

# Phase One Environmental Site Assessment 2983 Navan Road, Ottawa, Ontario

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Prepared By: Leah Wells, P.Eng.

Reviewed By: Patricia Stelmack, M.Sc., P.Eng.

EXP Services Inc. 100-2650 Queensview Drive Ottawa, Ontario K2B 8H6 t: +1.613.688.1899 f: +1.613.225.7337

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100-2650 Queensview Drive | Ottawa, Ontario K2B 8H6 | Canada t: +1.613.688.1899 | f: +1.613.225.7337 | exp.com

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## **Executive Summary**

EXP Services Inc. (EXP) was retained by 12714001 Canada Inc. to complete a Phase One Environmental Site Assessment (ESA) for the property located at 2983 Navan Road, Ottawa, Ontario hereinafter referred to as the 'Phase One property'. At the time of the investigation, the Phase One property was vacant.

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in accordance the Canadian Standards Association (CSA) Z768 guideline, as amended, 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.

The purpose of this Phase One ESA is to determine if past or present site activities have resulted in actual or potential contamination at the Phase One property. It is understood that the report will be used to support a site plan application for residential development. The most recent use of the property is not defined by Ontario Regulation 153/04. It is proposed that a residential development, including 67 townhouse units and two nine-storey condos, be constructed on the vacant property.

The Phase One property has the municipal address of 2983 Navan Road in Ottawa, Ontario. The Phase One property is located on the west side of Navan Road, immediately south of Brian Coburn Boulevard and is currently vacant. The Phase One property is irregular in shape with an area of approximately 11.2 acres (4.5 hectares).

The legal description of the Phase One property is described as Part of Lot 6 Concession 3, Gloucester; Parts 2 and 3 Plan 5R-4675, Part 3 Plan 5R-7985, Part 4 Plan 5R-11005, except Parts 13, 14 and 16 Plan 4R-21265 and Parts 1 to 7 expropriation Plan OC1834435, Ottawa. The property identification number (PIN) for the site is 047561337.

Based on a review of historical aerial photographs, historical maps, fire insurance plans and other records, it appears that the Phase One property has never been developed.

The nearest surface water body to the Phase One property is Mud Creek located approximately 70 m north of the Site. The inferred groundwater flow direction is north towards the creek.

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

There were 31 well records within the Phase One study area, 30 of which are for potable wells. None of the records are for the Site. Surrounding properties that have been recently developed are serviced by municipal water. Private wells may still be in use in some of the older residences in the Phase One study area.

No on-site PCA were identified. The following off-site PCA were identified:

- PCA #11 Commercial Trucking and Container Terminals
- PCA #28 Gasoline and Associated Products Storage in Fixed Tanks
- PCA #58 Waste Disposal and Waste Management, including thermal treatment, landfilling, and transfer of waste, other than use of biosoils as soil conditioners

Based on the intervening distance, cross-gradient location from the Phase One property, and the low hydraulic conductivity of the native silty clay, none of the PCAs identified in the Phase One study area are an environmental concern to the Phase One property. Therefore, no APECs were identified.

The Qualified Person who oversaw this work, Patricia Stelmack, M.Sc., P.Eng., does not recommend that a Phase Two ESA be conducted since no APECs were identified on the Phase One property.



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

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



## **1.0** Introduction

EXP Services Inc. (EXP) was retained by 12714001 Canada Inc. to complete a Phase One Environmental Site Assessment (ESA) for the property located at 2983 Navan Road, Ottawa, Ontario hereinafter referred to as the 'Phase One property'. At the time of the investigation, the Phase One property was vacant.

A Phase One ESA is a systematic qualitative process to assess the environmental condition of a site based on its historical and current uses. This Phase One ESA was conducted in accordance the Canadian Standards Association (CSA) Z768 guideline, as amended, in accordance with the Phase One ESA standard as defined by Ontario Regulation 153/04, as amended, and in accordance with generally accepted professional practices. Subject to this standard of care, EXP makes no express or implied warranties regarding its services and no third-party beneficiaries are intended. Limitation of liability, scope of report and third-party reliance are outlined in Section 9 of this report.

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

## 1.1 Objective

The purpose of this Phase One ESA is to determine if past or present site activities have resulted in actual or potential contamination at the Phase One property. It is understood that the report will be used to support a site plan application for residential development.

The most recent use of the property is not defined by Ontario Regulation 153/04. It is proposed that a residential development, including 67 townhouse units and two nine-storey condos, be constructed on the vacant property.

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

## 1.2 Phase One Property Information

The Phase One property has the municipal address of 2983 Navan Road in Ottawa, Ontario. The Phase One property is located on the west side of Navan Road, immediately south of Brian Coburn Boulevard and is currently vacant. The Phase One property is irregular in shape with an area of approximately 11.2 acres (4.5 hectares). A survey plan is provided in Appendix B.

The legal description of the Phase One property is described as Part of Lot 6 Concession 3, Gloucester; Parts 2 and 3 Plan 5R-4675, Part 3 Plan 5R-7985, Part 4 Plan 5R-11005, except Parts 13, 14 and 16 Plan 4R-21265 and Parts 1 to 7 expropriation Plan OC1834435, Ottawa. The property identification number (PIN) for the site is 047561337. The approximate Universal Transverse Mercator (UTM) coordinates for the Phase One property are Zone 18, 459270 m E and 5031104 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 Raad Akrawi on behalf of 12714004 Canada Inc. Contact information for Mr. Akrawi is 768 St. Joseph Boulevard, Gatineau, Quebec, J8Y 4B8.

The Phase One property site location and site layout are shown in Appendix C on Figure 1 and Figure 2, respectively.



## 2.0 Scope of Investigation

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

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

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



## 3.0 Records Review

### 3.1 Phase One ESA Study Area Determination

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

According to the City of Ottawa GeoOttawa on-line mapping tool, the Phase One property is zoned for general mixed use. Properties to the west, and to the adjacent north and east are zoned development reserve. The area surrounding the creek to the north is zoned open space. The remainder of the study area is zoned for residential use.

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

## 3.2 First Developed Use Determination

The first developed use of a property is defined as use that resulted in the development of a building or structure. Based on a review of historical aerial photographs, historical maps, and other records, it appears that the Phase One property has never been developed.

#### 3.3 Fire Insurance Plans

No fire insurance plans are available for the Phase One study area.

#### 3.4 Chain of Title

A chain of title was requested from Read Abstracts Limited for the Phase One property. A copy of the chain of title information is provided in Appendix C.

The property was owned by individuals since prior to 1875 until May 4, 2021, when title was transferred to 12714001 Canada Inc. The Perrault family owned the property from 1885 to 2021. A summary of the chain of title information is provided in the following table:

Year	Name of Owner	Description of Property Use	Property Use	Other Observations
1868	James Daily	Undeveloped	Agricultural or Other	No evidence of development in the area
1875	Eliza Grant	Undeveloped	Agricultural or Other	No evidence of development in the area
1876	David Miller	Undeveloped	Agricultural or Other	No evidence of development in the area
1885	Louis Perrault Jr.	Undeveloped	Agricultural or Other	No evidence of development in the area
1907	Robert Perrault	Undeveloped	Agricultural or Other	No evidence of development in the area
1929	Elizabeth Perrault	Undeveloped	Agricultural or Other	No evidence of development in the area



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Year	Name of Owner	Description of Property Use	Property Use	Other Observations
1945	William J. Perrault and Louis J. Perrault	Undeveloped	Agricultural or Other	No evidence of development in the area
1951	Louis Perrault	Undeveloped	Agricultural or Other	1965 aerial photograph indicates north part of property has been cleared and south part may have been used for agricultural purposes.
1987	Annette Perrault	Undeveloped	Agricultural or Other	1991 aerial photograph indicates property is covered with trees.
1992	Robert Perrault, Francois Perrault, Louise Cracknell, Andree McNeely, Francine Perrault-Leblanc	Undeveloped	Agricultural or Other	Aerial photographs taken in 1999, 2002, 2011, and 2019 indicate property is covered with trees.
2021	<b>2021</b> 12714001 Canada Inc.		Agricultural or Other	Mature trees were observed during site reconnaissance.

### 3.5 Environmental Reports

There following previous environmental and/or geotechnical reports pertaining to the Phase One property were available for review:

1. Paterson Group, *Phase I Environmental Site Assessment, Vacant Land, 2983 and 3053 Navan Road, Ottawa, Ontario,* February 2018.

The Phase I ESA was conducted for the Phase One property and the adjacent property to the south. According to a developer who was working in the area, the Phase One property was owned by the Perrault family since 1830. The operations of the service garage and the presence of a private fuel outlet at 3000 Navan Road were identified as potentially contaminating activities (PCAs) within the Phase One study area, however these activities were deemed unlikely to pose an environmental concern to the Phase One property because of its downgradient location with respect to the Phase One property. No areas of potential environmental concern (APEC) were identified and no further environmental assessment was recommended for the Site.

2. Paterson Group, *Geotechnical Investigation, Brian Coburn Boulevard at Navan Road, Ottawa, Ontario*, November 2018.

Four boreholes were advanced to a maximum depth of 9.8 metres below ground surface (m bgs). Subsurface conditions were characterized by a thin layer of silty sand overlying silty clay. Bedrock was not encountered during the investigation. Overburden drift thickness in the area ranges from 25 to 50 m bgs. The groundwater table was encountered between 4 and 5.5 m bgs.

## 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.



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

On March 22, 2021, records pertaining to the site were requested from the Ministry of the Environment, Conservation and Parks (MECP) through the *Freedom of Information and Protection of Privacy Act* (FOI). To date, no response has been received. If environmentally significant information is obtained from the MECP search, it will be provided as an addendum to this report.

### 3.6.2 Historical Land Use Inventory

On March 22, 2021, records pertaining to the site were requested from the City of Ottawa for the Historical Land Use Inventory (HLUI) through the *Municipal Freedom of Information and Protection of Privacy Act* (FOI). A response was received from the City on July 14, 2021. A copy of the response is provided in Appendix D.

No records pertaining to the Phase One property were found. With regards to neighbouring properties, the following findings were noted:

- 3000 Navan Road (80 m west) Marcel Brazeau Ltd. is registered as a truck transport industry, as well as having a
  private fuel outlet on the property.
- 6101 Renaud Road (3060 Navan Road, 70 m southwest) Marcel Brazeau Ltd. is registered as a truck transport industry
- East of Page Road (150 m northeast) unnamed sand and gravel pit
- 2983 Navan Road (100 m north) unnamed sand and gravel pit

A heating and cooling company, electrician, and a construction company were also identified in the Phase One study area. Based on the intervening distance, cross-gradient location from the Phase One property, and the low hydraulic conductivity of the native silty clay, none of the records reviewed are considered an environmental concern to the Phase One property.

## 3.6.3 Environmental Registry

On March 18, 2021, the MECP Environmental Registry website was searched for postings in the vicinity of the Phase One property. No records were found.

## 3.6.4 Environmental Access

On March 18, 2021, the MECP Environmental Access website was searched for postings within the Phase One study area. The following records were found:

- 3000 Navan Road (80 m south) 2561678 Ontario Inc. registered a waste management in February 2000. Use of this waste management system is limited to the collection, handling and transportation of waste (PCA #58 Waste Disposal and Waste Management, including thermal treatment, landfilling, and transfer of waste, other than use of biosoils as soil conditioners). Waste is limited to leaf/yard waste, non-hazardous solid industrial waste, contaminated soil, non-hazardous spill cleanup material.
- 2995 Navan Road (30 m north) City of Ottawa, ECA for establishment of wastewater infrastructure at the Chapel Hill Park and Ride, including storm sewers and a bioretention basin that discharges to Mud Creek.

An ECA for a waste management system was issued in 2000 for 3000 Navan Road (PCA #58 – Waste Disposal and Waste Management, including thermal treatment, landfilling, and transfer of waste, other than use of biosoils as soil conditioners). Based on the intervening distance, cross-gradient location from the Phase One property, low hydraulic conductivity of the native silty clay, and the EASR which states no on-site storage of wastes is associated with the operation of the waste management system, this is not an environmental concern to the Phase One property.



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## 3.6.5 Hazardous Waste Information Network

On March 16, 2020, the MECP Hazardous Waste Information Network (HWIN) website was searched for registered waste generators within the Phase One study area. Search parameters included "Navan", "Perrault", "Brazeau", "Leblanc", and all of the generator numbers provided in the ERIS report. The following records were found:

Location (Generator)	Proximity to the Site	Wastes Generated	Years	Environmental Concern to Site and Rationale
1310034 Ontario Inc. 2624 Page Road (ON4100513)	250 m north	Paint/pigment/coating residues	2011 to 2021	No, based on the intervening distance and the down-gradient location of the property.

## 3.6.6 Records of Site Condition

On March 18, 2021, the MECP Brownfields Registry website was searched for postings of Records of Site Condition (RSC) within the Phase One study area. No records were found.

## 3.6.7 Coal Gasification Plants

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

## 3.6.8 PCB Storage Sites

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

## 3.6.9 Waste Disposal Sites

Documents entitled Old Landfill Management Strategy, Phase 1, Identification of Sites, City of Ottawa, Ontario prepared by Golder Associates Ltd. and Waste Disposal Site Inventory prepared by the MECP were reviewed. No former landfills or waste disposal sites were identified within the Phase One study area.

## 3.6.10 Street Directories

Records pertaining to the site were requested from the EcoLog Environmental Risk Information Services (or EcoLog ERIS) for the municipal street directories in the Phase One study area. EcoLog ERIS is an environmental database and information service provider.

As a result of the COVID-19 pandemic, the government has closed various institutions which limits EXP's ability to access government libraries and archives. As such the city directories available for review were limited at this time.

Partial city directories for 1988, 1995, 2001, 2005, and 2011 were reviewed. The following was noted:

- No city directories for this area are available prior to 1988.
- All of listings in the available city directories are for residential properties, with the exception of DJ Snack Bar listed for 3079 Navan Road in 1985.



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Based on a review of the aerial photographs (Section 3.8.1) and current observations of the surrounding properties (section 5.14) EXP does not anticipate any additional PCAs on nearby properties that are not already addressed in this report.

