluster Kind:***
***Date Completed:*** 03/21/1983
***Remarks:***
***Location Method Desc:*** Not Applicable i.e. no UTM

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

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

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931037741
***Layer:*** 3
***Color:*** 2
***General Color:*** GREY
***Material 1:*** 13
***Material 1 Desc:*** BOULDERS
***Material 2:*** 14
***Material 2 Desc:*** HARDPAN
***Material 3:***
***Material 3 Desc:***
***Formation Top Depth:*** 35.0
***Formation End Depth:*** 52.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931037739
***Layer:*** 1
***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:*** 0.0
***Formation End Depth:*** 15.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931037740
***Layer:*** 2
***Color:*** 2
***General Color:*** GREY
***Material 1:*** 05
***Material 1 Desc:*** CLAY
***Material 2:*** 13
***Material 2 Desc:*** BOULDERS
***Material 3:*** 14
***Material 3 Desc:*** HARDPAN
***Formation Top Depth:*** 15.0
***Formation End Depth:*** 35.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931037742
***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:*** 52.0
***Formation End Depth:*** 167.0
***Formation End Depth UOM:*** ft

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

***Method Construction ID:*** 961518217
***Method Construction Code:*** 1
***Method Construction:*** Cable Tool
***Other Method Construction:***

***Pipe Information***

***Pipe ID:*** 10588657
***Casing No:*** 1
***Comment:***
***Alt Name:***

***Construction Record - Casing***

***Casing ID:*** 930069992
***Layer:*** 1
***Material:***
***Open Hole or Material:***
***Depth From:***
***Depth To:*** 53.0
***Casing Diameter:*** 6.0
***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Construction Record - Casing***

***Casing ID:*** 930069993
***Layer:*** 2
***Material:*** 4
***Open Hole or Material:*** OPEN HOLE
***Depth From:***
***Depth To:*** 167.0
***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:*** 991518217
***Pump Set At:***
***Static Level:*** 25.0
***Final Level After Pumping:*** 60.0
***Recommended Pump Depth:*** 90.0
***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:*** 2
***Pumping Duration HR:*** 2
***Pumping Duration MIN:*** 0

***Flowing:*** No

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934897806
***Test Type:***
***Test Duration:*** 60
***Test Level:*** 60.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934103534
***Test Type:***
***Test Duration:*** 15
***Test Level:*** 60.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934639345
***Test Type:***
***Test Duration:*** 45
***Test Level:*** 60.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934378286
***Test Type:***
***Test Duration:*** 30
***Test Level:*** 60.0
***Test Level UOM:*** ft

***Water Details***

***Water ID:*** 933474886
***Layer:*** 2
***Kind Code:*** 5
***Kind:*** Not stated
***Water Found Depth:*** 148.0
***Water Found Depth UOM:*** ft

***Water Details***

***Water ID:*** 933474885
***Layer:*** 1
***Kind Code:*** 1
***Kind:*** FRESH
***Water Found Depth:*** 80.0
***Water Found Depth UOM:*** ft

***Water Details***

***Water ID:*** 933474887
***Layer:*** 3
***Kind Code:*** 5
***Kind:*** Not stated
***Water Found Depth:*** 162.0
***Water Found Depth UOM:*** ft

***Site:***
***con 1 ON***

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

***Well ID:*** 1501587
***Construction Date:***
***Use 1st:*** Domestic
***Use 2nd:*** 0
***Final Well Status:*** Water Supply
***Water Type:***
***Casing Material:***
***Audit No:***
***Tag:***
***Constructn Method:***
***Elevation (m):***
***Elevatn Reliabilty:***
***Depth to Bedrock:***
***Well Depth:***
***Overburden/Bedrock:***
***Pump Rate:***
***Static Water Level:***
***Clear/Cloudy:***
***Municipality:*** GLOUCESTER TOWNSHIP
***Site Info:***

***Flowing (Y/N):***
***Flow Rate:***
***Data Entry Status:***
***Data Src:*** 1
***Date Received:*** 01/06/1947
***Selected Flag:*** TRUE
***Abandonment Rec:***
***Contractor:*** 3566
***Form Version:*** 1
***Owner:***
***County:*** OTTAWA-CARLETON
***Lot:***
***Concession:*** 01
***Concession Name:*** OF
***Easting NAD83:***
***Northing NAD83:***
***Zone:***
***UTM Reliability:***

***Bore Hole Information***

***Bore Hole ID:*** 10023630
***DP2BR:***
***Spatial Status:***
***Code OB:***
***Code OB Desc:***
***Open Hole:***
***Cluster Kind:***
***Date Completed:*** 11/15/1946
***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:*** 930992252
***Layer:*** 2
***Color:***
***General Color:***
***Material 1:*** 17
***Material 1 Desc:*** SHALE
***Material 2:***
***Material 2 Desc:***
***Material 3:***
***Material 3 Desc:***
***Formation Top Depth:*** 90.0
***Formation End Depth:*** 167.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 930992251
***Layer:*** 1
***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:*** 0.0
***Formation End Depth:*** 90.0
***Formation End Depth UOM:*** ft

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

***Method Construction ID:*** 961501587
***Method Construction Code:*** 1
***Method Construction:*** Cable Tool
***Other Method Construction:***

***Pipe Information***

***Pipe ID:*** 10572200
***Casing No:*** 1
***Comment:***
***Alt Name:***

***Construction Record - Casing***

***Casing ID:*** 930040106
***Layer:*** 1
***Material:*** 1
***Open Hole or Material:*** STEEL
***Depth From:***
***Depth To:*** 92.0
***Casing Diameter:*** 5.0
***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Construction Record - Casing***

***Casing ID:*** 930040107
***Layer:*** 2
***Material:*** 4
***Open Hole or Material:*** OPEN HOLE
***Depth From:***
***Depth To:*** 167.0
***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:*** 991501587
***Pump Set At:***
***Static Level:*** 10.0
***Final Level After Pumping:*** 30.0
***Recommended Pump Depth:***
***Pumping Rate:*** 30.0
***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:*** | 933454305 |
| ***Layer:*** | 1 |
| ***Kind Code:*** | 1 |
| ***Kind:*** | FRESH |
| ***Water Found Depth:*** | |
| ***Water Found Depth UOM:*** | ft |

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***Site:***
***con 1 ON***

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

| | | | |
|---|---|---|---|
| ***Well ID:*** | 1519865 | ***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:*** | 09/16/1985 |
| ***Water Type:*** | | ***Selected Flag:*** | TRUE |
| ***Casing Material:*** | | ***Abandonment Rec:*** | |
| ***Audit No:*** | | ***Contractor:*** | 1558 |
| ***Tag:*** | | ***Form Version:*** | 1 |
| ***Constructn Method:*** | | ***Owner:*** | |
| ***Elevation (m):*** | | ***County:*** | OTTAWA-CARLETON |
| ***Elevatn Reliabilty:*** | | ***Lot:*** | |
| ***Depth to Bedrock:*** | | ***Concession:*** | 01 |
| ***Well Depth:*** | | ***Concession Name:*** | RF |
| ***Overburden/Bedrock:*** | | ***Easting NAD83:*** | |
| ***Pump Rate:*** | | ***Northing NAD83:*** | |
| ***Static Water Level:*** | | ***Zone:*** | |
| ***Clear/Cloudy:*** | | ***UTM Reliability:*** | |
| ***Municipality:*** | GLOUCESTER TOWNSHIP | | |
| ***Site Info:*** | | | |

***Bore Hole Information***

| | | | |
|---|---|---|---|
| ***Bore Hole ID:*** | 10041718 | ***Elevation:*** | |
| ***DP2BR:*** | | ***Elevrc:*** | |
| ***Spatial Status:*** | | ***Zone:*** | 18 |
| ***Code OB:*** | | ***East83:*** | |
| ***Code OB Desc:*** | | ***North83:*** | |
| ***Open Hole:*** | | ***Org CS:*** | |
| ***Cluster Kind:*** | | ***UTMRC:*** | 9 |
| ***Date Completed:*** | 08/01/1985 | ***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:*** | 931042997 |
| ***Layer:*** | 2 |
| ***Color:*** | 2 |
| ***General Color:*** | GREY |
| ***Material 1:*** | 05 |
| ***Material 1 Desc:*** | CLAY |
| ***Material 2:*** | 81 |
| ***Material 2 Desc:*** | SANDY |
| ***Material 3:*** | 11 |
| ***Material 3 Desc:*** | GRAVEL |
| ***Formation Top Depth:*** | 5.0 |

***Formation End Depth:*** 60.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931042996
***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:*** 5.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931042998
***Layer:*** 3
***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:*** 60.0
***Formation End Depth:*** 75.0
***Formation End Depth UOM:*** ft

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

***Method Construction ID:*** 961519865
***Method Construction Code:*** 5
***Method Construction:*** Air Percussion
***Other Method Construction:***

***Pipe Information***

***Pipe ID:*** 10590288
***Casing No:*** 1
***Comment:***
***Alt Name:***

***Construction Record - Casing***

***Casing ID:*** 930072830
***Layer:*** 1
***Material:*** 1
***Open Hole or Material:*** STEEL
***Depth From:***
***Depth To:*** 62.0
***Casing Diameter:*** 6.0
***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Construction Record - Casing***

***Casing ID:*** 930072831
***Layer:*** 2
***Material:*** 4
***Open Hole or Material:*** OPEN HOLE
***Depth From:***
***Depth To:*** 75.0
***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:*** 991519865
***Pump Set At:***
***Static Level:*** 25.0
***Final Level After Pumping:*** 30.0
***Recommended Pump Depth:*** 50.0
***Pumping Rate:*** 10.0
***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:*** 934384474
***Test Type:*** Draw Down
***Test Duration:*** 30
***Test Level:*** 30.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934109742
***Test Type:*** Draw Down
***Test Duration:*** 15
***Test Level:*** 30.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934655014
***Test Type:*** Draw Down
***Test Duration:*** 45
***Test Level:*** 30.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934895214
***Test Type:*** Draw Down
***Test Duration:*** 60
***Test Level:*** 30.0
***Test Level UOM:*** ft

***Water Details***

| | |
|---|---|
| ***Water ID:*** | 933476954 |
| ***Layer:*** | 1 |
| ***Kind Code:*** | 1 |
| ***Kind:*** | FRESH |
| ***Water Found Depth:*** | 70.0 |
| ***Water Found Depth UOM:*** | ft |

***Site:***
***lot 2 ON***

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

| | | | |
|---|---|---|---|
| ***Well ID:*** | 1522712 | ***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:*** | 10/26/1988 |
| ***Water Type:*** | | ***Selected Flag:*** | TRUE |
| ***Casing Material:*** | | ***Abandonment Rec:*** | |
| ***Audit No:*** | 27065 | ***Contractor:*** | 3644 |
| ***Tag:*** | | ***Form Version:*** | 1 |
| ***Constructn Method:*** | | ***Owner:*** | |
| ***Elevation (m):*** | | ***County:*** | OTTAWA-CARLETON |
| ***Elevatn Reliabilty:*** | | ***Lot:*** | 002 |
| ***Depth to Bedrock:*** | | ***Concession:*** | |
| ***Well Depth:*** | | ***Concession Name:*** | |
| ***Overburden/Bedrock:*** | | ***Easting NAD83:*** | |
| ***Pump Rate:*** | | ***Northing NAD83:*** | |
| ***Static Water Level:*** | | ***Zone:*** | |
| ***Clear/Cloudy:*** | | ***UTM Reliability:*** | |
| ***Municipality:*** | GLOUCESTER TOWNSHIP | | |
| ***Site Info:*** | | | |

***Bore Hole Information***

| | | | |
|---|---|---|---|
| ***Bore Hole ID:*** | 10044522 | ***Elevation:*** | |
| ***DP2BR:*** | | ***Elevrc:*** | |
| ***Spatial Status:*** | | ***Zone:*** | 18 |
| ***Code OB:*** | | ***East83:*** | |
| ***Code OB Desc:*** | | ***North83:*** | |
| ***Open Hole:*** | | ***Org CS:*** | |
| ***Cluster Kind:*** | | ***UTMRC:*** | 9 |
| ***Date Completed:*** | 08/10/1988 | ***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:*** | 931052365 |
| ***Layer:*** | 1 |
| ***Color:*** | 2 |
| ***General Color:*** | GREY |
| ***Material 1:*** | 05 |
| ***Material 1 Desc:*** | CLAY |
| ***Material 2:*** | 12 |
| ***Material 2 Desc:*** | STONES |
| ***Material 3:*** | |
| ***Material 3 Desc:*** | |
| ***Formation Top Depth:*** | 0.0 |
| ***Formation End Depth:*** | 21.0 |
| ***Formation End Depth UOM:*** | ft |

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| ***Formation ID:*** | 931052366 |
| ***Layer:*** | 2 |
| ***Color:*** | 2 |
| ***General Color:*** | GREY |
| ***Material 1:*** | 15 |
| ***Material 1 Desc:*** | LIMESTONE |
| ***Material 2:*** | |
| ***Material 2 Desc:*** | |
| ***Material 3:*** | |
| ***Material 3 Desc:*** | |
| ***Formation Top Depth:*** | 21.0 |
| ***Formation End Depth:*** | 90.0 |
| ***Formation End Depth UOM:*** | ft |