## 3.7 EcoLog ERIS Database Search

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

Location	Proximity to the Site	Description	Database	Environmental Concern to Site (Yes/No) & Rationale
3000 Navan	80 m south	Laurent LeBlanc Ltd., registered waste generator of aliphatic solvents, oil skimmings and sludges, petroleum distillates, and waste oils and lubricants from 1994 to 2020 (ON1875101, ON4141965).	GEN	No, due to the distance and cross-gradient location from the Site.
Road		Use of this waste management system is limited to the collection, handling and transportation of waste. Waste is limited to leaf/yard waste, non- hazardous solid industrial waste, contaminated soil, non-hazardous spill cleanup material.	CA, EASR	No, no storage of wastes is associated with the operation of the waste management system
3060 Navan Road	140 m south	Marcel Brazeau Ltd., registered waste generator of light fuels, aliphatic solvents, light fuels, and waste oils and lubricants from 1989 to 2009 (ON1212200). Private fuel outlet, two single wall gasoline ASTs	FST GEN SPL	No, based on the intervening distance, cross-gradient location from the Phase One property, and the low hydraulic conductivity of the native silty clay
Navan Road and Paige Road	140 m southeast	February 2, 1996 OC Transpo vehicle spilled 5 L of hydraulic oil to road.	SPL	No, due to the small volume of contaminant spilled.
Navan Road and Renaud Road	140 m southeast	June 4, 2012 motor vehicle accident spilled 265 L of diesel fuel to ditch.	SPL	No, due to the distance from the Site.
2624 Paige Road	250 m north	1310034 Ontario Inc. (Cobb National Coatings), registered waste generator of paint/pigment/ coating residues from 2011 to 2020 (ON4100513).	GEN	No, due to the distance from the Site.

The following entries from the EcoLog ERIS report were reviewed and summarized below:

• In addition to the above, The CA and ECA database identified three records for the Phase One study area. These records were for municipal and private sewage works;

• The TSSA Historic Incidents database and Pipeline Incidents database identified four records in the study area. All of the records were for natural gas pipeline strikes. As natural gas dissipates rapidly, the pipeline strike is unlikely to pose an environmental concern to the Phase One property;



- The Ontario Spills database also identified four records for natural gas leaks. As natural gas dissipates rapidly, the pipeline strike is unlikely to pose an environmental concern to the Phase One property;
- In addition to the above, the Environmental Activity and Sector Registry identified one record for the Phase One study area. The record was for construction dewatering; and,
- There were 33 records found in the Water Well Information System (WWIS) database for the Phase One study area. Three of the records were for monitoring wells, three records were for abandoned wells and the remainder were for potable wells.

Based on the review of the ERIS report one additional PCA was identified at 3060 Navan Road. A private fuel outlet was present on the property (**PCA #28** – Gasoline and Associated Products Storage in Fixed Tanks). Based on the intervening distance, cross-gradient location from the Phase One property, and the low hydraulic conductivity of the native silty clay, this is not an environmental concern to the Phase One property.

## 3.8 Physical Setting Sources

## 3.8.1 Aerial Photographs

Aerial photographs dated 1965, 1976, 1991, 1999, 2008, 2011, and 2019 were available for review on the City of Ottawa website. Aerial photographs dated prior to 1965 were not available for review. The following table summarizes the development and land use history of the Phase One property and adjacent properties as depicted on the reviewed aerial photographs. Copies of the aerial photographs are provided in Appendix F.

Year	Details
1965	The Phase One property is undeveloped. The groundcover on the north part of the Phase One property appears to have been cleared. The south part of the Phase One property appears to have been formerly used for agricultural purposes. Navan Road and Pagé Road are present to the west and east of the Phase One property. Single family residences are present bordering the west side of the Phase One property fronting Navan Road.
1976	The Phase One property appears to be similarly developed to the 1965 aerial photograph. Single family residences have been constructed east of the Site, fronting Paige Road. A hydro corridor has been developed north of the Site.
1991	The Phase One property appears to be completely tree covered. The study area appears to be similarly developed to the 1976 aerial photograph. Residential development is underway on the north side of the hydro corridor.
1999	The Phase One property and study area appear to be similarly developed to the 1991 aerial photograph.
2002	The Phase One property and study area appear to be similarly developed to the 1999 aerial photograph. Three ASTs are present at 3000 Navan Road. Three ASTs are also present at 3060 Navan Road. Both the property at 3000 Navan Road and 3060 Navan Road are yards for construction and haulage companies.
2008	The Phase One property appears to be similarly developed to the 2002 aerial photograph. A residential subdivision is under construction on the west side of Navan Road.
2011	The Phase One property and study area appear to be similarly developed to the 2008 aerial photograph. Stormwater management ponds have been constructed north of the Site. The fuel tanks at 3060 Navan Road appear to have been removed.
2019	The Phase One property appears to be similarly developed to the 2011 aerial photograph. Brian Coburn Boulevard and the Chapel Hill Park and Ride have been constructed north of the Site.

Based on the review of the aerial photographs, three PCAs were identified at 3000 Navan Road and 3060 Navan Road. A private fuel outlet was present at 3060 Navan Road (**PCA #28** – Gasoline and Associated Products Storage in Fixed Tanks). Both 3000 Navan Road and 3060 Navan Road are yards for construction and haulage companies (**PCA #11** – Commercial



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Trucking and Container Terminals). Based on the intervening distance, cross-gradient location from the Phase One property, and the low hydraulic conductivity of the native silty clay, this is not an environmental concern to the Phase One property. No other PCAs were identified in the aerial photographs that were not previously addressed.

### 3.8.2 Topography, Hydrology, Geology

Bedrock and surficial geology were reviewed via the Google Earth applications published by the Ontario Ministry of Energy, Northern Development and Mines. The bedrock geology application is available via www.mndm.gov.on.ca/en/mines-andminerals/applications/ogsearth/bedrock-geology and was last modified on March 19, 2018. The surficial geology application is available via www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/surficial-geology and was last modified on May 23, 2017.

Based on these applications, bedrock in the general area of the Phase One property consists of dolostone and limestone of the Ottawa Formation. Beneath any fill, the site is underlain is clay and silt over erosional terraces. Ground surface is approximately 89 metres above sea level (masl). Based on the site visit, the local topography slopes downwards to the southwest.

#### 3.8.3 Fill Materials

There was no evidence of any imported fill present on the Site.

#### 3.8.4 Water Bodies and Areas of Natural Significance

The nearest surface water body to the Phase One property is Mud Creek located approximately 70 m north of the Site. The inferred groundwater flow direction is north towards the creek.

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

#### 3.8.5 Well Records

The Ontario well records website (www.ontario.ca/environment-and-energy/map-well-records water wells) was accessed. There were 31 well records within the Phase One study area, 30 of which are for potable wells. None of the records are for the Site. Surrounding properties that have been recently developed are serviced by municipal water. Private wells may still be in use in some of the older residences in the Phase One study area.

It is acknowledged that the number of wells within the Phase One study area identified by EXP when searching the database doesn't match exactly the number of wells documented in the ERIS report. The discrepancy may be related to actual date of search or centroid of area searched and does not affect the conclusions presented in this report.

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

#### 3.9 Site Operating Records

No site operating records were available for review.



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## 4.0 Interviews

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.

As the Phase One property was vacant, there was no person available during the ESA who was knowledgeable about the history of the subject site. The owner of the property could not be contacted.



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## 5.0 Site Reconnaissance

#### 5.1 General Requirements

On March 16, 2021, Ms. Leah Wells, of EXP conducted the Phase One property visit. The site visit was conducted in accordance with EXP's internal health and safety protocols and with the Ministry of Labour health and safety regulations. The purpose of the site visit was to assess the current conditions of the Phase One property.

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

Observations of the subject property and surrounding properties were made. The site reconnaissance began at approximately 1:00 p.m. and lasted approximately ½ hour. The weather was approximately 3 °C and sunny. Adjacent properties were observed from within the grounds of the Phase One property, as well as publicly accessible areas. Photographs documenting the site visit are included in Appendix G.

#### 5.2 Specific Observations at the Phase One Property

The ground cover at the Phase One property consists primarily of trees.

#### 5.2.1 Buildings and Structures

There are no buildings or structures present on the Phase One property.

#### 5.2.2 Site Utilities and Services

The Phase One property is not currently serviced. However, surrounding properties are fully serviced by water, sewer, electricity, natural gas, and telecommunications.

#### 5.3 Storage Tanks

### 5.3.1 Underground Storage Tanks

No UST were observed on the Phase One property and there was no evidence of historical UST.

#### 5.3.2 Above Ground Storage Tanks

No AST were observed on the Phase One property and there was no evidence of historical AST.

#### 5.4 Chemical Storage Handling and Floor Condition

No chemicals are stored at the Phase One property.

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

The property was snow covered at the time of the Site visit. Trees present on the property were dormant.



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### 5.6 Fill and Debris

No fill appears to be present on the Phase One property.

#### 5.7 Air Emissions

As the Phase One property was vacant, there was no evidence of air emissions.

#### 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.

Surrounding properties within the Phase One study area are used for commercial purpose to the north and west and mixed use residential and commercial to the east and south of the Phase One property.

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

No buildings were present on the Phase One property. Therefore, there was no evidence of any special attention items, hazardous building materials or designated substances (asbestos, zone depleting substances, lead, mercury, polychlorinated biphenyls (PCB), urea formaldehyde foam insulation, mould, or other special attention substances).

#### 5.12 Abandoned and Existing Wells

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

#### 5.13 Roads, Parking Facilities and Right of Ways

Vehicular access to the Phase One property is from Navan Road.

#### 5.14 Adjacent and Surrounding Properties

A visual inspection of the adjacent properties and properties within 250 m of the Phase One property was conducted from publicly accessible areas to identify the occupants and document the uses and sources of potential environmental concerns that may impact the Phase One property. Refer to Figure 3 in Appendix C for the adjacent land uses.

The following land uses border the Phase One property:

- North: Brian Coburn Boulevard, followed by Chapel Hill South Park and Ride and a hydro corridor;
- West: Residential and commercial (Laurent Leblanc Ltd.);
- East: Residential; and
- South: Residential.



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### 5.15 Enhanced Investigation Property

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

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

## 5.16 Summary and Written Description of Investigation

Based on the findings of this investigation, PCAs have been identified in the Phase One study area, however, all of the PCA are off-site and none of them pose an environmental concern to the Phase One property. Therefore, there were no APEC identified.



## 6.0 Review and Evaluation of Information

## 6.1 Current and Past Uses

Based on a review of historical aerial photographs, historical maps, fire insurance plans and other records, it appears that the Phase One property has always been vacant.

## 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. The following PCAs were identified in the Phase One study area:

- **PCA #11** Commercial Trucking and Container Terminals; 3000 Navan Road (located 80 m west of the Phase One property), on-site service garage for equipment maintenance and repair;
- **PCA #11** Commercial Trucking and Container Terminals; 3060 Navan Road (located 70 m southwest of the Phase One property), on-site service garage for equipment maintenance and repair;
- PCA #28 Gasoline and Associated Products Storage in Fixed Tanks; 3000 Navan Road (located 80 m west of the Phase One property), three ASTs;
- PCA #28 Gasoline and Associated Products Storage in Fixed Tanks; 3060 Navan Road (located 70 m southwest of the Phase One property), three ASTs;
- PCA #58 Waste Disposal and Waste Management, including thermal treatment, landfilling, and transfer of waste, other than use of biosoils as soil conditioners; 3000 Navan Road (located 80 m west of the Phase One property), ECA for waste management system;

## 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 the intervening distance, cross-gradient location from the Phase One property, and the low hydraulic conductivity of the native silty clay, none of the PCAs identified in the Phase One study area are an environmental concern to the Phase One property. Therefore, no APECs were identified.

## 6.4 Phase One Conceptual Site Model

To develop a conceptual model for the Phase One property, the following physical characteristics and pathways were considered. A conceptual site model (CSM) showing the topography of the site, inferred groundwater flow, general site features, APEC, and PCA is shown in Figure 3.

## 6.4.1 Buildings and Structures

No buildings or structures are present on the Phase One property.

## 6.4.2 Water Bodies and Groundwater Flow Direction

The nearest surface water body to the Phase One property is Mud Creek located approximately 70 m north of the Site. The inferred groundwater flow direction is north towards the creek.



#### 6.4.3 Areas of Natural Significance

There are no ANSI within the Phase One study area.

#### 6.4.4 Water Wells

There were 31 well records within the Phase One study area, 30 of which are for potable wells. None of the records are for the Site. Surrounding properties that have been recently developed are serviced by municipal water. Private wells may still be in use in some of the older residences in the Phase One study area.

### 6.4.5 Potentially Contaminating Activity

The following off-site PCA were identified:

- PCA #11 Commercial Trucking and Container Terminals
- PCA #28 Gasoline and Associated Products Storage in Fixed Tanks
- PCA #58 Waste Disposal and Waste Management, including thermal treatment, landfilling, and transfer of waste, other than use of biosoils as soil conditioners

No on-Site PCA were identified.

#### 6.4.6 Areas of Potential Environmental Concern

No APEC were identified on the Phase One property. Based on the intervening distance, cross-gradient location from the Phase One property, and the low hydraulic conductivity of the native silty clay, none of the PCAs identified in the Phase One study area are an environmental concern to the Phase One property.

## 6.4.7 Underground Utilities

The Phase One property is not currently serviced. However, surrounding properties are fully serviced by water, sewer, electricity, natural gas, and telecommunications.

## 6.4.8 Subsurface Stratigraphy

Bedrock in the general area of the Phase One property consists of dolostone and limestone of the Ottawa Formation. Beneath any fill, the site is underlain is clay and silt. Ground surface is approximately 89 metres above sea level (masl). Based on the site visit, the local topography slopes downwards to the southwest.

#### 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.



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## 7.0 Conclusions

The Qualified Person who oversaw this work, Patricia Stelmack, M.Sc., P.Eng., does not recommend that a Phase Two ESA be conducted since no APECs were identified on the Phase One property.

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



## 8.0 References

- City of Ottawa, GeoOttawa online mapping tool, (maps.ottawa.ca/geoottawa).
- Dubreuil, L. and C. Woods, *Catalogue of Canadian Fire Insurance Plans, 1875 1975, 2002.*
- Environment Canada, National Inventory of PCBs in Use and PCB Wastes in Storage in Canada, 2003 Annual Report, 2004.
- Golder Associates Ltd., Old Landfill Management Strategy, Phase 1, Identification of Sites, City of Ottawa, Ontario, October 2004.
- Intera Technologies Ltd., Inventory of Coal Gasification Plant Waste Sites in Ontario, Volume II, April 1987.
- Natural Resources Canada, The Atlas of Canada Toporama website (atlas.gc.ca/toporama/en/)
- Oil, Gas & Salt Resources Library, website (maps.ogsrlibrary.com/wells).
- Ontario Ministry of Energy, Northern Development and Mines, Bedrock Geology Application (<u>www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/bedrock-geology</u>), March 19, 2018.
- Ontario Ministry of Energy, Northern Development and Mines, Surficial Geology Application (www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/surficial-geology), May 23, 2017.
- Ontario Ministry of the Environment, Conservation and Parks, Access Environment website (www.accessenvironment.ene.gov.on.ca).
- Ontario Ministry of the Environment, Conservation and Parks, *Environmental Registry website* (www.ebr.gov.on.ca/ERS-WEB-External).
- Ontario Ministry of the Environment, Conservation and Parks, *Guide for Completing Phase One Environmental Site Assessments under Ontario Regulation 153/04*, June 2011.
- Ontario Ministry of the Environment, Conservation and Parks *Hazardous Waste Information Network website* (www.hwin.ca).
- Ontario Ministry of the Environment, Conservation and Parks, *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*, November 1988.
- Ontario Ministry of the Environment, Conservation and Parks, *Ontario Inventory of PCB Storage Sites*, October 1995.
- Ontario Ministry of the Environment, Conservation and Parks, Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act, July 1, 2011.
- Ontario Ministry of the Environment, Conservation and Parks, Records of Site Condition website (www.lrcsde.lrc.gov.on.ca).
- Ontario Ministry of the Environment, Conservation and Parks, *Waste Disposal Site Inventory*, June 1991.
- Ontario Ministry of the Environment, Conservation and Parks, Water Wells website (www.ontario.ca/environmentand-energy/map-well-records water wells).
- Ontario Ministry of Labour, Occupational Health and Safety Act, R.S.O. 1990.
- Ontario Ministry of Natural Resources and Forestry, Natural Heritage website (www.gisapplication.lrc.gov.on.ca/mamnh/Index.html).
- Paterson Group, *Phase I Environmental Site Assessment, Vacant Land, 2983 and 3053 Navan Road*, Ottawa, Ontario, February 2018.



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• Paterson Group, *Geotechnical Investigation, Brian Coburn Boulevard at Navan Road, Ottawa, Ontario*, November 2018.

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

#### **Basis of Report**

This report ("Report") is based on site conditions known or inferred by the investigation undertaken as of the date of the Report. Should changes occur which potentially impact the condition of the site the recommendations of EXP may require reevaluation. Where special concerns exist, or 12714001 Canada Inc. ("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 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.



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## **10.0 Signatures**

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

Leah Wells, P.Eng. Environmental Engineer Earth and Environment



Patricia Stelmack, M.Sc., P.Eng. Team Lead/Senior Project Manager Earth and Environment

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12714001 Canada Inc, Phase One Environmental Site Assessment 2983 Navan Road, Ottawa, Ontario OTT-21004744-A0 March 26, 2021 (revised July 16, 2021)

**Appendix A: Qualifications of Assessors** 



12714001 Canada Inc, Phase One Environmental Site Assessment 2983 Navan Road, Ottawa, Ontario OTT-21004744-A0 March 26, 2021 (revised July 16, 2021)

# **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.

**Patricia Stelmack**, M.Sc., P.Eng., is a Senior Chemical Engineer/Senior Project Manager who has been working in the environmental field as a consultant and in industry since 1997. Since joining EXP (formerly Barenco Inc.) in 2000, Ms. Stelmack has conducted and managed over 1,000 environmental assessment and remediation projects. Ms. Stelmack earned her B.Sc. in biochemistry and B.A.Sc. in chemical engineering at the University of Ottawa and earned her M.Sc. in chemical and materials engineering at the University of Alberta. She is licensed as a professional engineer in Ontario, Manitoba, and Saskatchewan and is a Qualified Person, as defined in Ontario Regulation 153/04.

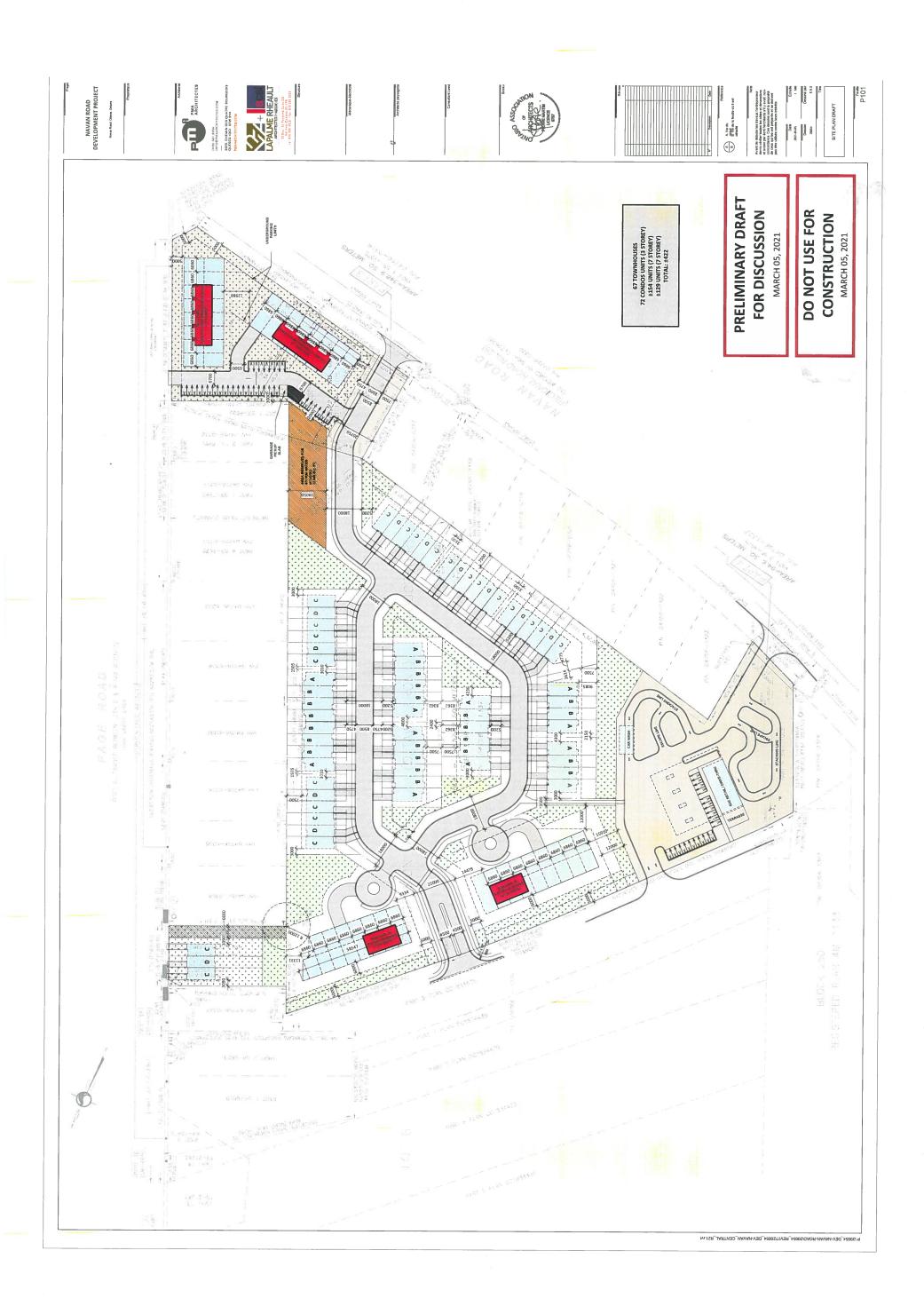
**Leah Wells**, B.A.Sc., P.Eng. has four years of experience in the environmental consulting field. She has worked on numerous Phase I Environmental Site Assessments (ESA); Phase II ESAs, completing soil and groundwater sampling, soil vapour sampling, assisting in report preparation and data entry and analysis. She is licensed as a professional engineer in Ontario.



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**Appendix B: Survey Plan** 

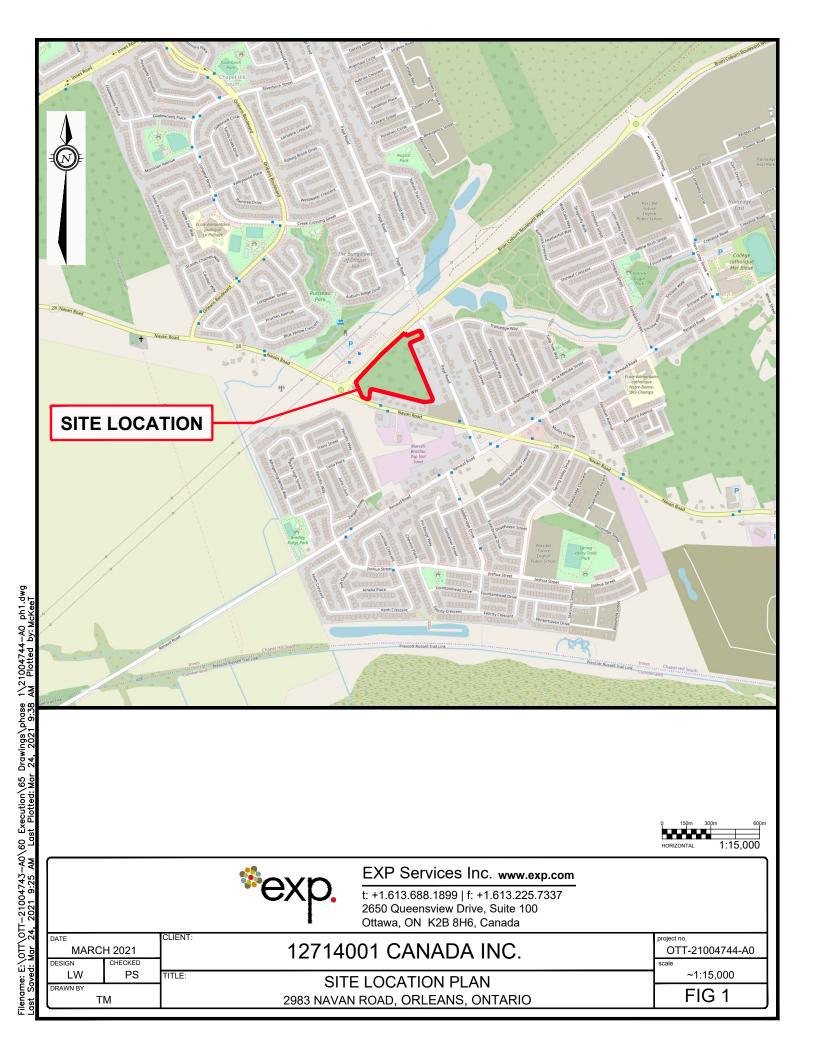




12714001 Canada Inc, Phase One Environmental Site Assessment 2983 Navan Road, Ottawa, Ontario OTT-21004744-A0 March 26, 2021 (revised July 16, 2021)

**Appendix C: Figures** 







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**EXP** Services Inc.

12714001 Canada Inc, Phase One Environmental Site Assessment 2983 Navan Road, Ottawa, Ontario OTT-21004744-A0 March 26, 2021 (revised July 16, 2021)

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





## **READ Abstracts Limited**

331 Cooper Street, Suite 300, Ottawa, Ontario K2P 0A4 Email: search@readsearch.com Tel.: 613-236-0664 Fax: 613-236-3677

## ENVIRONMENTAL SEARCH

EXP Services Attn: Kathy

BRIEF DESCRIPTION OF LAND:

2983 Navan Road, Ottawa Part of Lot 6, Concession 3 OF Gloucester.

PIN: 04756-1337

LAST REGISTERED OWNER: 12714001 Canada Inc.

CHAIN OF TITLE:

Deed RO28453 registered Jul 17, 1868 From Robert Grant to James Daily

Deed GL2886 registered Feb 19, 1876 (dated Jun 25, 1875) From James Daily to Eliza Grant

Deed GL2884 registered Feb 19, 1876 From Eliza Grant to David Miller

Deed GL6943 registered Feb 3, 1885 From David Miller to Louis Perrault Jr.

Deed GL19778 registered Nov 2, 1907 From Louis Perrault Jr. to Robert Perrault

Will GR5405 registered May 3, 1929 From Robert Perrault to Elizabeth Perrault

Deed GL41071 registered Mar 29, 1945 From Elizabeth Perrault to William J. Perrault and Louis J. Perrault

Deed GL48749 registered Jun 23, 1951

From Louis Perrault and William J. Perrault to William J. Perrault

Deed GL48749 registered Jun 23, 1951 From William J. Perrault to Louis Perrault

Deed N375241 registered Feb 5, 1987 From estate of Isabella Perrault and estate of William J. Perrault to Robert, Francis, and Daniel Perrault

Deed N398322 registered Jul 15, 1987 From Robert, Francis, and Daniel Perrault to Annette Perrault

Deed N419325 registered Dec 14, 1987 From estate of Louis Perrault to Annette Perrault

Correcting Deed N423419 registered Jan 12, 1988 From estate of Louis Perrault to Annette Perrault

Deed N729510 registered Oct 11, 1995 From estate of Annette Perrault to Robert Perrault, Francois Perrault, Louise Cracknell, Andree McNeely, Francine Perrault-Leblanc

Deed OC2343172 registered May 4, 2021 From Robert Perrault, Francois Perrault, Louise Cracknell, Andree McNeely, Francine Perrault-Leblanc to 12714001 Canada Inc.