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| ***Formation ID:*** | 931052367 |
| ***Layer:*** | 3 |
| ***Color:*** | 1 |
| ***General Color:*** | WHITE |
| ***Material 1:*** | 18 |
| ***Material 1 Desc:*** | SANDSTONE |
| ***Material 2:*** | |
| ***Material 2 Desc:*** | |
| ***Material 3:*** | |
| ***Material 3 Desc:*** | |
| ***Formation Top Depth:*** | 90.0 |
| ***Formation End Depth:*** | 123.0 |
| ***Formation End Depth UOM:*** | ft |

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

| | |
|---|---|
| ***Method Construction ID:*** | 961522712 |
| ***Method Construction Code:*** | 5 |
| ***Method Construction:*** | Air Percussion |
| ***Other Method Construction:*** | |

***Pipe Information***

| | |
|---|---|
| ***Pipe ID:*** | 10593092 |
| ***Casing No:*** | 1 |
| ***Comment:*** | |
| ***Alt Name:*** | |

***Construction Record - Casing***

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

***Construction Record - Casing***

| | |
|---|---|
| ***Casing ID:*** | 930077860 |
| ***Layer:*** | 2 |
| ***Material:*** | 4 |

***Open Hole or Material:*** OPEN HOLE
***Depth From:***
***Depth To:*** 123.0
***Casing Diameter:*** 6.0
***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Results of Well Yield Testing***

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

***Draw Down & Recovery***

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

***Draw Down & Recovery***

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

***Draw Down & Recovery***

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

***Draw Down & Recovery***

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

***Water Details***

***Water ID:*** 933480709
***Layer:*** 1
***Kind Code:*** 1
***Kind:*** FRESH

***Water Found Depth:*** 65.0
***Water Found Depth UOM:*** ft

***Water Details***

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

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***Site:***
***lot 2 ON***

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

***Well ID:*** 1522713
***Construction Date:***
***Use 1st:*** Domestic
***Use 2nd:***
***Final Well Status:*** Recharge Well
***Water Type:***
***Casing Material:***
***Audit No:*** 27064
***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:*** 10/26/1988
***Selected Flag:*** TRUE
***Abandonment Rec:***
***Contractor:*** 3644
***Form Version:*** 1
***Owner:***
***County:*** OTTAWA-CARLETON
***Lot:*** 002
***Concession:***
***Concession Name:***
***Easting NAD83:***
***Northing NAD83:***
***Zone:***
***UTM Reliability:***

***Bore Hole Information***

***Bore Hole ID:*** 10044523
***DP2BR:***
***Spatial Status:***
***Code OB:***
***Code OB Desc:***
***Open Hole:***
***Cluster Kind:***
***Date Completed:*** 08/10/1988
***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:*** 931052368
***Layer:*** 1
***Color:*** 2
***General Color:*** GREY
***Material 1:*** 05
***Material 1 Desc:*** CLAY
***Material 2:*** 12
***Material 2 Desc:*** STONES
***Material 3:***

***Material 3 Desc:***
***Formation Top Depth:*** 0.0
***Formation End Depth:*** 19.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931052369
***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:*** 19.0
***Formation End Depth:*** 90.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931052370
***Layer:*** 3
***Color:*** 1
***General Color:*** WHITE
***Material 1:*** 18
***Material 1 Desc:*** SANDSTONE
***Material 2:***
***Material 2 Desc:***
***Material 3:***
***Material 3 Desc:***
***Formation Top Depth:*** 90.0
***Formation End Depth:*** 123.0
***Formation End Depth UOM:*** ft

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

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

***Pipe Information***

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

***Construction Record - Casing***

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

***Construction Record - Casing***

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

***Results of Well Yield Testing***

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

***Draw Down & Recovery***

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

***Draw Down & Recovery***

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

***Draw Down & Recovery***

| | |
|---|---|
| ***Pump Test Detail ID:*** | 934111042 |
| ***Test Type:*** | |
| ***Test Duration:*** | 15 |
| ***Test Level:*** | 60.0 |
| ***Test Level UOM:*** | ft |

***Draw Down & Recovery***

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

***Water Details***

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

***Water Details***

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

---

***Site:***
***lot 2 ON***

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

| | | | |
|---|---|---|---|
| ***Well ID:*** | 1530885 | ***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:*** | 12/07/1999 |
| ***Water Type:*** | | ***Selected Flag:*** | TRUE |
| ***Casing Material:*** | | ***Abandonment Rec:*** | |
| ***Audit No:*** | 208491 | ***Contractor:*** | 1558 |
| ***Tag:*** | | ***Form Version:*** | 1 |
| ***Constructn Method:*** | | ***Owner:*** | |
| ***Elevation (m):*** | | ***County:*** | OTTAWA-CARLETON |
| ***Elevatn Reliabilty:*** | | ***Lot:*** | 002 |
| ***Depth to Bedrock:*** | | ***Concession:*** | |
| ***Well Depth:*** | | ***Concession Name:*** | LI |
| ***Overburden/Bedrock:*** | | ***Easting NAD83:*** | |
| ***Pump Rate:*** | | ***Northing NAD83:*** | |
| ***Static Water Level:*** | | ***Zone:*** | |
| ***Clear/Cloudy:*** | | ***UTM Reliability:*** | |
| ***Municipality:*** | GLOUCESTER TOWNSHIP | | |
| ***Site Info:*** | | | |

***Bore Hole Information***

| | | | |
|---|---|---|---|
| ***Bore Hole ID:*** | 10052419 | ***Elevation:*** | |
| ***DP2BR:*** | | ***Elevrc:*** | |
| ***Spatial Status:*** | | ***Zone:*** | 18 |
| ***Code OB:*** | | ***East83:*** | |
| ***Code OB Desc:*** | | ***North83:*** | |
| ***Open Hole:*** | | ***Org CS:*** | |
| ***Cluster Kind:*** | | ***UTMRC:*** | 9 |
| ***Date Completed:*** | 10/28/1999 | ***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:*** | 931076864 |
| ***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:*** 23.0
***Formation End Depth:*** 27.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931076865
***Layer:*** 4
***Color:*** 2
***General Color:*** GREY
***Material 1:*** 18
***Material 1 Desc:*** SANDSTONE
***Material 2:*** 73
***Material 2 Desc:*** HARD
***Material 3:***
***Material 3 Desc:***
***Formation Top Depth:*** 27.0
***Formation End Depth:*** 60.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931076863
***Layer:*** 2
***Color:*** 2
***General Color:*** GREY
***Material 1:*** 14
***Material 1 Desc:*** HARDPAN
***Material 2:*** 79
***Material 2 Desc:*** PACKED
***Material 3:***
***Material 3 Desc:***
***Formation Top Depth:*** 12.0
***Formation End Depth:*** 23.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931076862
***Layer:*** 1
***Color:*** 6
***General Color:*** BROWN
***Material 1:*** 05
***Material 1 Desc:*** CLAY
***Material 2:*** 12
***Material 2 Desc:*** STONES
***Material 3:*** 79
***Material 3 Desc:*** PACKED
***Formation Top Depth:*** 0.0
***Formation End Depth:*** 12.0
***Formation End Depth UOM:*** ft

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

***Plug ID:*** 933116058

***Layer:*** 1
***Plug From:*** 0.0
***Plug To:*** 28.0
***Plug Depth UOM:*** ft

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

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

***Pipe Information***

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

***Construction Record - Casing***

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

***Construction Record - Casing***

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

***Results of Well Yield Testing***

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

***Draw Down & Recovery***

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

***Draw Down & Recovery***

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

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934663638
***Test Type:***
***Test Duration:*** 45
***Test Level:*** 30.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

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

***Water Details***

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

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***Site:***
***lot 1 ON***

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

***Well ID:*** 1531214
***Construction Date:***
***Use 1st:*** Domestic
***Use 2nd:***
***Final Well Status:*** Water Supply
***Water Type:***
***Casing Material:***
***Audit No:*** 208615
***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:*** 07/17/2000
***Selected Flag:*** TRUE
***Abandonment Rec:***
***Contractor:*** 1558
***Form Version:*** 1
***Owner:***
***County:*** OTTAWA-CARLETON
***Lot:*** 001
***Concession:***
***Concession Name:*** BF
***Easting NAD83:***
***Northing NAD83:***
***Zone:***
***UTM Reliability:***

***Bore Hole Information***

***Bore Hole ID:*** 10052748
***DP2BR:***
***Spatial Status:***
***Code OB:***
***Code OB Desc:***
***Open Hole:***
***Cluster Kind:***
***Date Completed:*** 06/20/2000
***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:*** 931077850
***Layer:*** 3
***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:*** 21.0
***Formation End Depth:*** 70.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931077851
***Layer:*** 4
***Color:*** 2
***General Color:*** GREY
***Material 1:*** 18
***Material 1 Desc:*** SANDSTONE
***Material 2:*** 73
***Material 2 Desc:*** HARD
***Material 3:***
***Material 3 Desc:***
***Formation Top Depth:*** 70.0
***Formation End Depth:*** 110.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931077849
***Layer:*** 2
***Color:*** 2
***General Color:*** GREY
***Material 1:*** 05
***Material 1 Desc:*** CLAY
***Material 2:*** 12
***Material 2 Desc:*** STONES
***Material 3:***
***Material 3 Desc:***
***Formation Top Depth:*** 10.0
***Formation End Depth:*** 21.0

***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931077848
***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

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

***Plug ID:*** 933116386
***Layer:*** 1
***Plug From:*** 26.0
***Plug To:*** 0.0
***Plug Depth UOM:*** ft

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

***Method Construction ID:*** 961531214
***Method Construction Code:*** 4
***Method Construction:*** Rotary (Air)
***Other Method Construction:***

***Pipe Information***

***Pipe ID:*** 10601318
***Casing No:*** 1
***Comment:***
***Alt Name:***

***Construction Record - Casing***

***Casing ID:*** 930092221
***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:*** 930092220
***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:*** 991531214
***Pump Set At:***
***Static Level:*** 15.0
***Final Level After Pumping:*** 25.0
***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:*** 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:*** 934396587
***Test Type:*** Draw Down
***Test Duration:*** 30
***Test Level:*** 60.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934121176
***Test Type:*** Draw Down
***Test Duration:*** 15
***Test Level:*** 25.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934665313
***Test Type:*** Draw Down
***Test Duration:*** 45
***Test Level:*** 75.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934913858
***Test Type:*** Draw Down
***Test Duration:*** 60
***Test Level:*** 105.0
***Test Level UOM:*** ft

***Water Details***

***Water ID:*** 933491577
***Layer:*** 1
***Kind Code:*** 5
***Kind:*** Not stated
***Water Found Depth:*** 66.0
***Water Found Depth UOM:*** ft

***Water Details***

***Water ID:*** 933491578
***Layer:*** 2
***Kind Code:*** 5
***Kind:*** Not stated
***Water Found Depth:*** 101.0
***Water Found Depth UOM:*** ft

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***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 |

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***Site:***
***lot 1 ON***

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

| | | | |
|---|---|---|---|
| ***Well ID:*** | 1530576 | ***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:*** | 07/09/1999 |
| ***Water Type:*** | | ***Selected Flag:*** | TRUE |
| ***Casing Material:*** | | ***Abandonment Rec:*** | |
| ***Audit No:*** | 194890 | ***Contractor:*** | 1558 |
| ***Tag:*** | | ***Form Version:*** | 1 |
| ***Constructn Method:*** | | ***Owner:*** | |
| ***Elevation (m):*** | | ***County:*** | OTTAWA-CARLETON |
| ***Elevatn Reliabilty:*** | | ***Lot:*** | 001 |
| ***Depth to Bedrock:*** | | ***Concession:*** | |
| ***Well Depth:*** | | ***Concession Name:*** | LI |
| ***Overburden/Bedrock:*** | | ***Easting NAD83:*** | |
| ***Pump Rate:*** | | ***Northing NAD83:*** | |
| ***Static Water Level:*** | | ***Zone:*** | |
| ***Clear/Cloudy:*** | | ***UTM Reliability:*** | |
| ***Municipality:*** | GLOUCESTER TOWNSHIP | | |
| ***Site Info:*** | | | |

***Bore Hole Information***

| | | | |
|---|---|---|---|
| ***Bore Hole ID:*** | 10052111 | ***Elevation:*** | |
| ***DP2BR:*** | | ***Elevrc:*** | |
| ***Spatial Status:*** | | ***Zone:*** | 18 |
| ***Code OB:*** | | ***East83:*** | |
| ***Code OB Desc:*** | | ***North83:*** | |
| ***Open Hole:*** | | ***Org CS:*** | |
| ***Cluster Kind:*** | | ***UTMRC:*** | 9 |
| ***Date Completed:*** | 06/30/1999 | ***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:*** | 931075936 |
| ***Layer:*** | 4 |
| ***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:*** | 63.0 |
| ***Formation End Depth:*** | 75.0 |
| ***Formation End Depth UOM:*** | ft |