File Number: D06-03-21-0067

July 14, 2021

Kathy Radisch EXP Services Inc. 100-2650 Queensview Drive Ottawa, ON K2B 8H6

Sent via email [kathy.radisch@exp.com]

Dear Ms. Radisch,

## Re: Information Request 2983 Navan Road, Ottawa, Ontario ("Subject Property")

### Internal Department Circulation:

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

- Disposals and Environmental Remediation Unit: The City's Environmental Remediation Unit has environmental records on file pertaining to the subject property noted above either directly on or adjacent to the subject property. To submit requests for information under the Municipal Freedom of Information and Protection of Privacy Act, please visit <u>https://ottawa.ca/en/city-hall/accountabilityand-transparency/accountability-framework/freedom-information-and-protectionprivacy/access-information
  </u>
- Solid Waste Services: The subject property is within 2 kilometers of the WSI Landfill located at 3354 Navan Road.

### **Documents Provided:**

### **HLUI Summary Report and HLUI Map**

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

### Additional information may be obtained by contacting:

### **Ontario's Environmental Registry**

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

## The Ontario Land Registry Office

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

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

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

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

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

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

Sincerely,

Jeffrey fren

Jeffrey Ren

Per:

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

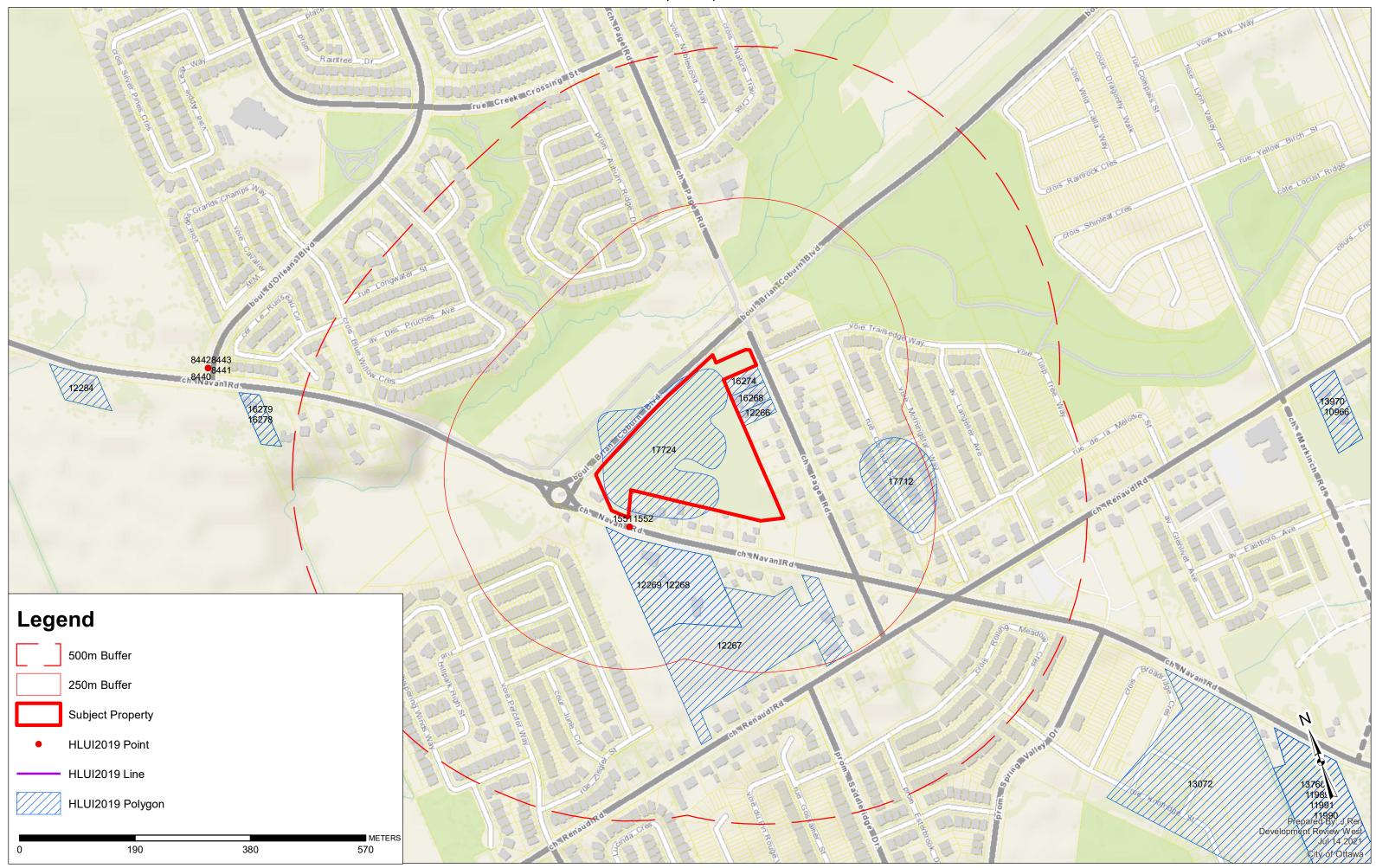
MB / JR

Enclosures: (2)

- 1. HLUI Map
- 2. HLUI Summary Report

cc: File no. D06-03-21-0067

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



OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	YEAR	YEAR_1	ST_NUM	ST_NAME	ST_SU FFIX	PIN2017
12266	<b>RICK MENARD HEATING &amp; COOLI</b>	Plumbing, Heating and Air Conditioning, Mechanical Wor	2001-ES; 2005-SelectPhone	2005	c. 2001; c.	2722	PAGE	RD	47560306
12267	MARCEL BRAZEAU LIMITED	Truck Transport Industries	1994-PID; 2000-PID	1994-2000	c. 1994; c.	3060	NAVAN	RD	47570025
12268	STREETPRINT	Industrial Construction (Other Than Buildings)	2005-SelectPhone	2005	c. 2005	3000	NAVAN	RD	47570033
12269	LAURENT LEBLANC LIMITED	Truck Transport Industries	1967-1972-M; 2003-PID; 2016-P	1967-2017	c. 1979; c.	3000	NAVAN	RD	47570033
16268	T & M ELECTRICAL LIMITED	Mechanical Specialty Work	2001-ES	2001	c. 2001	2714	PAGE	RD	47560305
16274	CELTEC CONSTRUCTION	Residential Building and Development	2005-SelectPhone	2005	c. 2005	2704	PAGE	RD	47560304
17712	UNNAMED SAND & GRAVEL PIT	Sand & Gravel Pit	1963-Topo-31G05h	1963			NAVAN	RD	
17724	UNNAMED SAND & GRAVEL PIT	Sand & Gravel Pit	1971-Topo-31G05h	1971			NAVAN	RD	

#### HLUI SUMMARY REPORT POINT FEATURES

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	TANK_LOCATIO N	TANK_CONT ENT	TANK_SIZE	TANK_TYPE	TANK_STAT US	SOURCE	INSTALLED_S T_NUM		INSTALLE D_ST_ABR		MTM_Y	TANK_MATE RIAL	TANK_ID	DATE_INS TALLED
1551	MARCEL BRAZEAU TOP	Gasoline Station - Self	AST	gasoline	9280	Licensed	Active	TSSA	3060	NAVAN	RD	381284.8111	5032852.541	Steel	ST8663	2001
1552	MARCEL BRAZEAU TOP	Gasoline Station - Self	AST	gasoline	1345	Licensed	Active	TSSA	3060	NAVAN	RD	381284.8111	5032852.541	Steel	ST8664	2001



March 22, 2021

VIA FACSIMILE: 416-314-4285

FOI Manager Freedom of Information & Protection of Privacy Office Ministry of the Environment, Conservation and Parks 12th Floor, 40 St. Clair Avenue West Toronto, Ontario M4V 1M2

Re: OTT-21004744-A0 File Review Request 2983 Navan Road, Ottawa, Ontario

Dear Sir or Madam:

I am sending a Freedom of Information Request to you for 2983 Navan Road, Ottawa, Ontario. We are conducting an environmental site assessment and require any environmental concerns.

If possible, we would appreciate receiving the documentation by email (<u>kathy.radisch@exp.com</u>) and by mail. If you have any questions, or require any further information, please do not hesitate to contact the undersigned at 613-688-1891, ext. 3296.

Yours truly, **EXP Services Inc.** 

Kathy Radisch Administrative Assistant Earth & Environment

Enclosures: FOI Form Credit Card Payment Form



Ministry of the Environment and Climate Change Operations Division

## Confirmation of Registration

Registration Number: R-004-5110517687 Version Number: 001 Date Registration Filed: Jul 04, 2018 19:43:03 PM

Dear Sir/Madam,

2561678 ONTARIO INC.

17113 MCLEAN Road PO BOX 135 MOOSE CREEK ON K0C 1W0

You have registered, in accordance with Section 20.21(1)(a) of the *Environmental Protection Act*, the use, operation, establishment, alteration, engagement or extension or replacement of a waste management system serving the Province of Ontario. The Waste Management System storage yard related to this registration is located at:

3000 NAVAN Road ORLEANS ON K1C 7G4

Please note that the Waste Management System is subject to the applicable provisions of O.Reg 245/11 and O. Reg. 351/12.

The activity related information provided during the registration process is included as part of the confirmation of registration as schedule 'A'.

Dated on Jul 04, 2018

#### Director

Environmental Approvals Access and Service Integration Branch Ministry of the Environment and Climate Change 135 St. Clair Avenue West, 1st Floor Toronto ON M4V 1P5

Any questions related to this registration and the Environmental Activity and the Sector Registry should be directed to:

Ministry of the Environment and Climate Change Customer Service Representative Environmental Approvals Access and Service Integration Branch Phone:(416) 314-8001 Toll free: 1-800-461-6290

## Schedule 'A'

Part 3 . Activity Information		
3.1 This form is to be used to register the use, operation, establishment, alteration, enlargement or extension of a waste management system that is a waste transportation system. Please confirm that you will be engaging in one or more of these activities.	Ves Yes	No
3.2 For the waste management system that is the subject of this registration, please confirm that ALL of the	following stat	ements apply:
(a) The waste management system involves only the collection, handling, transportation and transfer of waste by waste transportation vehicle (truck).	Ves Yes	No
(b) The waste transportation system does not include any on-truck processing of waste.	V Yes	No
3.3 Does the waste management system involve the management of any of the following waste types (as th meaning of Regulation 347 of the Environmental Protection Act, or in the case of biomedical waste or treate Ministry of the Environment.s Guideline C-4: The Management of Biomedical Waste in Ontario)?		
(a) Hazardous waste*	Yes	No No
(b) Liquid industrial waste	Yes	No
(c) Biomedical waste or treated biomedical waste	Yes	No
(d) Asbestos waste	Yes	<b>√</b> No

\* Please note that hazardous waste should also be interpreted to include waste that was characteristic waste but that has been treated so that it is no longer characteristic waste, if the waste may not be disposed of by land disposal under subsection 79 (1) of Regulation 347 of the Revised Regulations of Ontario, 1990 made under the Act.

3.4 Please select in the table below all of the categories of waste that will be transported by the system. Note that the responses given in question 3.3 should be true for any of the waste categories selected.

(a) Blue Box Materials	
(b) Domestic Sources	
(c) Dewatered Catch Basin Clean-Out Material	
(d) Waste from Food Processing/Preparation Operations	
(e) Leaf/Yard Waste	$\checkmark$
(f) Tires	
(g) Commercial Waste	
(h) Wood Waste	
(i) Waste Wash Water	
(j) Non-hazardous Solid Industrial Waste	$\checkmark$
(k) Contaminated Soil	$\checkmark$
(I) Processed Organics	
(m) Hauled Sewage	
(n) Non-hazardous Spill Cleanup Material	$\checkmark$

(o)	Describe a	any other	waste types	managed by	the system, if	applicable:

3.5 Will waste be stored at any truck storage yard or other location as part of the operation of the waste management system?	Yes	No
3.6 (a) How many waste transportation vehicles (trucks) are included in the waste management system?	1	
(b) Does the waste management system involve transportation of waste into or out of the Province of Ontario?	Yes	No
(c) Please indicate the jurisdictions from which the waste transportation vehicle(s) normally enter/exit Ontario Please check all that apply:		
Quebec	Enter from	m Exit to
Manitoba	Enter fro	m Exit to
New York	Enter fro	m Exit to
 Michigan	Enter fro	m Exit to
Minnesota	Enter fro	mExit to

(d) Please indicate all jurisdictions in which waste is transferred to a storage or disposal site outside of Ontario.

Please check all that apply:

Alberta	British Columbia	Manitoba	New Brunswick	Newfoundland
Nova Scotia	Northwest Territories	Nunavut	PEI	Quebec
Saskatchewan	Yukon	Alaska	🗌 Alabama	Arkansas
Arizona	California	Colorado	Connecticut	Delaware
Florida	Georgia	🗌 Iowa	🗌 Idaho	Illinois
🗌 Indiana	Kansas	Kentucky	Louisiana	Massachusetts
Maryland	Maine	Michigan	Minnesota	Missouri
Mississippi	Montana	North Carolina	North Dakota	Nebraska
Nevada	New Hampshire	New Jersey	New Mexico	New York
Ohio	Oklahoma	Oregon	Pennsylvania	Rhode Island
South Carolina	South Dakota	Tennessee	Texas	Utah
Virginia	Vermont	Washington	Wisconsin	West Virginia
Wyoming	Hawaii			

EXP Services Inc.