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| ***Formation ID:*** | 931075933 |
| ***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:*** | 931075934 |
| ***Layer:*** | 2 |
| ***Color:*** | 2 |
| ***General Color:*** | GREY |
| ***Material 1:*** | 05 |
| ***Material 1 Desc:*** | CLAY |
| ***Material 2:*** | 12 |
| ***Material 2 Desc:*** | STONES |
| ***Material 3:*** | |
| ***Material 3 Desc:*** | |
| ***Formation Top Depth:*** | 12.0 |
| ***Formation End Depth:*** | 29.0 |
| ***Formation End Depth UOM:*** | ft |

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| ***Formation ID:*** | 931075935 |
| ***Layer:*** | 3 |
| ***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:*** | 29.0 |

***Formation End Depth:*** 63.0
***Formation End Depth UOM:*** ft

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

***Plug ID:*** 933115724
***Layer:*** 1
***Plug From:*** 0.0
***Plug To:*** 34.0
***Plug Depth UOM:*** ft

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

***Method Construction ID:*** 961530576
***Method Construction Code:*** 4
***Method Construction:*** Rotary (Air)
***Other Method Construction:***

***Pipe Information***

***Pipe ID:*** 10600681
***Casing No:*** 1
***Comment:***
***Alt Name:***

***Construction Record - Casing***

***Casing ID:*** 930090893
***Layer:*** 1
***Material:*** 1
***Open Hole or Material:*** STEEL
***Depth From:***
***Depth To:*** 36.0
***Casing Diameter:*** 6.0
***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Construction Record - Casing***

***Casing ID:*** 930090894
***Layer:*** 2
***Material:*** 4
***Open Hole or Material:*** OPEN HOLE
***Depth From:***
***Depth To:*** 75.0
***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:*** 991530576
***Pump Set At:***
***Static Level:*** 22.0
***Final Level After Pumping:*** 30.0
***Recommended Pump Depth:*** 40.0
***Pumping Rate:*** 30.0
***Flowing Rate:***
***Recommended Pump Rate:*** 5.0
***Levels UOM:*** ft
***Rate UOM:*** GPM
***Water State After Test Code:*** 2

***Water State After Test:*** CLOUDY
***Pumping Test Method:*** 1
***Pumping Duration HR:*** 2
***Pumping Duration MIN:***
***Flowing:*** No

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934118957
***Test Type:*** Recovery
***Test Duration:*** 15
***Test Level:*** 23.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934385133
***Test Type:*** Recovery
***Test Duration:*** 30
***Test Level:*** 23.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934663096
***Test Type:*** Recovery
***Test Duration:*** 45
***Test Level:*** 23.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934902687
***Test Type:*** Recovery
***Test Duration:*** 60
***Test Level:*** 23.0
***Test Level UOM:*** ft

***Water Details***

***Water ID:*** 933490750
***Layer:*** 1
***Kind Code:*** 5
***Kind:*** Not stated
***Water Found Depth:*** 60.0
***Water Found Depth UOM:*** ft

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***Site:***
***lot 1 ON***

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

***Well ID:*** 1529708
***Construction Date:***
***Use 1st:*** Domestic
***Use 2nd:***
***Final Well Status:*** Water Supply
***Water Type:***
***Casing Material:***
***Audit No:*** 183347
***Tag:***
***Constructn Method:***
***Elevation (m):***
***Elevatn Reliabilty:***
***Depth to Bedrock:***
***Well Depth:***
***Overburden/Bedrock:***

***Flowing (Y/N):***
***Flow Rate:***
***Data Entry Status:***
***Data Src:*** 1
***Date Received:*** 12/22/1997
***Selected Flag:*** TRUE
***Abandonment Rec:***
***Contractor:*** 1558
***Form Version:*** 1
***Owner:***
***County:*** OTTAWA-CARLETON
***Lot:*** 001
***Concession:***
***Concession Name:*** LI
***Easting NAD83:***

***Pump Rate:***
***Static Water Level:***
***Clear/Cloudy:***
***Municipality:*** GLOUCESTER TOWNSHIP
***Site Info:***

***Northing NAD83:***
***Zone:***
***UTM Reliability:***

***Bore Hole Information***

***Bore Hole ID:*** 10051243
***DP2BR:***
***Spatial Status:***
***Code OB:***
***Code OB Desc:***
***Open Hole:***
***Cluster Kind:***
***Date Completed:*** 10/02/1997
***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:*** 931073576
***Layer:*** 5
***Color:*** 1
***General Color:*** WHITE
***Material 1:*** 18
***Material 1 Desc:*** SANDSTONE
***Material 2:*** 73
***Material 2 Desc:*** HARD
***Material 3:***
***Material 3 Desc:***
***Formation Top Depth:*** 68.0
***Formation End Depth:*** 247.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931073577
***Layer:*** 6
***Color:*** 2
***General Color:*** GREY
***Material 1:*** 21
***Material 1 Desc:*** GRANITE
***Material 2:*** 85
***Material 2 Desc:*** SOFT
***Material 3:***
***Material 3 Desc:***
***Formation Top Depth:*** 247.0
***Formation End Depth:*** 270.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931073575
***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:*** 42.0
***Formation End Depth:*** 68.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931073573
***Layer:*** 2
***Color:*** 6
***General Color:*** BROWN
***Material 1:*** 14
***Material 1 Desc:*** HARDPAN
***Material 2:*** 13
***Material 2 Desc:*** BOULDERS
***Material 3:*** 79
***Material 3 Desc:*** PACKED
***Formation Top Depth:*** 8.0
***Formation End Depth:*** 30.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931073574
***Layer:*** 3
***Color:*** 2
***General Color:*** GREY
***Material 1:*** 05
***Material 1 Desc:*** CLAY
***Material 2:*** 81
***Material 2 Desc:*** SANDY
***Material 3:*** 79
***Material 3 Desc:*** PACKED
***Formation Top Depth:*** 30.0
***Formation End Depth:*** 42.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931073572
***Layer:*** 1
***Color:*** 6
***General Color:*** BROWN
***Material 1:*** 05
***Material 1 Desc:*** CLAY
***Material 2:*** 12
***Material 2 Desc:*** STONES
***Material 3:*** 77
***Material 3 Desc:*** LOOSE
***Formation Top Depth:*** 0.0
***Formation End Depth:*** 8.0
***Formation End Depth UOM:*** ft

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

***Plug ID:*** 933114771
***Layer:*** 1

***Plug From:*** 424.0
***Plug To:***
***Plug Depth UOM:*** ft

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

***Method Construction ID:*** 961529708
***Method Construction Code:*** 5
***Method Construction:*** Air Percussion
***Other Method Construction:***

***Pipe Information***

***Pipe ID:*** 10599813
***Casing No:*** 1
***Comment:***
***Alt Name:***

***Construction Record - Casing***

***Casing ID:*** 930089437
***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

***Construction Record - Casing***

***Casing ID:*** 930089438
***Layer:*** 2
***Material:*** 4
***Open Hole or Material:*** OPEN HOLE
***Depth From:***
***Depth To:*** 150.0
***Casing Diameter:*** 5.0
***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Construction Record - Casing***

***Casing ID:*** 930089439
***Layer:*** 3
***Material:*** 4
***Open Hole or Material:*** OPEN HOLE
***Depth From:***
***Depth To:*** 270.0
***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:*** 991529708
***Pump Set At:***
***Static Level:*** 30.0
***Final Level After Pumping:*** 100.0
***Recommended Pump Depth:*** 100.0
***Pumping Rate:*** 10.0
***Flowing Rate:***

***Recommended Pump Rate:*** 5.0
***Levels UOM:*** ft
***Rate UOM:*** GPM
***Water State After Test Code:*** 2
***Water State After Test:*** CLOUDY
***Pumping Test Method:*** 1
***Pumping Duration HR:*** 1
***Pumping Duration MIN:*** 0
***Flowing:*** No

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934909332
***Test Type:*** Recovery
***Test Duration:*** 60
***Test Level:*** 30.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934660795
***Test Type:*** Recovery
***Test Duration:*** 45
***Test Level:*** 30.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934116659
***Test Type:*** Recovery
***Test Duration:*** 15
***Test Level:*** 37.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934391633
***Test Type:*** Recovery
***Test Duration:*** 30
***Test Level:*** 31.0
***Test Level UOM:*** ft

***Water Details***

***Water ID:*** 933489738
***Layer:*** 1
***Kind Code:*** 5
***Kind:*** Not stated
***Water Found Depth:*** 48.0
***Water Found Depth UOM:*** ft

***Water Details***

***Water ID:*** 933489739
***Layer:*** 2
***Kind Code:*** 5
***Kind:*** Not stated
***Water Found Depth:*** 245.0
***Water Found Depth UOM:*** ft

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***Site:***
***con 1 ON***

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

***Well ID:*** 1529330 ***Flowing (Y/N):***

***Construction Date:***
***Use 1st:*** Commerical
***Use 2nd:***
***Final Well Status:*** Abandoned-Other
***Water Type:***
***Casing Material:***
***Audit No:*** 169507
***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:***

***Flow Rate:***
***Data Entry Status:***
***Data Src:*** 1
***Date Received:*** 02/14/1997
***Selected Flag:*** TRUE
***Abandonment Rec:***
***Contractor:*** 6844
***Form Version:*** 1
***Owner:***
***County:*** OTTAWA-CARLETON
***Lot:***
***Concession:*** 01
***Concession Name:*** OF
***Easting NAD83:***
***Northing NAD83:***
***Zone:***
***UTM Reliability:***

***Bore Hole Information***

***Bore Hole ID:*** 10050866
***DP2BR:***
***Spatial Status:***
***Code OB:***
***Code OB Desc:***
***Open Hole:***
***Cluster Kind:***
***Date Completed:*** 12/06/1996
***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:*** 931072413
***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:*** 17.0
***Formation End Depth UOM:*** ft

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

***Plug ID:*** 933114302
***Layer:*** 1
***Plug From:*** 0.0
***Plug To:*** 2.0
***Plug Depth UOM:*** ft

***Annular Space/Abandonment***

***Sealing Record***

| | |
|---|---|
| ***Plug ID:*** | 933114303 |
| ***Layer:*** | 2 |
| ***Plug From:*** | 2.0 |
| ***Plug To:*** | 17.0 |
| ***Plug Depth UOM:*** | ft |

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

| | |
|---|---|
| ***Method Construction ID:*** | 961529330 |
| ***Method Construction Code:*** | A |
| ***Method Construction:*** | Digging |
| ***Other Method Construction:*** | |

***Pipe Information***

| | |
|---|---|
| ***Pipe ID:*** | 10599436 |
| ***Casing No:*** | 1 |
| ***Comment:*** | |
| ***Alt Name:*** | |

***Construction Record - Casing***

| | |
|---|---|
| ***Casing ID:*** | 930088795 |
| ***Layer:*** | 1 |
| ***Material:*** | 5 |
| ***Open Hole or Material:*** | PLASTIC |
| ***Depth From:*** | |
| ***Depth To:*** | 17.0 |
| ***Casing Diameter:*** | 36.0 |
| ***Casing Diameter UOM:*** | inch |
| ***Casing Depth UOM:*** | ft |

***Construction Record - Screen***

| | |
|---|---|
| ***Screen ID:*** | 933326678 |
| ***Layer:*** | 1 |
| ***Slot:*** | |
| ***Screen Top Depth:*** | |
| ***Screen End Depth:*** | |
| ***Screen Material:*** | |
| ***Screen Depth UOM:*** | ft |
| ***Screen Diameter UOM:*** | inch |
| ***Screen Diameter:*** | 36.0 |

***Water Details***

| | |
|---|---|
| ***Water ID:*** | 933489269 |
| ***Layer:*** | 1 |
| ***Kind Code:*** | 5 |
| ***Kind:*** | Not stated |
| ***Water Found Depth:*** | 6.0 |
| ***Water Found Depth UOM:*** | ft |

---

***Site:***
***lot 1 ON***

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

| | | | |
|---|---|---|---|
| ***Well ID:*** | 1528977 | ***Flowing (Y/N):*** | |
| ***Construction Date:*** | | ***Flow Rate:*** | |
| ***Use 1st:*** | Commerical | ***Data Entry Status:*** | |
| ***Use 2nd:*** | | ***Data Src:*** | 1 |
| ***Final Well Status:*** | Water Supply | ***Date Received:*** | 06/10/1996 |
| ***Water Type:*** | | ***Selected Flag:*** | TRUE |

***Casing Material:***
***Audit No:*** 169410
***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:***

***Abandonment Rec:***
***Contractor:*** 1414
***Form Version:*** 1
***Owner:***
***County:*** OTTAWA-CARLETON
***Lot:*** 001
***Concession:***
***Concession Name:***
***Easting NAD83:***
***Northing NAD83:***
***Zone:***
***UTM Reliability:***

***Bore Hole Information***

***Bore Hole ID:*** 10050513
***DP2BR:***
***Spatial Status:***
***Code OB:***
***Code OB Desc:***
***Open Hole:***
***Cluster Kind:***
***Date Completed:*** 05/29/1996
***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:*** 931071369
***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:*** 8.0
***Formation End Depth:*** 80.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931071370
***Layer:*** 3
***Color:*** 2
***General Color:*** GREY
***Material 1:*** 11
***Material 1 Desc:*** GRAVEL
***Material 2:*** 13
***Material 2 Desc:*** BOULDERS
***Material 3:*** 77
***Material 3 Desc:*** LOOSE
***Formation Top Depth:*** 80.0
***Formation End Depth:*** 85.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931071368
***Layer:*** 1
***Color:*** 6
***General Color:*** BROWN
***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:*** 8.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931071371
***Layer:*** 4
***Color:*** 2
***General Color:*** GREY
***Material 1:*** 15
***Material 1 Desc:*** LIMESTONE
***Material 2:*** 26
***Material 2 Desc:*** ROCK
***Material 3:*** 74
***Material 3 Desc:*** LAYERED
***Formation Top Depth:*** 85.0
***Formation End Depth:*** 92.0
***Formation End Depth UOM:*** ft

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

***Plug ID:*** 933113977
***Layer:*** 1
***Plug From:*** 5.0
***Plug To:*** 40.0
***Plug Depth UOM:*** ft

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

***Method Construction ID:*** 961528977
***Method Construction Code:*** 4
***Method Construction:*** Rotary (Air)
***Other Method Construction:***

***Pipe Information***

***Pipe ID:*** 10599083
***Casing No:*** 1
***Comment:***
***Alt Name:***

***Construction Record - Casing***

***Casing ID:*** 930088277
***Layer:*** 2
***Material:*** 4
***Open Hole or Material:*** OPEN HOLE

***Depth From:***
***Depth To:*** 92.0
***Casing Diameter:*** 6.0
***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Construction Record - Casing***

***Casing ID:*** 930088276
***Layer:*** 1
***Material:*** 1
***Open Hole or Material:*** STEEL
***Depth From:***
***Depth To:*** 85.0
***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:*** 991528977
***Pump Set At:***
***Static Level:*** -1.0
***Final Level After Pumping:*** 92.0
***Recommended Pump Depth:*** 50.0
***Pumping Rate:*** 30.0
***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:*** 1
***Pumping Duration HR:*** 1
***Pumping Duration MIN:*** 0
***Flowing:*** Yes

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934105828
***Test Type:*** Recovery
***Test Duration:*** 15
***Test Level:*** -1.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934907575
***Test Type:*** Recovery
***Test Duration:*** 60
***Test Level:*** -1.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934658629
***Test Type:*** Recovery
***Test Duration:*** 45
***Test Level:*** -1.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934389454

***Test Type:*** Recovery
***Test Duration:*** 30
***Test Level:*** -1.0
***Test Level UOM:*** ft

***Water Details***

***Water ID:*** 933488886
***Layer:*** 1
***Kind Code:*** 1
***Kind:*** FRESH
***Water Found Depth:*** 90.0
***Water Found Depth UOM:*** ft

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***Site:***
***lot 1 ON***

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

***Well ID:*** 1528660
***Construction Date:***
***Use 1st:*** Municipal
***Use 2nd:***
***Final Well Status:***
***Water Type:***
***Casing Material:***
***Audit No:*** 147554
***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:*** 08/03/1995
***Selected Flag:*** TRUE
***Abandonment Rec:***
***Contractor:*** 4006
***Form Version:*** 1
***Owner:***
***County:*** OTTAWA-CARLETON
***Lot:*** 001
***Concession:***
***Concession Name:*** LI
***Easting NAD83:***
***Northing NAD83:***
***Zone:***
***UTM Reliability:***

***Bore Hole Information***

***Bore Hole ID:*** 10050196
***DP2BR:***
***Spatial Status:***
***Code OB:***
***Code OB Desc:***
***Open Hole:***
***Cluster Kind:***
***Date Completed:*** 06/21/1995
***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:*** 931070393
***Layer:*** 1
***Color:*** 6
***General Color:*** BROWN
***Material 1:*** 05
***Material 1 Desc:*** CLAY
***Material 2:*** 12

***Material 2 Desc:*** STONES
***Material 3:***
***Material 3 Desc:***
***Formation Top Depth:*** 0.0
***Formation End Depth:*** 34.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931070395
***Layer:*** 3
***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:*** 41.0
***Formation End Depth:*** 110.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931070394
***Layer:*** 2
***Color:*** 2
***General Color:*** GREY
***Material 1:*** 15
***Material 1 Desc:*** LIMESTONE
***Material 2:*** 17
***Material 2 Desc:*** SHALE
***Material 3:*** 74
***Material 3 Desc:*** LAYERED
***Formation Top Depth:*** 34.0
***Formation End Depth:*** 41.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931070396
***Layer:*** 4
***Color:*** 2
***General Color:*** GREY
***Material 1:*** 15
***Material 1 Desc:*** LIMESTONE
***Material 2:*** 12
***Material 2 Desc:*** STONES
***Material 3:*** 74
***Material 3 Desc:*** LAYERED
***Formation Top Depth:*** 110.0
***Formation End Depth:*** 130.0
***Formation End Depth UOM:*** ft

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

***Plug ID:*** 933113579
***Layer:*** 1
***Plug From:*** 0.0
***Plug To:*** 15.0
***Plug Depth UOM:*** ft

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

| | |
|---|---|
| ***Plug ID:*** | 933113581 |
| ***Layer:*** | 3 |
| ***Plug From:*** | 115.0 |
| ***Plug To:*** | 130.0 |
| ***Plug Depth UOM:*** | ft |

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

| | |
|---|---|
| ***Plug ID:*** | 933113580 |
| ***Layer:*** | 2 |
| ***Plug From:*** | 15.0 |
| ***Plug To:*** | 115.0 |
| ***Plug Depth UOM:*** | ft |

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

| | |
|---|---|
| ***Method Construction ID:*** | 961528660 |
| ***Method Construction Code:*** | 4 |
| ***Method Construction:*** | Rotary (Air) |
| ***Other Method Construction:*** | |

***Pipe Information***

| | |
|---|---|
| ***Pipe ID:*** | 10598766 |
| ***Casing No:*** | 1 |
| ***Comment:*** | |
| ***Alt Name:*** | |

***Construction Record - Casing***

| | |
|---|---|
| ***Casing ID:*** | 930087738 |
| ***Layer:*** | 1 |
| ***Material:*** | |
| ***Open Hole or Material:*** | |
| ***Depth From:*** | |
| ***Depth To:*** | 130.0 |
| ***Casing Diameter:*** | 6.0 |
| ***Casing Diameter UOM:*** | inch |
| ***Casing Depth UOM:*** | ft |

***Water Details***

| | |
|---|---|
| ***Water ID:*** | 933488459 |
| ***Layer:*** | 1 |
| ***Kind Code:*** | 5 |
| ***Kind:*** | Not stated |
| ***Water Found Depth:*** | 127.0 |
| ***Water Found Depth UOM:*** | ft |

---

***Site:***
***lot 1 ON***

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

| | | | |
|---|---|---|---|
| ***Well ID:*** | 1526826 | ***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:*** | 01/27/1993 |
| ***Water Type:*** | | ***Selected Flag:*** | TRUE |

***Casing Material:***
***Audit No:*** 121999
***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:***

***Abandonment Rec:***
***Contractor:*** 1517
***Form Version:*** 1
***Owner:***
***County:*** OTTAWA-CARLETON
***Lot:*** 001
***Concession:***
***Concession Name:***
***Easting NAD83:***
***Northing NAD83:***
***Zone:***
***UTM Reliability:***

***Bore Hole Information***

***Bore Hole ID:*** 10048514
***DP2BR:***
***Spatial Status:***
***Code OB:***
***Code OB Desc:***
***Open Hole:***
***Cluster Kind:***
***Date Completed:*** 12/04/1992
***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:*** 931065294
***Layer:*** 1
***Color:*** 6
***General Color:*** BROWN
***Material 1:*** 28
***Material 1 Desc:*** SAND
***Material 2:***
***Material 2 Desc:***
***Material 3:***
***Material 3 Desc:***
***Formation Top Depth:*** 0.0
***Formation End Depth:*** 42.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931065296
***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:*** 98.0
***Formation End Depth:*** 107.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| ***Formation ID:*** | 931065295 |
| ***Layer:*** | 2 |
| ***Color:*** | 2 |
| ***General Color:*** | GREY |
| ***Material 1:*** | 28 |
| ***Material 1 Desc:*** | SAND |
| ***Material 2:*** | |
| ***Material 2 Desc:*** | |
| ***Material 3:*** | |
| ***Material 3 Desc:*** | |
| ***Formation Top Depth:*** | 42.0 |
| ***Formation End Depth:*** | 98.0 |
| ***Formation End Depth UOM:*** | ft |

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

| | |
|---|---|
| ***Plug ID:*** | 933111993 |
| ***Layer:*** | 1 |
| ***Plug From:*** | 0.0 |
| ***Plug To:*** | 25.0 |
| ***Plug Depth UOM:*** | ft |

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

| | |
|---|---|
| ***Method Construction ID:*** | 961526826 |
| ***Method Construction Code:*** | 1 |
| ***Method Construction:*** | Cable Tool |
| ***Other Method Construction:*** | |

***Pipe Information***

| | |
|---|---|
| ***Pipe ID:*** | 10597084 |
| ***Casing No:*** | 1 |
| ***Comment:*** | |
| ***Alt Name:*** | |

***Construction Record - Casing***

| | |
|---|---|
| ***Casing ID:*** | 930084961 |
| ***Layer:*** | 1 |
| ***Material:*** | 1 |
| ***Open Hole or Material:*** | STEEL |
| ***Depth From:*** | |
| ***Depth To:*** | 98.0 |
| ***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:*** | 991526826 |
| ***Pump Set At:*** | |
| ***Static Level:*** | 40.0 |
| ***Final Level After Pumping:*** | 40.0 |
| ***Recommended Pump Depth:*** | 80.0 |
| ***Pumping Rate:*** | 20.0 |
| ***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:*** 30
***Flowing:*** No

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934910329
***Test Type:*** Draw Down
***Test Duration:*** 60
***Test Level:*** 40.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934392625
***Test Type:*** Draw Down
***Test Duration:*** 30
***Test Level:*** 40.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934653138
***Test Type:*** Draw Down
***Test Duration:*** 45
***Test Level:*** 40.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934108991
***Test Type:*** Draw Down
***Test Duration:*** 15
***Test Level:*** 40.0
***Test Level UOM:*** ft

***Water Details***

***Water ID:*** 933486271
***Layer:*** 1
***Kind Code:*** 1
***Kind:*** FRESH
***Water Found Depth:*** 102.0
***Water Found Depth UOM:*** ft

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***Site:***
***con 1 ON***

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

***Well ID:*** 1525673
***Construction Date:***
***Use 1st:*** Domestic
***Use 2nd:***
***Final Well Status:*** Water Supply
***Water Type:***
***Casing Material:***
***Audit No:*** 68558
***Tag:***
***Constructn Method:***
***Elevation (m):***
***Elevatn Reliabilty:***
***Flowing (Y/N):***
***Flow Rate:***
***Data Entry Status:***
***Data Src:*** 1
***Date Received:*** 10/21/1991
***Selected Flag:*** TRUE
***Abandonment Rec:***
***Contractor:*** 3644
***Form Version:*** 1
***Owner:***
***County:*** OTTAWA-CARLETON
***Lot:***

| | | | |
|---|---|---|---|
| ***Depth to Bedrock:*** | | ***Concession:*** | 01 |
| ***Well Depth:*** | | ***Concession Name:*** | RF |
| ***Overburden/Bedrock:*** | | ***Easting NAD83:*** | |
| ***Pump Rate:*** | | ***Northing NAD83:*** | |
| ***Static Water Level:*** | | ***Zone:*** | |
| ***Clear/Cloudy:*** | | ***UTM Reliability:*** | |
| ***Municipality:*** | GLOUCESTER TOWNSHIP | | |
| ***Site Info:*** | | | |

***Bore Hole Information***

| | | | |
|---|---|---|---|
| ***Bore Hole ID:*** | 10047408 | ***Elevation:*** | |
| ***DP2BR:*** | | ***Elevrc:*** | |
| ***Spatial Status:*** | | ***Zone:*** | 18 |
| ***Code OB:*** | | ***East83:*** | |
| ***Code OB Desc:*** | | ***North83:*** | |
| ***Open Hole:*** | | ***Org CS:*** | |
| ***Cluster Kind:*** | | ***UTMRC:*** | 9 |
| ***Date Completed:*** | 02/27/1991 | ***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:*** | 931061984 |
| ***Layer:*** | 1 |
| ***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:*** | 0.0 |
| ***Formation End Depth:*** | 32.0 |
| ***Formation End Depth UOM:*** | ft |

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| ***Formation ID:*** | 931061986 |
| ***Layer:*** | 3 |
| ***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:*** | 45.0 |
| ***Formation End Depth:*** | 103.0 |
| ***Formation End Depth UOM:*** | ft |

***Overburden and Bedrock Materials Interval***

| | |
|---|---|
| ***Formation ID:*** | 931061985 |

***Layer:*** 2
***Color:*** 2
***General Color:*** GREY
***Material 1:*** 14
***Material 1 Desc:*** HARDPAN
***Material 2:*** 12
***Material 2 Desc:*** STONES
***Material 3:***
***Material 3 Desc:***
***Formation Top Depth:*** 32.0
***Formation End Depth:*** 45.0
***Formation End Depth UOM:*** ft