12714001 Canada Inc, Phase One Environmental Site Assessment 2983 Navan Road, Ottawa, Ontario OTT-21004744-A0 March 26, 2021 (revised July 16, 2021)

Appendix E: EcoLog ERIS Report





**Project Property:** 

**Project No:** 

Report Type: Order No: Requested by: Date Completed: Phase One ESA Navan Road Properties at Page & Brian Coburn Orléans ON K1C 7G4 OTT-21004743-A0 & OTT-21004744-A0, 100, Patricia S Quote - Custom-Build Your Own Report 21031000068 exp Services Inc. March 15, 2021

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## **Executive Summary**

#### Property Information:

**Project Property:** 

**Project No:** 

Phase One ESA Navan Road Properties at Page & Brian Coburn Orléans ON K1C 7G4

OTT-21004743-A0 & OTT-21004744-A0, 100, Patricia S

#### Order Information:

Order No: Date Requested: Requested by: Report Type: 21031000068 March 10, 2021 exp Services Inc. Quote - Custom-Build Your Own Report

#### Historical/Products:

**City Directory Search** 

CD - Subject Site plus 250m Radius

## Executive Summary: Report Summary

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	8	8
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
СНМ	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	2	2
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	6	6
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	16	16
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)	Ŷ	0	0	0
FST	Fuel Storage Tank	Ŷ	0	2	2
FSTH	Fuel Storage Tank - Historic	Ŷ	0	2	2
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	25	25
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	3	3

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
INC	Fuel Oil Spills and Leaks	Y	0	1	1
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	Y	0	0	0
NCPL	(NATES) 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	Y	0	0	0
NEBI	Sites National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Ŷ	0	0	0
NEES	National Environmental Emergencies System (NEES)	Ŷ	0	0	0
NPCB	National PCB Inventory	Ŷ	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	4	4
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	2	2
SPL	Ontario Spills	Y	0	6	6
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	Ŷ	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	2	31	33
	-	Total:	2	114	116

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## Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>1</u>	WWIS		lot 6 con 3 ON	SE/0.0	-1.00	<u>33</u>
			Well ID: 1501429			
<u>2</u>	WWIS		lot 6 con 3 ON	SE/0.0	-1.00	<u>36</u>
			W-11 ID: 1511000			

Well ID: 1511098

## Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>3</u>	WWIS		lot 6 con 3 ON <i>Well ID:</i> 1510718	ESE/1.1	-0.20	<u>38</u>
<u>4</u>	BORE		ON	ESE/1.2	-0.20	<u>42</u>
<u>5</u>	EHS		2973 Navan Rd Ottawa ON K1C7G4	W/5.2	-1.00	<u>43</u>
<u>6</u>	WWIS		2968 NAVAW RD lot 6 con 3 GLOUCESTER ON <i>Well ID:</i> 7163106	WSW/11.8	-1.00	<u>43</u>
<u>7</u>	BORE		ON	WSW/26.7	-1.00	<u>49</u>
<u>8</u>	WWIS		lot 6 con 3 ON <i>Well ID:</i> 1510906	WSW/26.9	-1.00	<u>51</u>
<u>9</u>	SPL	BUS	NAVAN VILLAGE, NAVAN RD & PAGE RD. MOTOR VEHICLE (OPERATING FLUID) CUMBERLAND TOWNSHIP ON	ESE/27.8	-1.00	<u>54</u>
<u>10</u>	wwis		CHAPEL HILL BRIAN COBURN ROAD BH17-02 lot 6 con 3 Ottawa ON <b>Well ID:</b> 7338724	W/43.6	-0.69	<u>55</u>
<u>11</u>	BORE		ON	SE/44.4	-1.00	<u>56</u>
<u>12</u>	WWIS		lot 6 con 3 ON <i>Well ID:</i> 1501453	E/44.6	0.00	<u>57</u>
<u>13</u>	WWIS		lot 5 con 3 ON <i>Well ID:</i> 1511514	E/47.4	0.00	<u>60</u>

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Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>14</u>	WWIS		lot 5 con 3 ON <i>Well ID:</i> 1510713	ESE/48.1	0.00	<u>63</u>
<u>15</u>	WWIS		lot 5 con 3 ON <i>Well ID:</i> 1511515	E/49.4	0.00	<u>66</u>
<u>16</u>	BORE		ON	SSE/50.3	-1.00	<u>69</u>
<u>17</u>	WWIS		lot 5 con 3 ON	ESE/51.8	-1.00	<u>70</u>
<u>18</u>	WWIS		<i>Well ID:</i> 1501415 lot 6 con 3 ON	NE/53.7	0.00	<u>73</u>
<u>19</u>	EHS		<i>Well ID:</i> 1501455 2680 Page Road Ottawa (Cumberland) ON K1W 1G1	N/54.9	-1.00	<u>75</u>
<u>20</u>	EHS		Navan Road Ottawa ON	WNW/56.2	-1.00	<u>76</u>
<u>21</u>	WWIS		ON	W/57.8	0.03	<u>76</u>
<u>22</u>	WWIS		<i>Well ID:</i> 7292790 lot 5 con 3 ON	E/58.6	0.00	<u>76</u>
<u>23</u>	BORE		<i>Well ID:</i> 1510712	E/58.8	0.00	<u>80</u>
<u>24</u>	WWIS		2968 + 2973 NAVAN RD lot 6 con 3 NAVAN ON	WSW/60.2	-1.00	<u>81</u>
<u>25</u>	ECA	City of Ottawa	<i>Well ID:</i> 7279124 2955 Navan Rd Ottawa ON K2G 6J8	W/61.6	-0.24	<u>82</u>
<u>26</u>	EHS		2955 Navan Rd Ottawa ON K1C7G4	W/61.6	-0.24	<u>83</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)		Page Number
<u>27</u>	HINC		2777 PAGE ROAD Orleans ON K1W 1G1	E/63.6	0.00	<u>83</u>
<u>28</u>	EHS		2968 Navan Rd Ottawa ON K1C7G4	WSW/63.9	-1.00	<u>83</u>
<u>29</u>	WWIS		lot 6 con 3 ON <i>Well ID:</i> 1501531	SW/74.6	-1.00	<u>84</u>
<u>30</u>	WWIS		lot 6 con 3 ON <i>Well ID:</i> 1510716	N/78.9	-1.00	<u>86</u>
<u>31</u>	BORE		ON	N/79.1	-1.00	<u>89</u>
<u>32</u>	WWIS		lot 5 con 3 ON <i>Well ID:</i> 1501412	E/80.4	0.00	<u>90</u>
<u>33</u>	EHS		2679 Page Road Orleans ON K1W 1G2	NNE/84.1	-1.06	<u>93</u>
<u>34</u>	WWIS		lot 6 con 2 ON <i>Well ID:</i> 1511923	SW/84.2	-1.00	<u>93</u>
<u>35</u>	WWIS		lot 5 con 3 ON <i>Well ID:</i> 1511711	ENE/89.4	0.00	<u>96</u>
<u>36</u>	WWIS		lot 5 con 3 ON <i>Well ID:</i> 1511692	NE/93.9	0.00	<u>99</u>
<u>37</u>	WWIS		lot 5 con 3 ON <i>Well ID:</i> 1501419	NE/94.0	0.00	<u>102</u>
<u>38</u>	BORE		ON	NE/94.0	0.00	<u>104</u>
<u>39</u>	WWIS		2723 PAGE ROAD lot 5 con 3 ORLEANS ON <i>Well ID:</i> 1536849	ENE/94.5	0.00	<u>106</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>40</u>	WWIS		lot 5 con 3 ON <i>Well ID:</i> 1501411	NE/96.2	0.00	<u>107</u>
<u>41</u>	BORE		ON	ESE/101.7	0.00	<u>110</u>
<u>42</u>	EHS		3097 and 3107 Navan Road Ottawa ON K1W1E9	ESE/103.3	-0.32	<u>111</u>
<u>43</u>	EHS		2683 Page Rd Ottawa ON K1W1G2	NNE/105.9	0.00	<u>111</u>
<u>44</u>	WWIS		lot 6 con 3 ON <i>Well ID:</i> 1501427	SE/108.9	-1.00	<u>112</u>
<u>45</u>	EHS		3096 Navan Rd Ottawa ON K1W1E9	ESE/108.9	-1.00	<u>114</u>
<u>46</u>	WWIS		lot 6 con 3 ON <i>Well ID:</i> 1510706	SE/113.7	-1.00	<u>114</u>
<u>47</u>	EHS		Navan Rd Ottawa ON	W/116.3	-0.18	<u>117</u>
<u>48</u>	GEN	LAURENT LEBLANC LIMITED	3000 NAVAN ROAD GLOUCESTER ON K1C 7G4	SSW/120.0	-1.00	<u>117</u>
<u>48</u>	EHS		3000 Navan Road Ottawa ON K1C 7G4	SSW/120.0	-1.00	<u>117</u>
<u>48</u>	GEN	Laurent Leblanc Itd	3000 Navan road Orlean ON K1C 7G4	SSW/120.0	-1.00	<u>117</u>
<u>48</u>	CA	Andre Leblanc Cartage Ltd.	3000 Navan Road Gloucester ON K1C 7G4	SSW/120.0	-1.00	<u>118</u>
<u>48</u>	CA	Andre Joseph Jean Leblanc	3000 Navan Road Gloucester ON K1C 7G4	SSW/120.0	-1.00	<u>118</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>48</u>	CA	Laurent Leblanc Limited	3000 Navan Road Gloucester ON K1C 7G4	SSW/120.0	-1.00	<u>118</u>
<u>48</u>	SCT	Laurent Leblanc Ltd.	3000 Navan Rd Orléans ON K1C 7G4	SSW/120.0	-1.00	<u>119</u>
<u>48</u>	GEN	Laurent Leblanc Itd	3000 Navan road Orlean ON K1C 7G4	SSW/120.0	-1.00	<u>119</u>
<u>48</u>	GEN	Laurent Leblanc Itd	3000 Navan road Orlean ON K1C 7G4	SSW/120.0	-1.00	<u>119</u>
<u>48</u>	GEN	Laurent Leblanc Itd	3000 Navan road Orlean ON K1C 7G4	SSW/120.0	-1.00	<u>120</u>
<u>48</u>	GEN	Laurent Leblanc Itd	3000 Navan road Orleans ON	SSW/120.0	-1.00	<u>120</u>
<u>48</u>	GEN	Laurent Leblanc Itd	3000 Navan road Orleans ON	SSW/120.0	-1.00	<u>120</u>
<u>48</u>	ECA	Andre Joseph Jean Leblanc	3000 Navan Road Gloucester ON K1C 7G4	SSW/120.0	-1.00	<u>121</u>
<u>48</u>	ECA	Laurent Leblanc Limited	3000 Navan Road Gloucester ON K1C 7G4	SSW/120.0	-1.00	<u>121</u>
<u>48</u>	ECA	Andre Leblanc Cartage Ltd.	3000 Navan Road Gloucester ON K1C 7G4	SSW/120.0	-1.00	<u>121</u>
<u>48</u>	GEN	Laurent Leblanc Itd	3000 Navan road Orleans ON K1C 7G4	SSW/120.0	-1.00	<u>122</u>
<u>48</u>	GEN	Laurent Leblanc Itd	3000 Navan road Orleans ON K1C 7G4	SSW/120.0	-1.00	<u>122</u>
<u>48</u>	GEN	Laurent Leblanc Itd	3000 Navan road Orleans ON K1C 7G4	SSW/120.0	-1.00	<u>122</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>48</u>	GEN	Laurent Leblanc Itd	3000 Navan road Orleans ON K1C 7G4	SSW/120.0	-1.00	<u>123</u>
<u>48</u>	EASR	2561678 ONTARIO INC.	3000 NAVAN RD ORLEANS ON K1C 7G4	SSW/120.0	-1.00	<u>123</u>
<u>48</u>	GEN	Laurent Leblanc Itd	3000 Navan road Orleans ON K1C 7G4	SSW/120.0	-1.00	<u>123</u>
<u>49</u>	WWIS		lot 6 con 3 ON <i>Well ID:</i> 1501420	SE/138.1	-1.00	<u>124</u>
<u>50</u>	CA	Minto Communities Inc.	6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa Front), Geographic Town of Gloucester Ottawa ON	ESE/151.5	0.00	<u>126</u>
<u>50</u>	CA	Richcraft Homes Ltd.	6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa Front), Geographic Town of Gloucester Ottawa ON	ESE/151.5	0.00	<u>127</u>
<u>50</u>	ECA	Richcraft Homes Ltd.	6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa Front), Geographic Town of Gloucester, City of Ottawa Ottawa ON K1G 4K1	ESE/151.5	0.00	<u>127</u>
<u>50</u>	ECA	Minto Communities Inc.	6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa Front), Geographic Town of Gloucester, City of Ottawa Ottawa ON K1P 0B6	ESE/151.5	0.00	<u>127</u>
<u>51</u>	EHS		Navan and Renaud Road Ottawa ON K4B 1H9	S/156.8	-1.00	<u>128</u>
<u>51</u>	EHS		Navan and Renaud Road Ottawa ON K4B 1H9	S/156.8	-1.00	<u>128</u>
<u>51</u>	EHS		Navan and Renaud Road Ottawa ON K4B 1H9	S/156.8	-1.00	<u>128</u>
<u>52</u>	GEN	MARCEL BRAZEAU LTD.	LOT 6, CONC. 3 OFF NAVAN ROAD C/O BOX 231 R.R.#9 GLOUCESTER ON K1G 3N5	SSE/161.5	-1.91	<u>128</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>52</u>	GEN	MARCEL BRAZEAU LTD. 26- 391	3060 NAVAN ROAD GLOUCESTER ON K1G 3N5	SSE/161.5	-1.91	<u>129</u>
<u>52</u>	GEN	MARCEL BRAZEAU LTD.	3060 NAVAN ROAD GLOUCESTER ON K1G 3N5	SSE/161.5	-1.91	<u>129</u>
<u>52</u>	FSTH	MARCEL BRAZEAU TOP SOIL	3060 NAVAN RD NAVAN ON	SSE/161.5	-1.91	<u>129</u>
<u>52</u>	FSTH	MARCEL BRAZEAU TOP SOIL	3060 NAVAN RD NAVAN ON	SSE/161.5	-1.91	<u>130</u>
<u>52</u>	GEN	MARCEL BRAZEAU LTD.	3060 NAVAN ROAD GLOUCESTER ON K1W 1E9	SSE/161.5	-1.91	<u>130</u>
<u>52</u>	GEN	MARCEL BRAZEAU LTD.	3060 NAVAN ROAD GLOUCESTER ON K1W 1E9	SSE/161.5	-1.91	<u>131</u>
<u>52</u>	FST	MARCEL BRAZEAU TOP SOIL	3060 NAVAN RD NAVAN K4B ON CA 3060 NAVAN RD NAVAN K4B ON CA ON	SSE/161.5	-1.91	<u>131</u>
<u>52</u>	FST	MARCEL BRAZEAU TOP SOIL	3060 NAVAN RD NAVAN K4B ON CA 3060 NAVAN RD NAVAN K4B ON CA ON	SSE/161.5	-1.91	<u>132</u>
<u>52</u>	SPL	Enbridge Gas Distribution Inc.	3060 Navan Rd Ottawa ON	SSE/161.5	-1.91	<u>132</u>
<u>52</u>	PINC	PIPELINE HIT 1"	3060 NAVAN RD,,ORLÉANS,ON,K1W 1E9,CA ON	SSE/161.5	-1.91	<u>133</u>
<u>52</u>	PINC	PIPELINE HIT 1"	3060 NAVAN RD,,OTTAWA,ON,K1W 1E9, CA ON	SSE/161.5	-1.91	<u>133</u>
<u>53</u>	HINC		6126 RENAUD ROAD GLOUCESTER ON K1W 1E9	SE/169.7	-1.00	<u>134</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>53</u>	HINC		6126 RENAUD ROAD GLOUCESTER ON K1W 1E9	SE/169.7	-1.00	<u>134</u>
<u>54</u>	EASR	AECON CONSTRUCTION ONTARIO EAST LIMITED	ON	W/173.0	-2.82	<u>134</u>
<u>55</u>	WWIS		lot 6 con 4 ON <i>Well ID:</i> 1501528	SE/179.2	-1.00	<u>135</u>
<u>56</u>	WWIS		6102 RENARD ST OTTAWA ON <i>Well ID:</i> 7300714	SE/181.3	-1.05	<u>137</u>
<u>57</u>	SPL		Renaud Rd and Navan Rd Ottawa ON	ESE/188.3	0.00	<u>140</u>
<u>58</u>	EHS		Navan Rd Renaud Rd Ottawa ON	ESE/188.3	0.00	<u>141</u>
<u>59</u>	SCT	Orleans Printers Ltd.	6102 Renaud Rd Unit 1 Orleans ON K1W 1E9	SE/193.1	-1.00	<u>141</u>
<u>60</u>	WWIS		lot 6 con 4 ON <i>Well ID:</i> 1501529	SE/204.0	-1.05	<u>141</u>
<u>61</u>	EHS		6102 Renaud Rd Ottawa ON K1W1E9	SE/210.8	-1.77	<u>144</u>
<u>62</u>	SPL	Enbridge Gas Distribution Inc.	6071 renaud Road, Orleans <unofficial> Ottawa ON K1C 7G4</unofficial>	SSE/225.2	-2.97	<u>144</u>
<u>62</u>	SPL	Enbridge Gas Distribution Inc.	6071 renaud Road, Orleans <unofficial> Ottawa ON K1C 7G4</unofficial>	SSE/225.2	-2.97	<u>144</u>
<u>62</u>	INC		6071 Renaud Road, Orleans ON K1C 7G4	SSE/225.2	-2.97	<u>145</u>
<u>63</u>	CA	MINTO DEVELOPMENTS INC.	CASTLE PINES WAY/AUBURN RIDGE GLOUCESTER CITY ON	NW/226.8	0.00	<u>145</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>64</u>	WWIS		lot 5 con 4 ON <i>Well ID:</i> 1509638	ESE/227.6	0.00	<u>146</u>
<u>65</u>	PINC	TREMBLAY CONSTRUCTION	700 MORNINGSTAR WAY,,OTTAWA,ON, K1W 0G6,CA ON	E/230.4	0.00	<u>149</u>
<u>65</u>	SPL	Enbridge Gas Distribution Inc.	700 Morningstar Way Ottawa ON	E/230.4	0.00	<u>149</u>
<u>66</u>	WWIS		6102 RENAUD ST OTTAWA ON <b>Well ID:</b> 7300645	SE/238.0	-1.69	<u>150</u>
<u>67</u>	WWIS		6102 RENAUD ST OTTAWA ON <i>Well ID:</i> 7300715	SE/241.2	-2.00	<u>153</u>
<u>68</u>	GEN	1310034 Ontario Inc. Cob National Coatings	2624 Page Rd. Ottawa ON K1W 1E8	N/248.8	2.08	<u>156</u>
<u>68</u>	GEN	1310034 Ontario Inc. Cob National Coatings	2624 Page Rd. Ottawa ON K1W 1E8	N/248.8	2.08	<u>156</u>
<u>68</u>	GEN	1310034 Ontario Inc. Cob National Coatings	2624 Page Rd. Ottawa ON	N/248.8	2.08	<u>156</u>
<u>68</u>	GEN	1310034 Ontario Inc. Cob National Coatings	2624 Page Rd. Ottawa ON K1W1E8	N/248.8	2.08	<u>156</u>
<u>68</u>	GEN	1310034 Ontario Inc. Cob National Coatings	2624 Page Rd. Ottawa ON K1W1E8	N/248.8	2.08	<u>157</u>
<u>68</u>	GEN	1310034 Ontario Inc. Cob National Coatings	2624 Page Rd. Ottawa ON K1W1E8	N/248.8	2.08	<u>157</u>
<u>68</u>	GEN	1310034 Ontario Inc. Cob National Coatings	2624 Page Rd. Ottawa ON K1W1E8	N/248.8	2.08	<u>157</u>
<u>68</u>	GEN	1310034 Ontario Inc. Cob National Coatings	2624 Page Rd. Ottawa ON K1W1E8	N/248.8	2.08	<u>157</u>