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

***Method Construction ID:*** 961525673
***Method Construction Code:*** 5
***Method Construction:*** Air Percussion
***Other Method Construction:***

***Pipe Information***

***Pipe ID:*** 10595978
***Casing No:*** 1
***Comment:***
***Alt Name:***

***Construction Record - Casing***

***Casing ID:*** 930082983
***Layer:*** 1
***Material:*** 1
***Open Hole or Material:*** STEEL
***Depth From:***
***Depth To:*** 49.0
***Casing Diameter:*** 6.0
***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Construction Record - Casing***

***Casing ID:*** 930082984
***Layer:*** 2
***Material:*** 4
***Open Hole or Material:*** OPEN HOLE
***Depth From:***
***Depth To:*** 103.0
***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:*** 991525673
***Pump Set At:***
***Static Level:*** 35.0
***Final Level After Pumping:*** 55.0
***Recommended Pump Depth:*** 55.0
***Pumping Rate:*** 10.0
***Flowing Rate:***
***Recommended Pump Rate:*** 8.0
***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:*** 934105048
***Test Type:***
***Test Duration:*** 15
***Test Level:*** 55.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934388707
***Test Type:***
***Test Duration:*** 30
***Test Level:*** 55.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934906425
***Test Type:***
***Test Duration:*** 60
***Test Level:*** 55.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934649245
***Test Type:***
***Test Duration:*** 45
***Test Level:*** 55.0
***Test Level UOM:*** ft

***Water Details***

***Water ID:*** 933484724
***Layer:*** 1
***Kind Code:*** 1
***Kind:*** FRESH
***Water Found Depth:*** 70.0
***Water Found Depth UOM:*** ft

***Water Details***

***Water ID:*** 933484725
***Layer:*** 2
***Kind Code:*** 1
***Kind:*** FRESH
***Water Found Depth:*** 98.0
***Water Found Depth UOM:*** ft

---

***Site:***
***lot 1 ON***

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

***Well ID:*** 1524829
***Construction Date:***
***Use 1st:*** Domestic
***Use 2nd:***
***Final Well Status:*** Water Supply

***Flowing (Y/N):***
***Flow Rate:***
***Data Entry Status:***
***Data Src:*** 1
***Date Received:*** 09/17/1990

***Water Type:***
***Casing Material:***
***Audit No:*** 56350
***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:***

***Selected Flag:*** TRUE
***Abandonment Rec:***
***Contractor:*** 3644
***Form Version:*** 1
***Owner:***
***County:*** OTTAWA-CARLETON
***Lot:*** 001
***Concession:***
***Concession Name:*** BF
***Easting NAD83:***
***Northing NAD83:***
***Zone:***
***UTM Reliability:***

***Bore Hole Information***

***Bore Hole ID:*** 10046575
***DP2BR:***
***Spatial Status:***
***Code OB:***
***Code OB Desc:***
***Open Hole:***
***Cluster Kind:***
***Date Completed:*** 05/02/1990
***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:*** 931059235
***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:*** 26.0
***Formation End Depth:*** 63.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931059234
***Layer:*** 1
***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:*** 0.0
***Formation End Depth:*** 26.0

***Formation End Depth UOM:*** ft

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

***Method Construction ID:*** 961524829
***Method Construction Code:*** 4
***Method Construction:*** Rotary (Air)
***Other Method Construction:***

***Pipe Information***

***Pipe ID:*** 10595145
***Casing No:*** 1
***Comment:***
***Alt Name:***

***Construction Record - Casing***

***Casing ID:*** 930081538
***Layer:*** 1
***Material:***
***Open Hole or Material:***
***Depth From:***
***Depth To:*** 29.0
***Casing Diameter:*** 6.0
***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Construction Record - Casing***

***Casing ID:*** 930081539
***Layer:*** 2
***Material:*** 3
***Open Hole or Material:*** CONCRETE
***Depth From:***
***Depth To:*** 63.0
***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:*** 991524829
***Pump Set At:***
***Static Level:*** 10.0
***Final Level After Pumping:*** 30.0
***Recommended Pump Depth:*** 30.0
***Pumping Rate:*** 30.0
***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:*** 1
***Pumping Duration HR:*** 1
***Pumping Duration MIN:*** 0
***Flowing:*** No

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934903575
***Test Type:***

***Test Duration:*** 60
***Test Level:*** 30.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934655198
***Test Type:***
***Test Duration:*** 45
***Test Level:*** 30.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934110011
***Test Type:***
***Test Duration:*** 15
***Test Level:*** 30.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934385420
***Test Type:***
***Test Duration:*** 30
***Test Level:*** 30.0
***Test Level UOM:*** ft

***Water Details***

***Water ID:*** 933483589
***Layer:*** 1
***Kind Code:*** 1
***Kind:*** FRESH
***Water Found Depth:*** 54.0
***Water Found Depth UOM:*** ft

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***Site:***
***lot 1 ON***

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

***Well ID:*** 1523093
***Construction Date:***
***Use 1st:*** Domestic
***Use 2nd:***
***Final Well Status:*** Water Supply
***Water Type:***
***Casing Material:***
***Audit No:*** 27149
***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:*** 01/24/1989
***Selected Flag:*** TRUE
***Abandonment Rec:***
***Contractor:*** 3644
***Form Version:*** 1
***Owner:***
***County:*** OTTAWA-CARLETON
***Lot:*** 001
***Concession:***
***Concession Name:***
***Easting NAD83:***
***Northing NAD83:***
***Zone:***
***UTM Reliability:***

***Bore Hole Information***

***Bore Hole ID:*** 10044899
***DP2BR:***

***Elevation:***
***Elevrc:***

***Spatial Status:***
***Code OB:***
***Code OB Desc:***
***Open Hole:***
***Cluster Kind:***
***Date Completed:*** 10/28/1988
***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:***

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

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931053533
***Layer:*** 3
***Color:*** 1
***General Color:*** WHITE
***Material 1:*** 18
***Material 1 Desc:*** SANDSTONE
***Material 2:***
***Material 2 Desc:***
***Material 3:***
***Material 3 Desc:***
***Formation Top Depth:*** 80.0
***Formation End Depth:*** 103.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931053531
***Layer:*** 1
***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:*** 0.0
***Formation End Depth:*** 21.0
***Formation End Depth UOM:*** ft

***Overburden and Bedrock Materials Interval***

***Formation ID:*** 931053532
***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:*** 21.0
***Formation End Depth:*** 80.0
***Formation End Depth UOM:*** ft

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

***Method Construction ID:*** 961523093
***Method Construction Code:*** 5
***Method Construction:*** Air Percussion
***Other Method Construction:***

***Pipe Information***

***Pipe ID:*** 10593469
***Casing No:*** 1
***Comment:***
***Alt Name:***

***Construction Record - Casing***

***Casing ID:*** 930078541
***Layer:*** 2
***Material:*** 4
***Open Hole or Material:*** OPEN HOLE
***Depth From:***
***Depth To:*** 103.0
***Casing Diameter:*** 6.0
***Casing Diameter UOM:*** inch
***Casing Depth UOM:*** ft

***Construction Record - Casing***

***Casing ID:*** 930078540
***Layer:*** 1
***Material:*** 1
***Open Hole or Material:*** STEEL
***Depth From:***
***Depth To:*** 25.0
***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:*** 991523093
***Pump Set At:***
***Static Level:*** 10.0
***Final Level After Pumping:*** 30.0
***Recommended Pump Depth:*** 30.0
***Pumping Rate:*** 30.0
***Flowing Rate:***
***Recommended Pump Rate:*** 15.0
***Levels UOM:*** ft
***Rate UOM:*** GPM
***Water State After Test Code:*** 2
***Water State After Test:*** CLOUDY
***Pumping Test Method:*** 1
***Pumping Duration HR:*** 1
***Pumping Duration MIN:*** 0
***Flowing:*** No

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934388085
***Test Type:***
***Test Duration:*** 30
***Test Level:*** 30.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934906271
***Test Type:***
***Test Duration:*** 60
***Test Level:*** 30.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934112667
***Test Type:***
***Test Duration:*** 15
***Test Level:*** 30.0
***Test Level UOM:*** ft

***Draw Down & Recovery***

***Pump Test Detail ID:*** 934649067
***Test Type:***
***Test Duration:*** 45
***Test Level:*** 30.0
***Test Level UOM:*** ft

***Water Details***

***Water ID:*** 933481225
***Layer:*** 1
***Kind Code:*** 1
***Kind:*** FRESH
***Water Found Depth:*** 50.0
***Water Found Depth UOM:*** ft

***Water Details***

***Water ID:*** 933481226
***Layer:*** 2
***Kind Code:*** 1
***Kind:*** FRESH
***Water Found Depth:*** 97.0
***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 -Nov 2023***

***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-May 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 - Mar 31, 2024***

***Drill Hole Database:*** Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

***Government Publication Date: 1886 - Aug 2023***

***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-Apr 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 - Mar 31, 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-Apr 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-Mar 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, 2022***

***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-Mar 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 2021***

***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 1993-2020:*** 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: Sep 2020***

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

***Government Publication Date: 1800-Aug 2023***

***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 - Mar 31, 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-Apr 30, 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: Sep 2020***

***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: Sep 2020***

***Pipeline Incidents:*** Provincial PINC

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

***Government Publication Date: Feb 28, 2021***

***Private and Retail Fuel Storage Tanks:*** Provincial PRT

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

***Government Publication Date: 1989-1996****

***Permit to Take Water:*** Provincial PTTW

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

***Government Publication Date: 1994 - Mar 31, 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-May 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. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests. This database includes spill incidents that occurred in Mar 2023-Feb 2024 in addition to those listed in the Government Publication Date.

***Government Publication Date: 1988-Jan 2023; see description***

***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 2023***

***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-Apr 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.

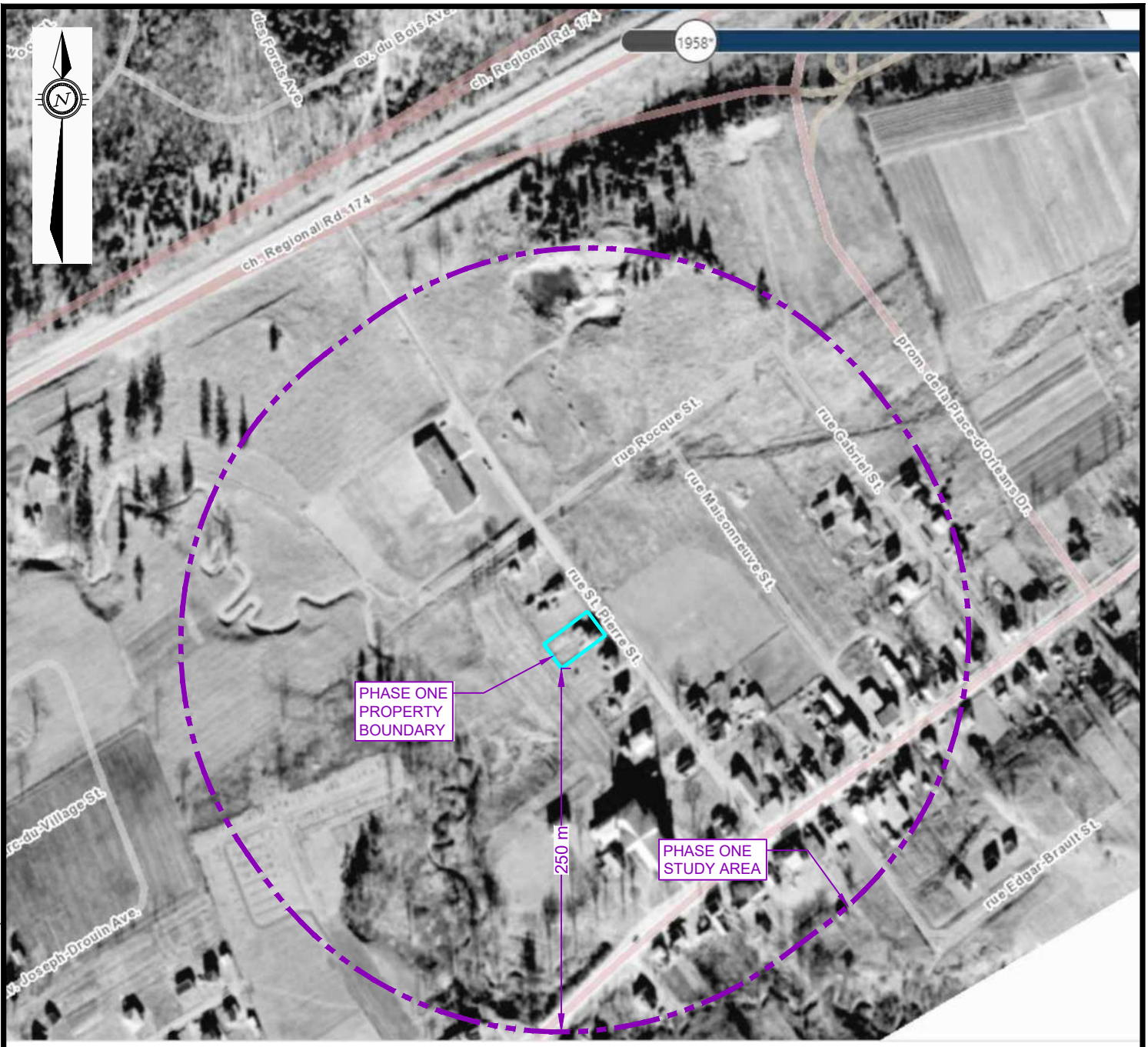
'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

***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 E: Aerial Photographs




AERIAL PHOTOGRAPH SOURCE: *geoOttawa* (*maps.ottawa.ca/geoottawa*)

## LEGEND

PROPERTY BOUNDARY

STUDY AREA (250m)

0 40m 80m 160m

HORIZONTAL 1:4,000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Ottawa, ON K2B 8H6, Canada


| | | |
|---|---|---|
| DATE: JULY 2024 | CLIENT: NEMORIN GROUP LIMITED | project no.: OTT-23014181-F0 |
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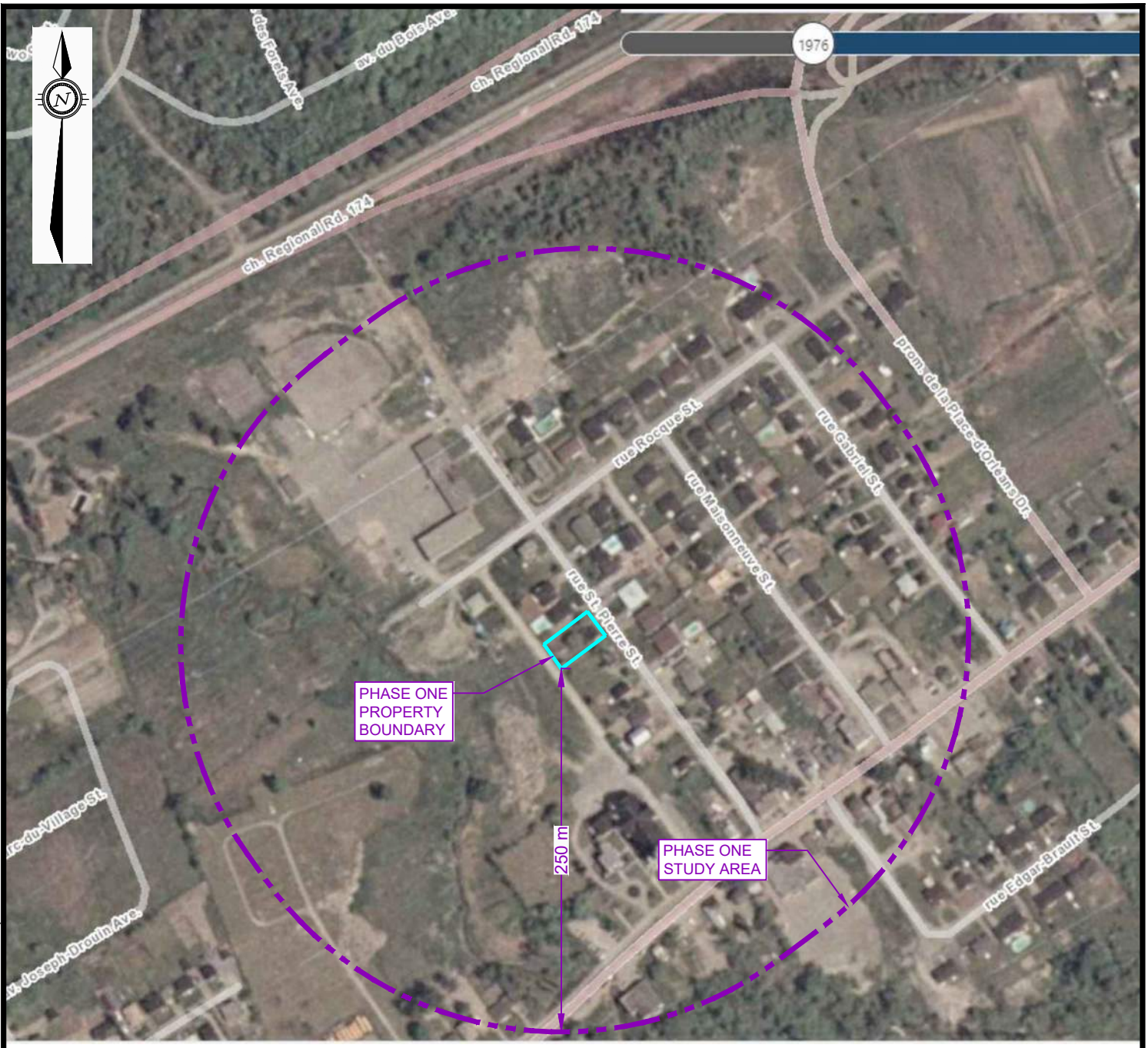
| | TITLE: 1958 AERIAL PHOTOGRAPH | |




AERIAL PHOTOGRAPH SOURCE: *geoOttawa* (*maps.ottawa.ca/geoottawa*)

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| | TITLE: 1976 AERIAL PHOTOGRAPH | FIG F-2 |


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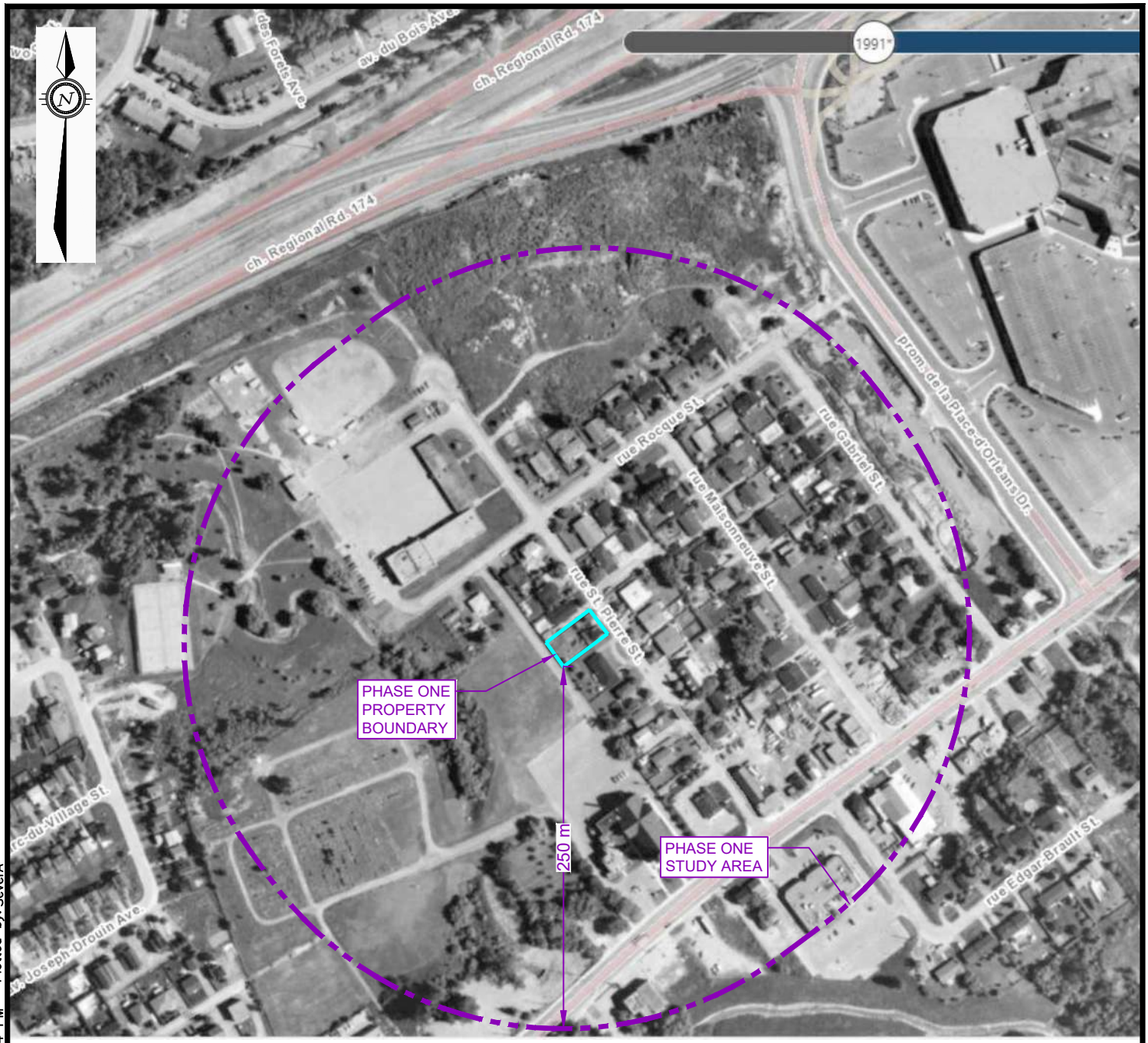


AERIAL PHOTOGRAPH SOURCE: *geoOttawa* (*maps.ottawa.ca/geoottawa*)

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| | TITLE: 1991 AERIAL PHOTOGRAPH | FIG F-3 |

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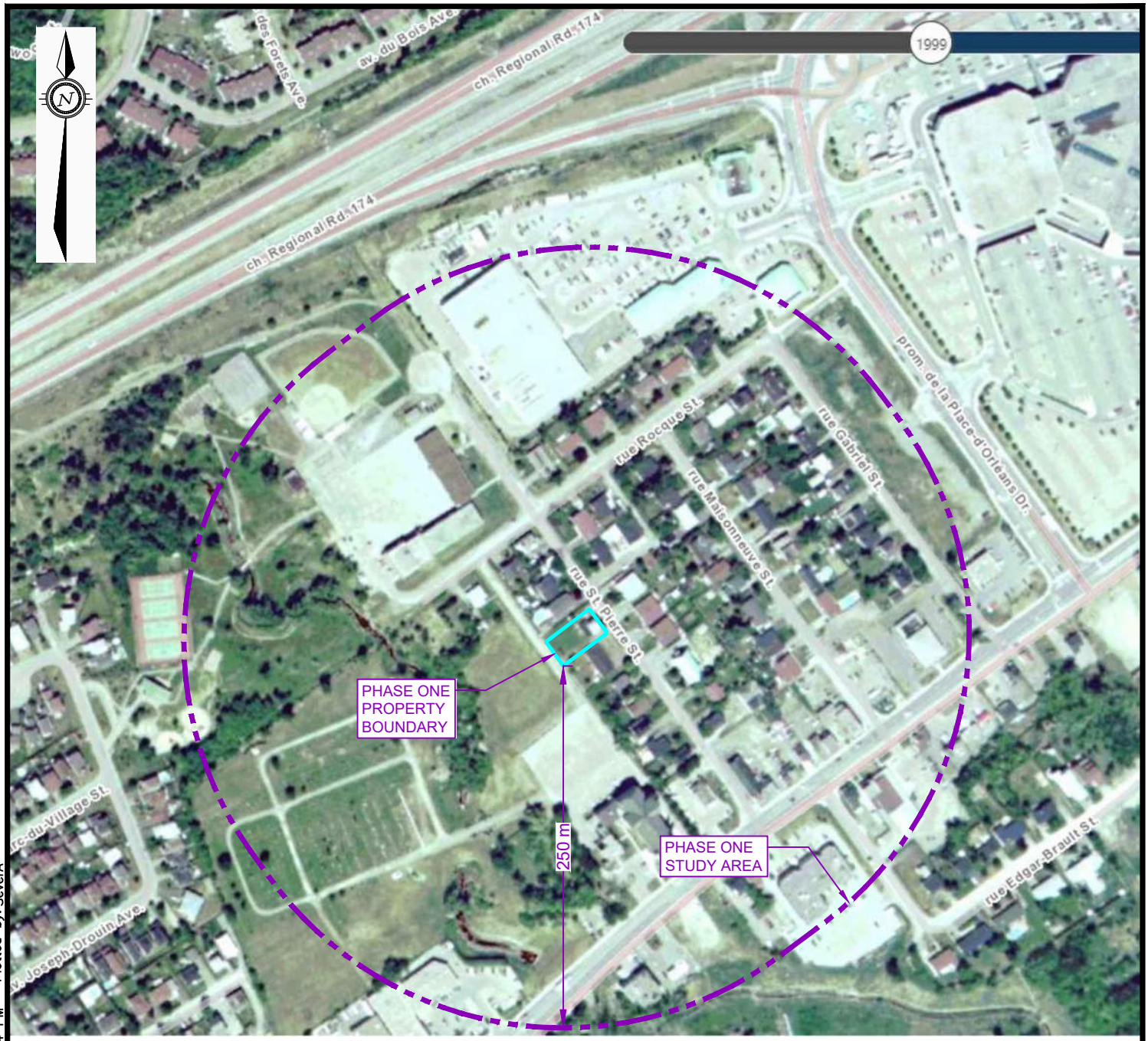


AERIAL PHOTOGRAPH SOURCE: *geoOttawa* (*maps.ottawa.ca/geoottawa*)