Мар Кеу	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>69</u>	PINC		6173 Renaud Road, Ottawa ON	E/249.5	0.00	<u>158</u>

## Executive Summary: Summary By Data Source

### BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 8 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	Address ON	<u>Distance (m)</u> 1.2	<u>Map Key</u> <u>4</u>
	ON	26.7	<u>7</u>
	ON	44.4	<u>11</u>
	ON	50.3	<u>16</u>
	ON	58.8	<u>23</u>
	ON	79.1	<u>31</u>
	ON	94.0	<u>38</u>
	ON	101.7	<u>41</u>

#### **<u>CA</u>** - 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 0.25 kilometers of

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the project property.

Site Andre Leblanc Cartage Ltd.	<u>Address</u> 3000 Navan Road Gloucester ON K1C 7G4	<u>Distance (m)</u> 120.0	<u>Map Key</u> <u>48</u>
Andre Joseph Jean Leblanc	3000 Navan Road Gloucester ON K1C 7G4	120.0	<u>48</u>
Laurent Leblanc Limited	3000 Navan Road Gloucester ON K1C 7G4	120.0	<u>48</u>
Minto Communities Inc.	6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa Front), Geographic Town of Gloucester Ottawa ON	151.5	<u>50</u>
Richcraft Homes Ltd.	6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa Front), Geographic Town of Gloucester Ottawa ON	151.5	<u>50</u>
MINTO DEVELOPMENTS INC.	CASTLE PINES WAY/AUBURN RIDGE GLOUCESTER CITY ON	226.8	<u>63</u>

#### **EASR** - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Dec 31, 2020 has found that there are 2 EASR site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
2561678 ONTARIO INC.	3000 NAVAN RD ORLEANS ON K1C 7G4	120.0	<u>48</u>
AECON CONSTRUCTION ONTARIO EAST LIMITED	ON	173.0	<u>54</u>

#### ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Dec 31, 2020 has found that there are 6 ECA site(s) within approximately 0.25 kilometers of the project property.

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<u>Site</u> City of Ottawa	<u>Address</u> 2955 Navan Rd Ottawa ON K2G 6J8	<u>Distance (m)</u> 61.6	<u>Map Key</u> <u>25</u>
Andre Leblanc Cartage Ltd.	3000 Navan Road Gloucester ON K1C 7G4	120.0	<u>48</u>
Laurent Leblanc Limited	3000 Navan Road Gloucester ON K1C 7G4	120.0	<u>48</u>
Andre Joseph Jean Leblanc	3000 Navan Road Gloucester ON K1C 7G4	120.0	<u>48</u>
Minto Communities Inc.	6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa Front), Geographic Town of Gloucester, City of Ottawa Ottawa ON K1P 0B6	151.5	<u>50</u>
Richcraft Homes Ltd.	6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa Front), Geographic Town of Gloucester, City of Ottawa Ottawa ON K1G 4K1	151.5	<u>50</u>

### **EHS** - ERIS Historical Searches

A search of the EHS database, dated 1999-Oct 31, 2020 has found that there are 16 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u> 2973 Navan Rd Ottawa ON K1C7G4	<u>Distance (m)</u> 5.2	<u>Map Key</u> <u>5</u>
	2680 Page Road Ottawa (Cumberland) ON K1W 1G1	54.9	<u>19</u>
	Navan Road Ottawa ON	56.2	<u>20</u>
	2955 Navan Rd Ottawa ON K1C7G4	61.6	<u>26</u>

<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
2968 Navan Rd Ottawa ON K1C7G4	63.9	<u>28</u>
2679 Page Road Orleans ON K1W 1G2	84.1	<u>33</u>
3097 and 3107 Navan Road Ottawa ON K1W1E9	103.3	<u>42</u>
2683 Page Rd Ottawa ON K1W1G2	105.9	<u>43</u>
3096 Navan Rd Ottawa ON K1W1E9	108.9	<u>45</u>
Navan Rd Ottawa ON	116.3	<u>47</u>
3000 Navan Road Ottawa ON K1C 7G4	120.0	<u>48</u>
Navan and Renaud Road Ottawa ON K4B 1H9	156.8	<u>51</u>
Navan and Renaud Road Ottawa ON K4B 1H9	156.8	<u>51</u>
Navan and Renaud Road Ottawa ON K4B 1H9	156.8	<u>51</u>
Navan Rd Renaud Rd Ottawa ON	188.3	<u>58</u>

<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
6102 Renaud Rd Ottawa ON K1W1E9	210.8	<u>61</u>

#### **FST** - Fuel Storage Tank

A search of the FST database, dated Jul 31, 2020 has found that there are 2 FST site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	Address	Distance (m)	<u>Map Key</u>
MARCEL BRAZEAU TOP SOIL	3060 NAVAN RD NAVAN K4B ON CA 3060 NAVAN RD NAVAN K4B ON CA ON	161.5	<u>52</u>
MARCEL BRAZEAU TOP SOIL	3060 NAVAN RD NAVAN K4B ON CA 3060 NAVAN RD NAVAN K4B ON CA ON	161.5	<u>52</u>

#### **FSTH** - Fuel Storage Tank - Historic

A search of the FSTH database, dated Pre-Jan 2010\* has found that there are 2 FSTH site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
MARCEL BRAZEAU TOP SOIL	3060 NAVAN RD NAVAN ON	161.5	<u>52</u>
MARCEL BRAZEAU TOP SOIL	3060 NAVAN RD NAVAN ON	161.5	<u>52</u>

### **GEN** - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 31, 2020 has found that there are 25 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
LAURENT LEBLANC LIMITED	3000 NAVAN ROAD GLOUCESTER ON K1C 7G4	120.0	<u>48</u>

Site Laurent Leblanc Itd	<u>Address</u> 3000 Navan road Orlean ON K1C 7G4	<u>Distance (m)</u> 120.0	<u>Map Key</u> <u>48</u>
Laurent Leblanc Itd	3000 Navan road Orlean ON K1C 7G4	120.0	<u>48</u>
Laurent Leblanc Itd	3000 Navan road Orlean ON K1C 7G4	120.0	<u>48</u>
Laurent Leblanc Itd	3000 Navan road Orleans ON	120.0	<u>48</u>
Laurent Leblanc Itd	3000 Navan road Orleans ON	120.0	<u>48</u>
Laurent Leblanc Itd	3000 Navan road Orleans ON K1C 7G4	120.0	<u>48</u>
Laurent Leblanc Itd	3000 Navan road Orleans ON K1C 7G4	120.0	<u>48</u>
Laurent Leblanc Itd	3000 Navan road Orleans ON K1C 7G4	120.0	<u>48</u>
Laurent Leblanc Itd	3000 Navan road Orleans ON K1C 7G4	120.0	<u>48</u>
Laurent Leblanc Itd	3000 Navan road Orleans ON K1C 7G4	120.0	<u>48</u>
Laurent Leblanc Itd	3000 Navan road Orlean ON K1C 7G4	120.0	<u>48</u>
MARCEL BRAZEAU LTD.	LOT 6, CONC. 3 OFF NAVAN ROAD C/O BOX 231 R.R.#9 GLOUCESTER ON K1G 3N5	161.5	<u>52</u>

Site	Address	<u>Distance (m)</u>	<u>Map Key</u>
MARCEL BRAZEAU LTD. 26-391	3060 NAVAN ROAD GLOUCESTER ON K1G 3N5	161.5	<u>52</u>
MARCEL BRAZEAU LTD.	3060 NAVAN ROAD GLOUCESTER ON K1G 3N5	161.5	<u>52</u>
MARCEL BRAZEAU LTD.	3060 NAVAN ROAD GLOUCESTER ON K1W 1E9	161.5	<u>52</u>
MARCEL BRAZEAU LTD.	3060 NAVAN ROAD GLOUCESTER ON K1W 1E9	161.5	<u>52</u>
1310034 Ontario Inc. Cob National Coatings	2624 Page Rd. Ottawa ON K1W1E8	248.8	<u>68</u>
1310034 Ontario Inc. Cob National Coatings	2624 Page Rd. Ottawa ON K1W 1E8	248.8	<u>68</u>
1310034 Ontario Inc. Cob National Coatings	2624 Page Rd. Ottawa ON K1W 1E8	248.8	<u>68</u>
1310034 Ontario Inc. Cob National Coatings	2624 Page Rd. Ottawa ON	248.8	<u>68</u>
1310034 Ontario Inc. Cob National Coatings	2624 Page Rd. Ottawa ON K1W1E8	248.8	<u>68</u>
1310034 Ontario Inc. Cob National Coatings	2624 Page Rd. Ottawa ON K1W1E8	248.8	<u>68</u>
1310034 Ontario Inc. Cob National Coatings	2624 Page Rd. Ottawa ON K1W1E8	248.8	<u>68</u>

### **HINC** - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009\* has found that there are 3 HINC site(s) within approximately 0.25 kilometers of the project property.