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


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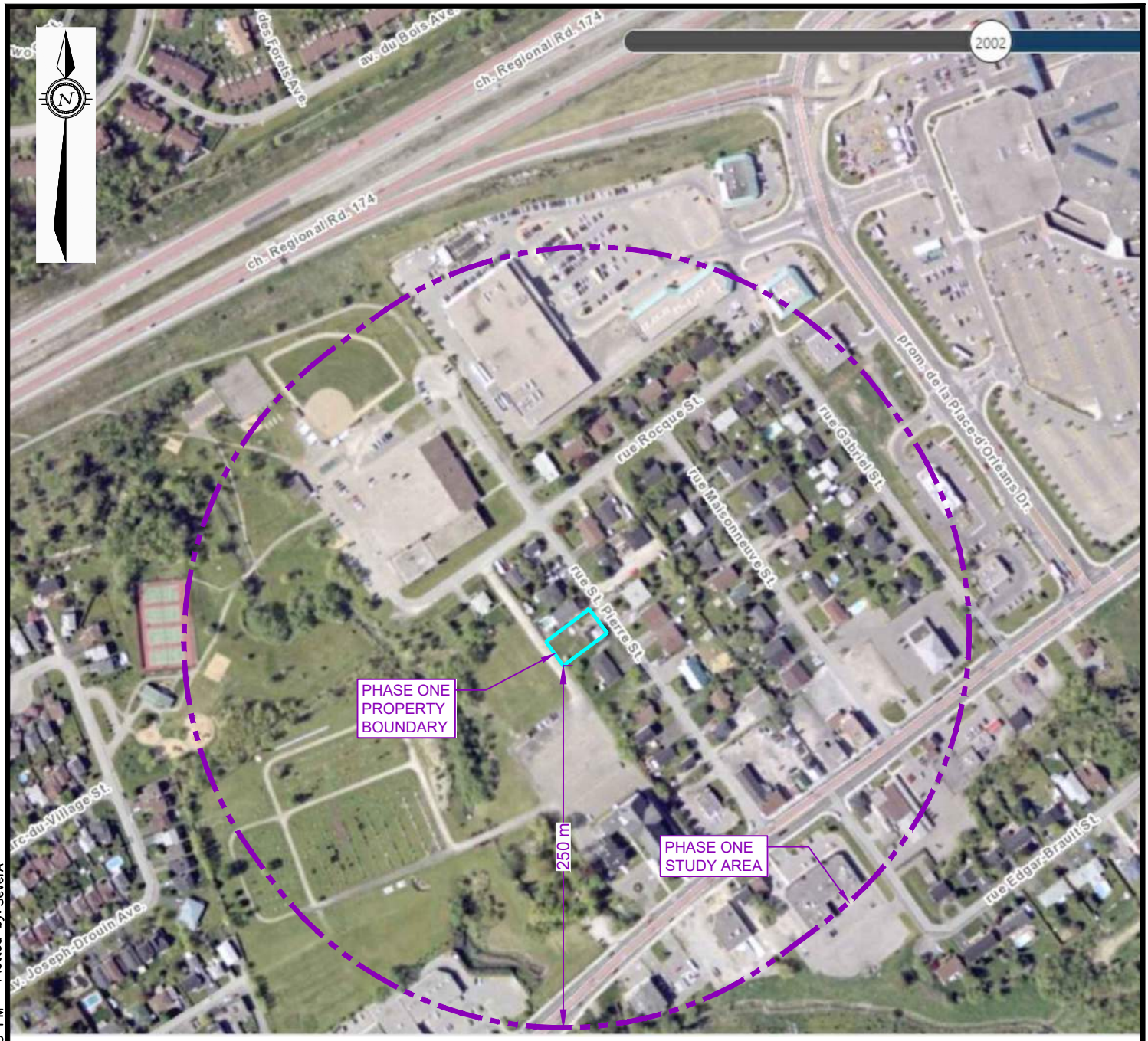


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| DRAWN BY: AS | PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT | FIG F-5 |
| | TITLE: 2002 AERIAL PHOTOGRAPH | |


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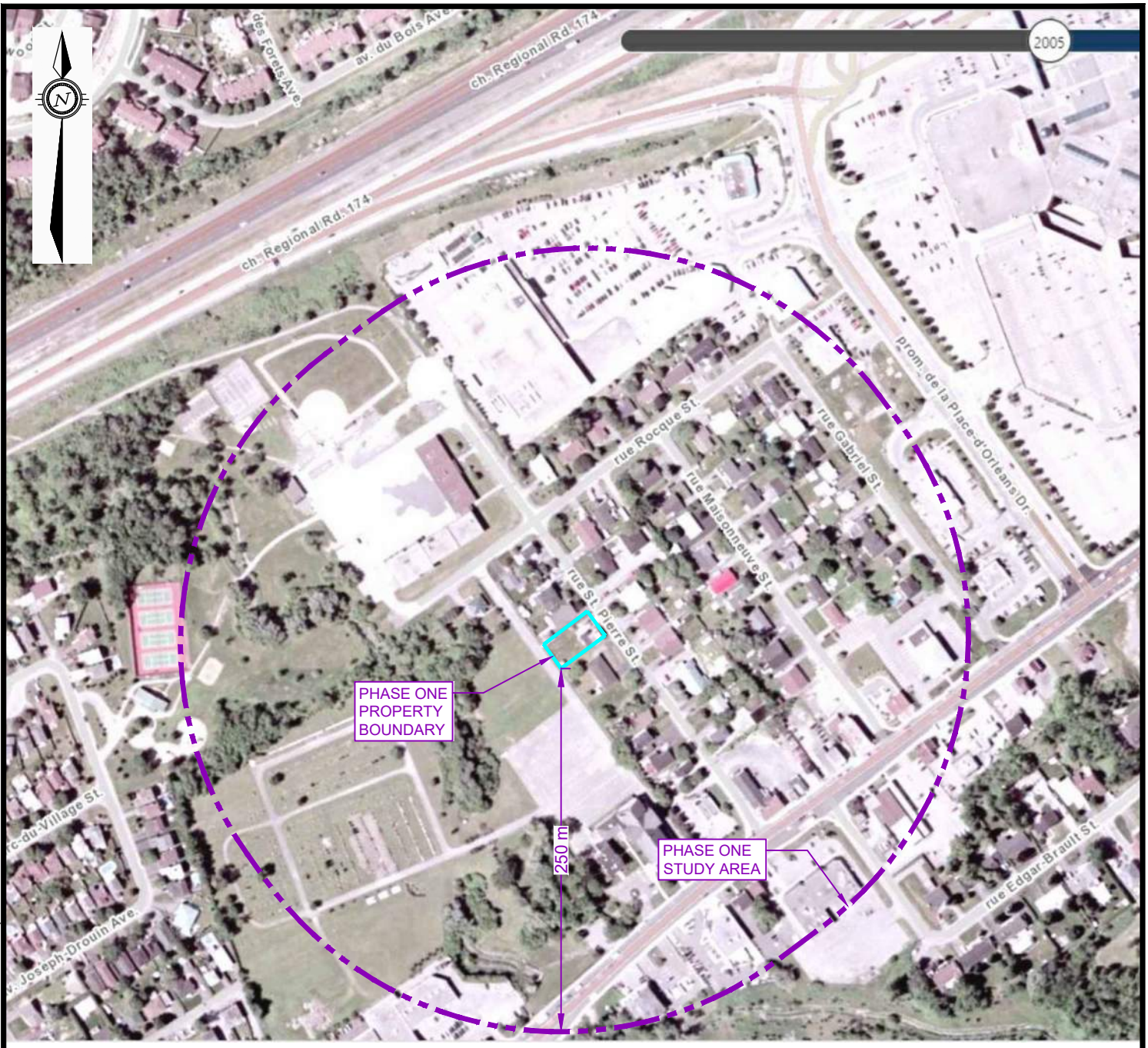


AERIAL PHOTOGRAPH SOURCE: *geoOttawa* (*maps.ottawa.ca/geoottawa*)

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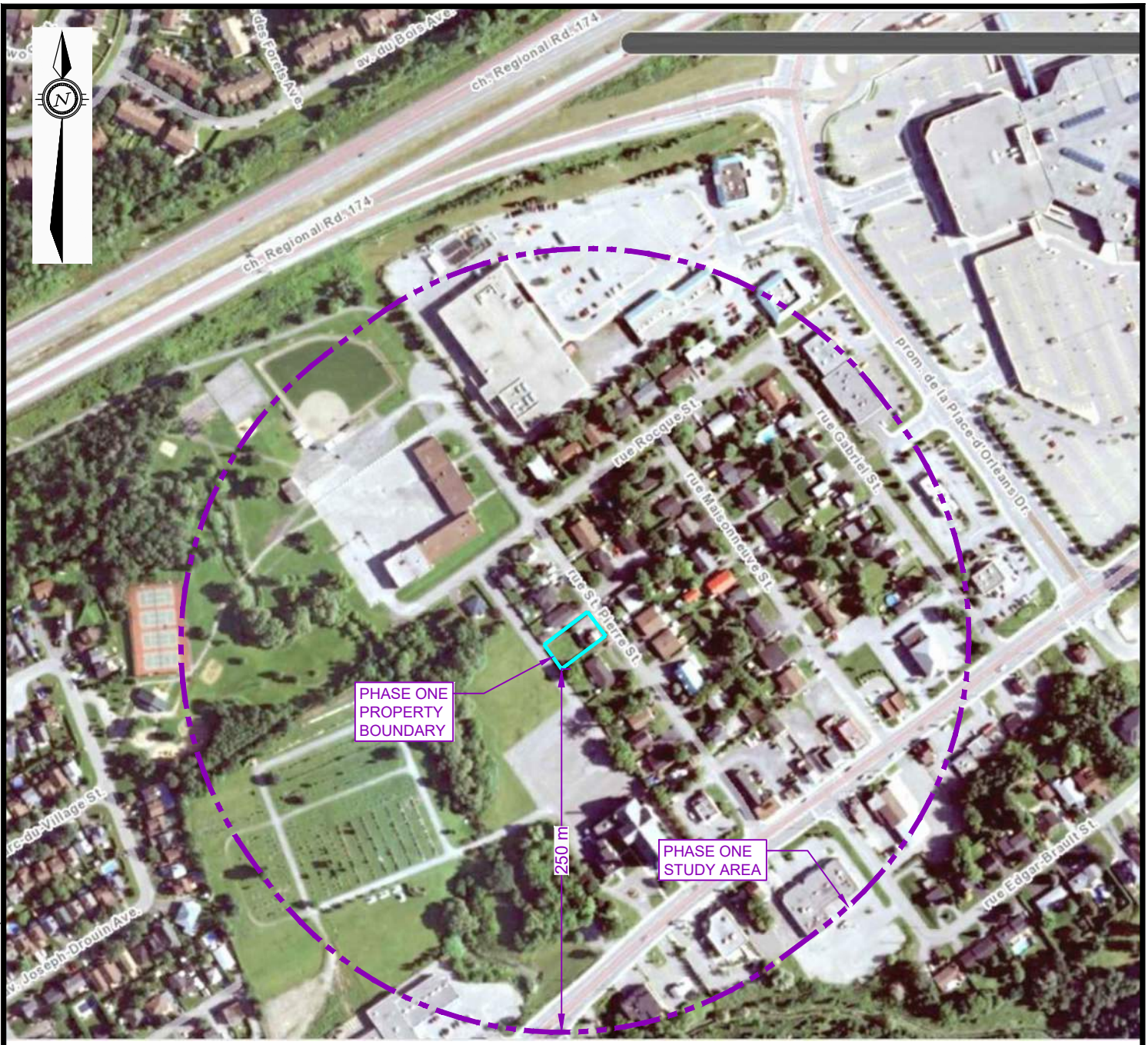


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| | TITLE: 2008 AERIAL PHOTOGRAPH | FIG F-7 |


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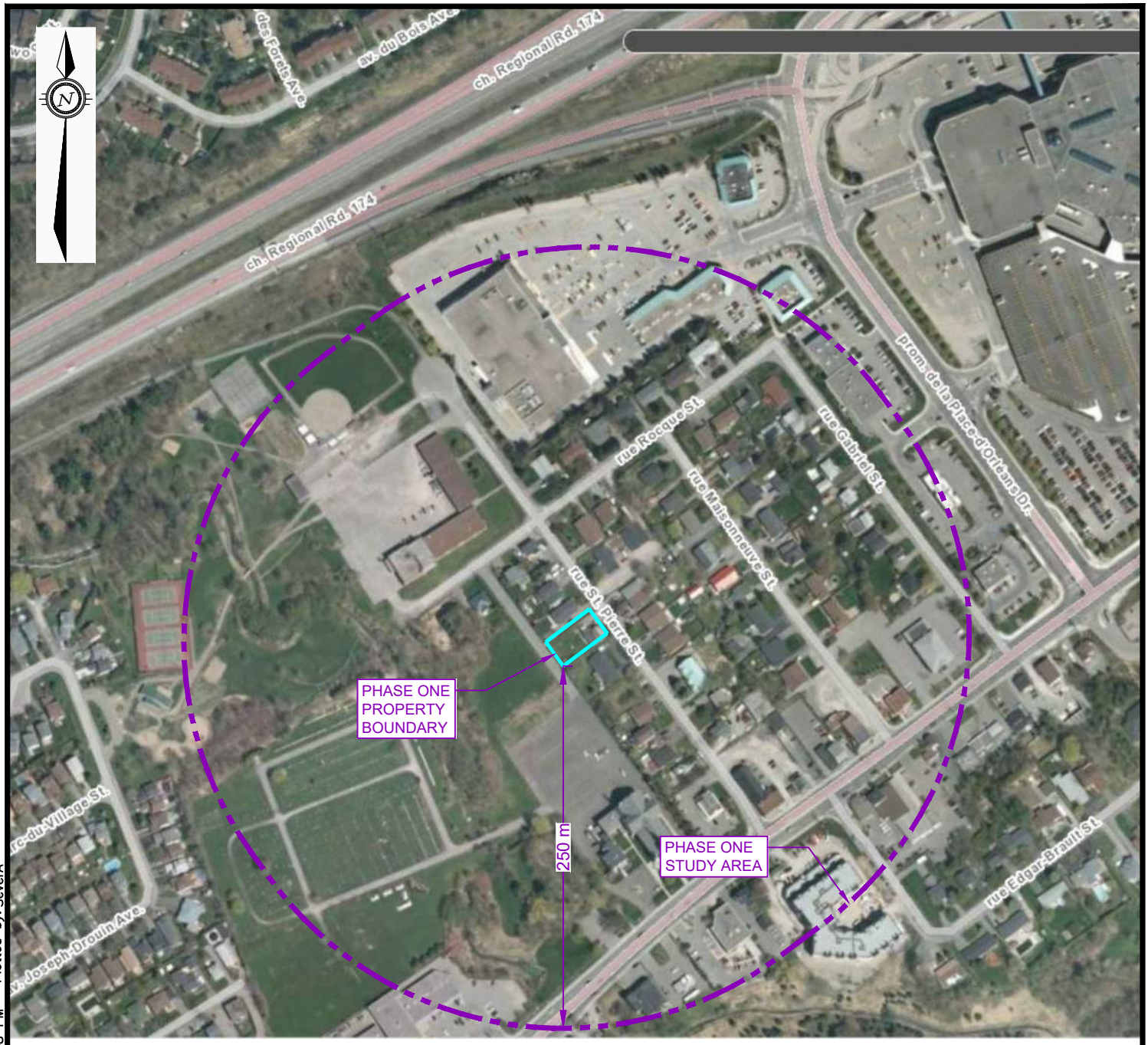


AERIAL PHOTOGRAPH SOURCE: *geoOttawa* (*maps.ottawa.ca/geoottawa*)

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| | TITLE: 2011 AERIAL PHOTOGRAPH | FIG F-8 |

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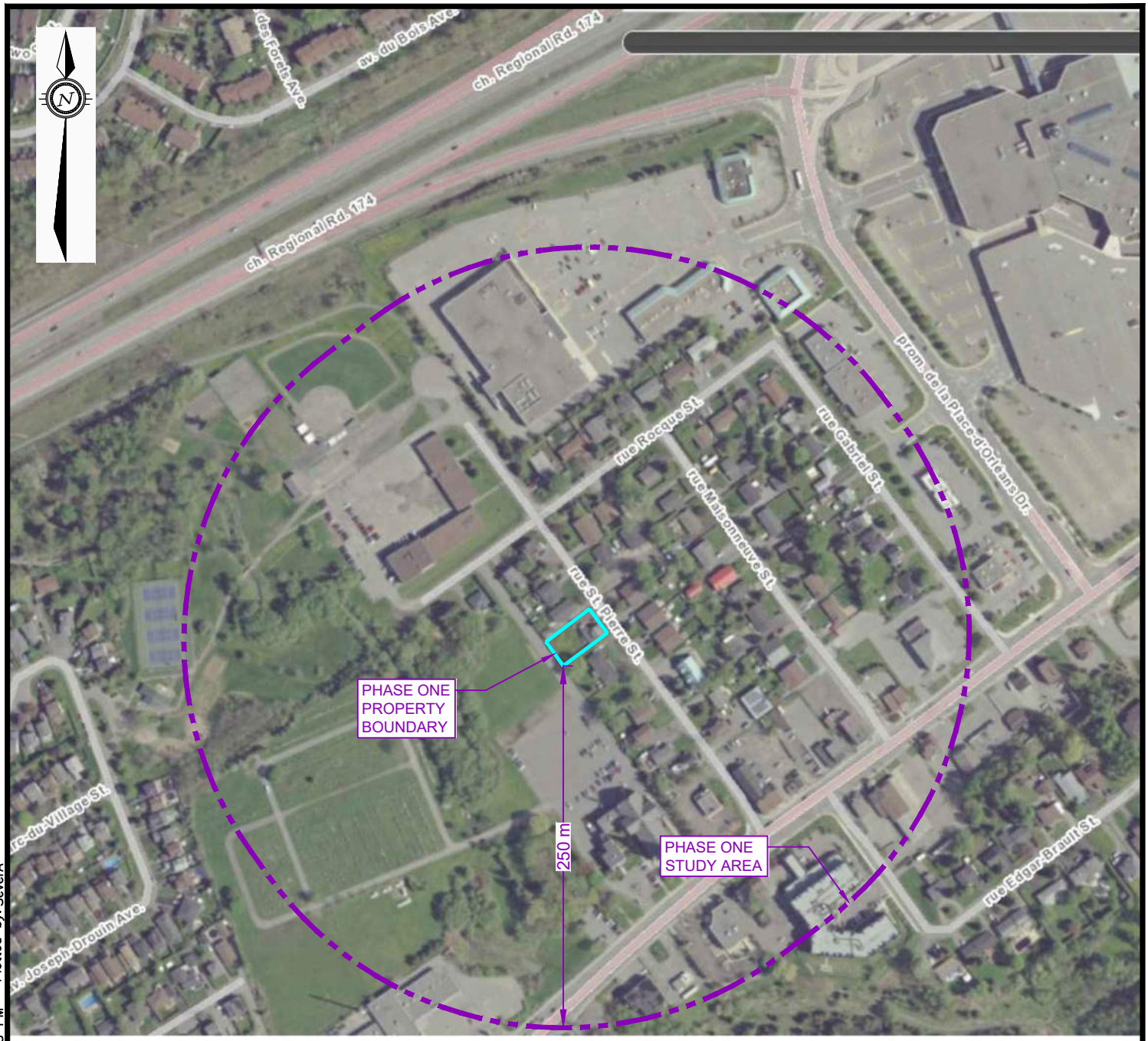


AERIAL PHOTOGRAPH SOURCE: *geoOttawa* (*maps.ottawa.ca/geoottawa*)

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| | TITLE: 2014 AERIAL PHOTOGRAPH | FIG F-9 |


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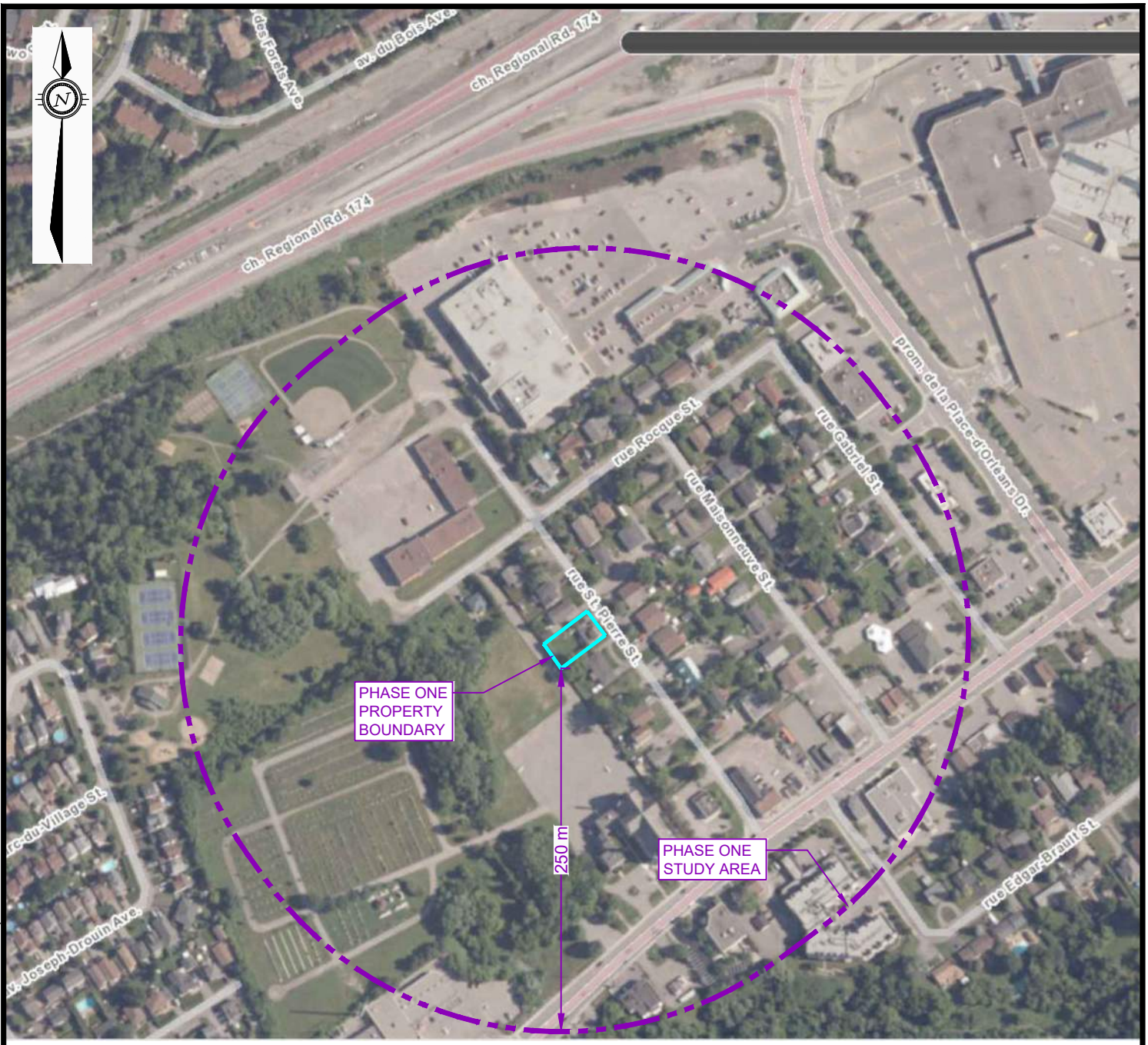


AERIAL PHOTOGRAPH SOURCE: *geoOttawa* (*maps.ottawa.ca/geoottawa*)

## LEGEND

PROPERTY BOUNDARY

STUDY AREA (250m)

0 40m 80m 160m

HORIZONTAL 1:4,000


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|---|---|---|
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| DESIGN: SL / CHECKED: SL | PROPERTY ADDRESS: 1132 ST. PIERRE STREET, OTTAWA, ONTARIO | scale: 1:4,000 |
| DRAWN BY: AS | PROJECT: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT | FIG F-10 |
| | TITLE: 2022 AERIAL PHOTOGRAPH | |


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# Appendix F: Site Photographs

**Photograph No. 1**

View of the residential building located on the Phase One property from St. Pierre Street, facing south.

**Photograph No. 2**

View of the Phase One property from the backyard facing east

**Photograph No. 3**

View of the small shed and landscaped area on the western portion of the Phase One property facing west.

**Photograph No. 4**

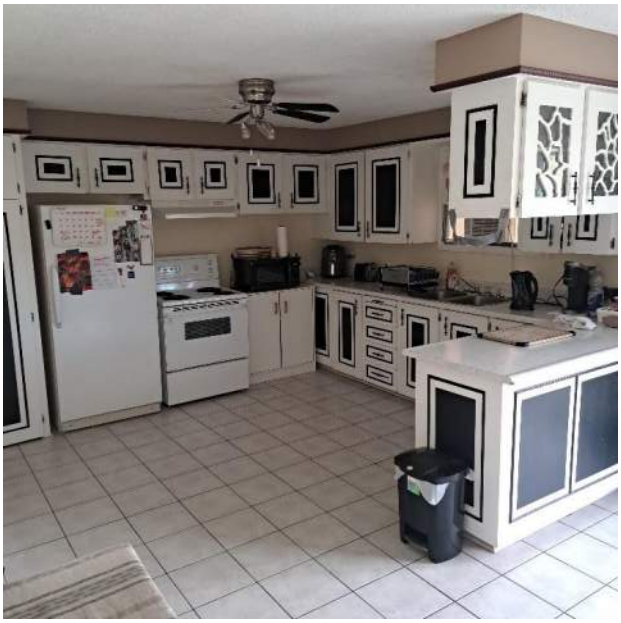
View of the neighboring residential properties along St. Pierre Street, facing northwest.

**Photograph No. 5**

View of the property with garage across St. Pierre to the east, facing east

**Photograph No. 6**

View of the natural gas forced air furnace located in the basement.



**Photograph No. 7**
View of the typical interior construction materials of the Phase One property.

**Photograph No. 8**
View of the sump pit located in the basement of the Phase One property building.

**Photograph No. 9**

View of the damaged ceiling and suspected mould in a second-floor bedroom.

**Photograph No. 10**

View along the eastern Phase One property boundary, facing north.