Site	Address	<u>Distance (m)</u>	<u>Map Key</u>
	2777 PAGE ROAD Orleans ON K1W 1G1	63.6	<u>27</u>
	6126 RENAUD ROAD GLOUCESTER ON K1W 1E9	169.7	<u>53</u>
	6126 RENAUD ROAD GLOUCESTER ON K1W 1E9	169.7	<u>53</u>

# **INC** - Fuel Oil Spills and Leaks

A search of the INC database, dated Jul 31, 2020 has found that there are 1 INC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	Address	<u>Distance (m)</u>	<u>Map Key</u>
	6071 Renaud Road, Orleans ON K1C 7G4	225.2	<u>62</u>

### **<u>PINC</u>** - Pipeline Incidents

A search of the PINC database, dated Oct 31, 2020 has found that there are 4 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
PIPELINE HIT 1"	3060 NAVAN RD,,ORLÉANS,ON,K1W 1E9, CA ON	161.5	<u>52</u>

<u>Site</u> PIPELINE HIT 1"	<u>Address</u> 3060 NAVAN RD,,OTTAWA,ON,K1W 1E9,CA ON	<u>Distance (m)</u> 161.5	<u>Map Key</u> <u>52</u>
TREMBLAY CONSTRUCTION	700 MORNINGSTAR WAY,,OTTAWA,ON, K1W 0G6,CA ON	230.4	<u>65</u>
	6173 Renaud Road, Ottawa ON	249.5	<u>69</u>

# SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011\* has found that there are 2 SCT site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	Address	<u>Distance (m)</u>	<u>Map Key</u>
Laurent Leblanc Ltd.	3000 Navan Rd Orléans ON K1C 7G4	120.0	<u>48</u>
Orleans Printers Ltd.	6102 Renaud Rd Unit 1 Orleans ON K1W 1E9	193.1	<u>59</u>

# SPL - Ontario Spills

A search of the SPL database, dated 1988-Mar 2020; Jul 2020 - Aug 2020 has found that there are 6 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
BUS	NAVAN VILLAGE, NAVAN RD & PAGE RD. MOTOR VEHICLE (OPERATING FLUID) CUMBERLAND TOWNSHIP ON	27.8	<u>9</u>
Enbridge Gas Distribution Inc.	3060 Navan Rd Ottawa ON	161.5	<u>52</u>
	Renaud Rd and Navan Rd Ottawa ON	188.3	<u>57</u>

Site Enbridge Gas Distribution Inc.	<u>Address</u> 6071 renaud Road, Orleans <unofficial> Ottawa ON K1C 7G4</unofficial>	<u>Distance (m)</u> 225.2	<u>Map Key</u> <u>62</u>
Enbridge Gas Distribution Inc.	6071 renaud Road, Orleans <unofficial> Ottawa ON K1C 7G4</unofficial>	225.2	<u>62</u>
Enbridge Gas Distribution Inc.	700 Morningstar Way Ottawa ON	230.4	<u>65</u>

## WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 33 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	Address	<u>Distance (m)</u>	<u>Map Key</u>
	lot 6 con 3 ON	0.0	<u>1</u>
	Well ID: 1501429		
	lot 6 con 3 ON	0.0	<u>2</u>
	<b>Well ID:</b> 1511098		
	lot 6 con 3 ON	1.1	<u>3</u>
	<b>Well ID:</b> 1510718		
	2968 NAVAW RD lot 6 con 3 GLOUCESTER ON	11.8	<u>6</u>
	Well ID: 7163106		
	lot 6 con 3 ON	26.9	<u>8</u>
	Well ID: 1510906		
	CHAPEL HILL BRIAN COBURN ROAD BH17-02 lot 6 con 3 Ottawa ON <i>Well ID:</i> 7338724	43.6	<u>10</u>
	lot 6 con 3 ON	44.6	<u>12</u>

Address Well ID: 1501453	<u>Distance (m)</u>	<u>Map Key</u>
lot 5 con 3 ON	47.4	<u>13</u>
<b>Well ID:</b> 1511514		
lot 5 con 3 ON	48.1	<u>14</u>
Well ID: 1510713		
lot 5 con 3 ON	49.4	<u>15</u>
Well ID: 1511515		
lot 5 con 3 ON	51.8	<u>17</u>
Well ID: 1501415		
lot 6 con 3 ON	53.7	<u>18</u>
Well ID: 1501455		
ON	57.8	<u>21</u>
Well ID: 7292790		
lot 5 con 3 ON	58.6	<u>22</u>
Well ID: 1510712		
2968 + 2973 NAVAN RD lot 6 con 3 NAVAN ON	60.2	<u>24</u>
Well ID: 7279124		
lot 6 con 3 ON	74.6	<u>29</u>
Well ID: 1501531		
lot 6 con 3 ON	78.9	<u>30</u>
<b>Well ID:</b> 1510716		
lot 5 con 3 ON	80.4	<u>32</u>
Well ID: 1501412		

<u>Site</u>

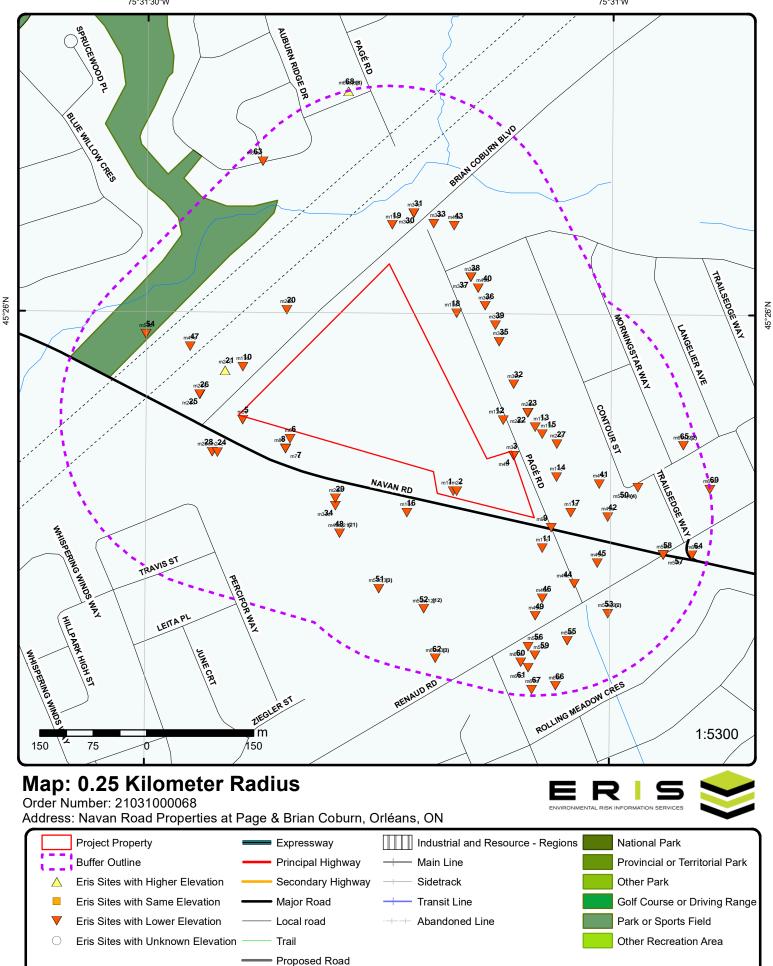
<u>Address</u> lot 6 con 2 ON	<u>Distance (m)</u> 84.2	<u>Map Key</u> <u>34</u>
Well ID: 1511923		
lot 5 con 3 ON	89.4	<u>35</u>
Well ID: 1511711		
lot 5 con 3 ON	93.9	<u>36</u>
Well ID: 1511692		
lot 5 con 3 ON	94.0	<u>37</u>
<b>Well ID:</b> 1501419		
2723 PAGE ROAD lot 5 con 3 ORLEANS ON	94.5	<u>39</u>
<b>Well ID:</b> 1536849		
lot 5 con 3 ON	96.2	<u>40</u>
Well ID: 1501411		
lot 6 con 3 ON	108.9	<u>44</u>
Well ID: 1501427		
lot 6 con 3 ON	113.7	<u>46</u>
Well ID: 1510706		
lot 6 con 3 ON	138.1	<u>49</u>
Well ID: 1501420		
lot 6 con 4 ON	179.2	<u>55</u>
Well ID: 1501528		
6102 RENARD ST OTTAWA ON	181.3	<u>56</u>
Well ID: 7300714		
lot 6 con 4 ON	204.0	<u>60</u>

Address Well ID: 1501529	<u>Distance (m)</u>	<u>Map Key</u>
lot 5 con 4 ON	227.6	<u>64</u>
Well ID: 1509638		
6102 RENAUD ST OTTAWA ON	238.0	<u>66</u>
Well ID: 7300645		
6102 RENAUD ST OTTAWA ON	241.2	<u>67</u>

Well ID: 7300715



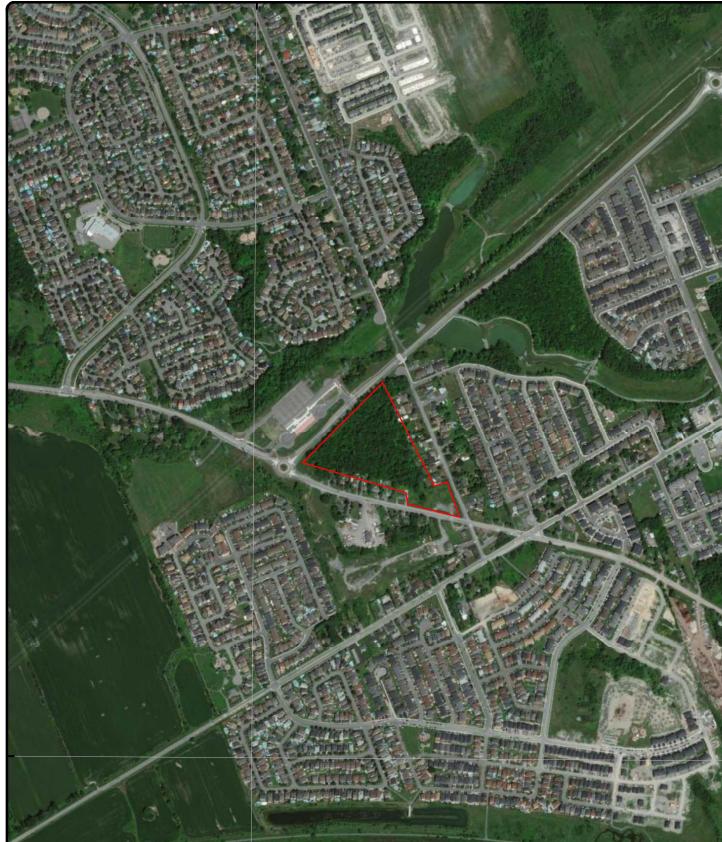




Ferry Route/Ice Road

Source: © 2015 DMTI Spatial Inc.

© ERIS Information Limited Partnership



75°31'30"W

45°25'30"N

# Aerial Year: 2008

0

# Order Number: 21031000068

1:10000



Source: Esrl, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Address: Navan Road Properties at Page & Brian Coburn, Orléans, Olever

m 250

125

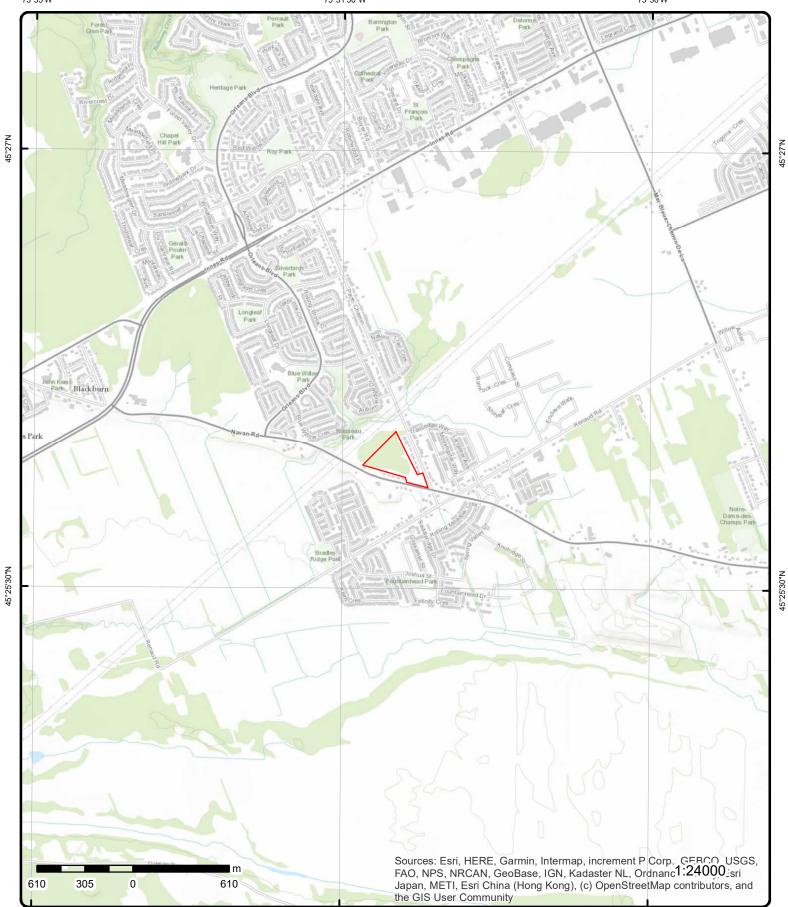
250

© ERIS Information Limited Partnership

75°33'W

75°31'30"W

75°30'W



# **Topographic Map**

# Address: Navan Road Properties at Page & Brian Coburn, ON

Source: ESRI World Topographic Map

# Order Number: 21031000068



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# Detail Report

		S	Distance (m)	(m)	Site		DB
1	1 of 1		SE/0.0	79.9 / -1.00	lot 6 con 3 ON		WWIS
Well ID:		1501429			Data Entry Status:		
Construction	Date:				Data Src:	1	
Primary Wate	er Use:	Domestic			Date Received:	12/7/1962	
Sec. Water U	lse:	0			Selected Flag:	Yes	
Final Well Sta	atus:	Water Supp	ly		Abandonment Rec:		
Water Type:					Contractor:	1504	
Casing Mater	rial:				Form Version:	1	
Audit No:					Owner:		
Tag:					Street Name:		
Construction	1				County:	OTTAWA	
Method:							
Elevation (m					Municipality:	GLOUCESTER TOWNSHIP	
Elevation Re					Site Info:	000	
Depth to Bea	irock:				Lot:	006	
Well Depth:					Concession:	03	
Overburden/	Bedrock:				Concession Name:	OF	
Pump Rate: Static Water					Easting NAD83:		
					Northing NAD83: Zone:		
Flowing (Y/N Flow Rate:	):				UTM Reliability:		
Clear/Cloudy	<i>,</i> .				OTWI Kenabinty.		
clear/Cloudy	•						
PDF URL (Ma	ם):	ht	tps://d2khazk8e83	Brdv.cloudfront.ne	t/moe_mapping/downloads	/2Water/Wells_pdfs/150\1501429.pdf	

### Bore Hole Information

Bore Hole ID:	10023472	Elevation:	80.868606
DP2BR:	90	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	459365.8
Code OB Desc:	Bedrock	North83:	5030972
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	11/16/1962	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location	Source:		
Improvement Location	Method:		
Source Revision Com	ment:		
Supplier Comment:			

#### Overburden and Bedrock Materials Interval

Formation ID:	930991808
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY

• •	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2: Mat2 Dagai					
Mat2 Desc:					
Mat3:					
Mat3 Desc:	Donthi	10			
Formation Top Formation End	Depth:	12 90			
Formation End	Depth UOM:	ft			
<u>Overburden an</u> Materials Interv					
Formation ID:		930991809			
Layer:		3			
Color:					
General Color:					
Mat1:		17			
Most Common	waterial:	SHALE			
Mat2: Mat2 Desc:					
Mat2 Desc. Mat3:					
Mat3 Desc:					
Formation Top	Denth <sup>.</sup>	90			
Formation End		95			
Formation End	Depth UOM:	ft			
<u>Overburden an</u> Materials Interv					
Formation ID:		930991810			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:		19			
Most Common	Material:	SLATE			
Mat2: Mat2 Decei					
Mat2 Desc: Mat3:					
Mat3 Desc:					
Formation Top	Denth <sup>.</sup>	95			
Formation End		107			
Formation End	Depth UOM:	ft			
Overburden an					
Materials Interv	<u>/al</u>				
Formation ID:		930991807			
Layer:		1			
Color:					
General Color:					
Mat1:		09			
Most Common	Material:	MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:	Donthi	0			
Formation Top		0 12			
Earmation End					
Formation End Formation End	Depth LOM	ft			

Method of Construction & Well Use

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Cons		961501429			
Method Cons	struction Code: struction: d Construction:	7 Diamond			
Pipe Informa	<u>ition</u>				
Pipe ID:		10572042			
Casing No: Comment: Alt Name:		1			
Constructior	n Record - Casing				
Casing ID:		930039826			
Layer: Material:		2 4			
Open Hole o		OPEN HOLE			
Depth From: Depth To:		107			
Casing Diam	eter:	2			
Casing Diam Casing Dept	eter UOM: h UOM:	inch ft			
Construction	n Record - Casing				
Casing ID:		930039825			
Layer: Material:		1			
Open Hole of	r Material:	STEEL			
Depth From:					
Depth To: Casing Diam	eter:	97 2			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Results of W</u>	<u>'ell Yield Testing</u>				
Pump Test II Pump Set At	D:	991501429			
Static Level:		20			
Final Level A	fter Pumping:	30			
Recommend Pumping Rat	ed Pump Depth: te:	30 10			
Flowing Rate	ə:				
Recommend Levels UOM:	ed Pump Rate:	10 ft			
Rate UOM:		GPM			
	After Test Code:	2 CLOUDY			
Water State A Pumping Tes		CLOUDY 1			
Pumping Du	ration HR:	2			
Pumping Du Flowing:	ration MIN:	0 No			
Water Details	<u>s</u>				
Water ID:		933454136			
Layer:		1			

 Value
 533434

 Layer:
 1

 Kind Code:
 1

 Kind:
 FRESH

 Water Found Depth:
 107

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		Di
Water Found D	epth UOM:	ft				
<u>2</u>	1 of 1	SE/0.0	79.9 / -1.00	lot 6 con 3 ON		ww
Well ID:	151109	8		Data Entry Status:		
Construction L	Date:			Data Src:	1	
Primary Water		tic		Date Received:	3/26/1971	
Sec. Water Us				Selected Flag:	Yes	
Final Well Stat	tus: Water S	Supply		Abandonment Rec:		
Water Type:		11.5		Contractor:	1504	
Casing Materia	al:			Form Version:	1	
Audit No:				Owner:		
Tag:				Street Name:		
Construction				County:	OTTAWA	
Method:				-		
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP	
<b>Elevation Relia</b>	ability:			Site Info:		
Depth to Bedro	ock:			Lot:	006	
Well Depth:				Concession:	03	
Overburden/B	edrock:			Concession Name:	OF	
Pump Rate:				Easting NAD83:		
Static Water Lo				Northing NAD83:		
Flowing (Y/N):				Zone:		
Flow Rate:				UTM Reliability:		
Clear/Cloudy:						
PDF URL (Map)	):	https://d2khazk8e83	Brdv.cloudfront.ne	et/moe_mapping/downloads	s/2Water/Wells_pdfs/151\1511098.pdf	
Bore Hole Infor	rmation					
Bore Hole ID:	100330	95		Elevation:	80.817977	
DP2BR:	100			Elevrc:		
Spatial Status:	ŗ			Zone:	18	
Code OB:	r			East83:	459370.8	
Code OB Desc	: Bedroc	k		North83:	5030972	
Open Hole:				Org CS:		
Cluster Kind:				UTMRC:	4	
Date Complete	ed: 9/12/19	070		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:				Location Method:	p4	
Elevrc Desc:						
Location Source						
•	ocation Source:					
mprovement L	ocation Method:					

## Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3:	931016669 2 6 BROWN 19 SLATE
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	100 106 ft

<u>Overburden and Bedrock</u> Materials Interval	
materials interval	
Formation ID:	931016668
Layer:	1
Color:	
General Color: Mat1:	BLUE 05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	100
Formation End Depth UOM:	ft
Method of Construction & Well	
<u>Use</u>	
	201511000
Method Construction ID:	961511098
Method Construction Code:	7 Diamond
Method Construction: Other Method Construction:	Diamond
Pipe Information	
Pipe ID:	10581665
Casing No:	1
Comment:	
Alt Name:	
Construction Record - Casing	
-	
Casing ID:	930058719
Layer:	1
Material: Open Hele er Meterial:	2 GALVANIZED
<i>Open Hole or Material: Depth From:</i>	GALVANIZED
Depth To:	104
Casing Diameter:	2
Casing Diameter UOM:	_ inch
Casing Depth UOM:	ft
Construction Record - Casing	
-	
Casing ID:	930058720
Layer:	2
Material:	
Open Hole or Material:	OPEN HOLE
Depth From:	106
Depth To: Casing Diameter:	106
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### Results of Well Yield Testing

Pump Test ID:	
Pump Set At:	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Recommend	fter Pumping: ed Pump Depth:	32 50 60			
Pumping Rate		10			
	ed Pump Rate:	6			
Levels UOM:		ft			
Rate UOM:	After Test Code:	GPM 1			
Water State / Water State /		CLEAR			
Pumping Tes		1			
Pumping Du		2			
Pumping Du Flowing:	ration MIN:	0 No			
Draw Down &	& Recovery				
Pump Test D	etail ID:	934097636			
Test Type: Test Duratio	n•	Draw Down 15			
Test Level:	1.	45			
Test Level U	ОМ:	ft			
Draw Down &	& Recovery				
Pump Test D	etail ID:	934899706			
Test Type:		Draw Down			
Test Duratio Test Level:	า:	60 50			
Test Level U	ОМ:	ft			
Draw Down 8	& Recovery				
Pump Test D Test Type:	etail ID:	934380649 Draw Down			
Test Type: Test Duration	n:	30			
Test Level:		50			
Test Level U	ОМ:	ft			
Draw Down &	<u>&amp; Recovery</u>				
Pump Test D	etail ID:	934642782			
Test Type:		Draw Down			
Test Duration Test Level:	1.	45 50			
Test Level U	ОМ:	ft			
<u>Water Details</u>	2				
Water ID:		933466165			
Layer: Kind Code:		1			
Kind:		FRESH			
Water Found Water Found	Depth: Depth UOM:	106 ft			
<u>3</u>	1 of 1	ESE/1.1	80.7/-0.20	lot 6 con 3 ON	WWIS
Well ID:	15107	'18		Data Entry Status:	
Construction				Data Src: 1	
20	erisinfo.com   En	vironmental Risk Info	rmation Servic	es	Order No: 21031000068

Мар Кеу	Numbe Record		<i>Direction/ Distance (m)</i>	Elev/Diff (m)	Site		DB
Primary Wate	er Use:	Domestic			Date Received:	2/23/1971	
Sec. Water U	se:	0			Selected Flag:	Yes	
Final Well Sta	atus:	Water Supp	ly		Abandonment Rec:		
Water Type:			-		Contractor:	1504	
Casing Mater	rial:				Form Version:	1	
Audit No:					Owner:		
Tag:					Street Name:		
Construction	Method:				County:	OTTAWA	
Elevation (m)	):				Municipality:	GLOUCESTER TOWNSHIP	
Elevation Rel	liability:				Site Info:		
Depth to Bed	lrock:				Lot:	006	
Well Depth:					Concession:	03	
Overburden/	Bedrock:				Concession Name:	OF	
Pump Rate:					Easting NAD83:		
Static Water	Level:				Northing NAD83:		
Flowing (Y/N	):				Zone:		
Flow Rate:	•				UTM Reliability:		
Clear/Cloudy	r:				-		

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/151\1510718.pdf

### Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location S Improvement Location S Source Revision Comm Supplier Comment:	Method:		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	82.146499 18 459450.8 5031022 4 margin of error : 30 m - 100 m p4
<u>Overburden and Bedroo Materials Interval</u>	<u>:k</u>			
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:		931015646 2 3 BLUE 05 CLAY		
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth U</i>	ОМ:	6 100 ft		
<u>Overburden and Bedroc</u> <u>Materials Interval</u>	<u>:k</u>			
Formation ID: Layer: Color: General Color:		931015645 1 5 YELLOW		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	I	ЭB
Mat1: Most Commo Mat2: Mat2 Desc:	on Material:	09 MEDIUM SAND 01 FILL				
Mat3: Mat3 Desc:						
Formation To		0				
Formation El Formation El	nd Depth: nd Depth UOM:	6 ft				
<u>Overburden a</u> Materials Inte	and Bedrock erval					
Formation ID	):	931015647				
Layer: Color:		3 6				
General Colo Mat1:	or:	BROWN 19				
Mat1: Most Commo Mat2: Mat2 Desc:	on Material:	SLATE				
Mat3:						
Mat3 Desc: Formation To	op Depth:	100				
Formation E	nd Depth:	108				
Formation E	nd Depth UOM:	ft				
<u>Method of Co Use</u>	onstruction & Well					
Method Cons		961510718				
Method Cons	struction Code: struction: d Construction:	7 Diamond				
<u>Pipe Informa</u>	<u>tion</u>					
Pipe ID: Casing No: Comment: Alt Name:		10581305 1				
<u>Construction</u>	Record - Casing					
Casing ID:		930058037				
Layer: Material:		2 4				
Open Hole of		OPEN HOLE				
Depth From: Depth To:		108				
Casing Diam Casing Diam	eter: eter UOM <sup>.</sup>	inch				
Casing Dept	h UOM:	ft				
<u>Construction</u>	Record - Casing					
Casing ID:		930058036				
Layer: Material:		1 2				
Open Hole of		GALVANIZED				
Depth From: Depth To:		102				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diame Casing Diame Casing Depth	eter UOM:	2 inch ft			
Results of We	ell Yield Testing				
Pump Test ID Pump Set At:		991510718			
Static Level:	(	33			
	fter Pumping: ed Pump Depth:	36 50			
Pumping Rate	e:	10			
	ed Pump Rate:	6			
Levels UOM:		ft			
Rate UOM:		GPM			
	fter Test Code:	1			
Water State A		CLEAR			
Pumping Tes		1			
Pumping Dur Pumping Dur	ation HR: ation MN:	2 0			
Flowing:		No			
<u>Draw Down 8</u>	Recovery				
Pump Test De	etail ID:	934097309			
Test Type:		Draw Down			
Test Duration	:	15			
Test Level:		36			
Test Level UC	DM:	ft			
<u>Draw Down &amp;</u>	Recovery				
Pump Test D	etail ID:	934897989			
Test Type:		Draw Down			
Test Duration	:	60			
Test Level:		36			
Test Level UC	DM:	ft			
<u>Draw Down &amp;</u>	Recovery				
Pump Test D	etail ID:	934641203			
Test Type:		Draw Down			
Test Duration		45			
Test Level:		36			
Test Level UC	DM:	ft			
<u>Draw Down 8</u>	Recovery				
Pump Test D	etail ID:	934380044			
Test Type:		Draw Down			
Test Duration		30			
Test Level:		36			
Test Level UC	DIM:	ft			
Water Details					
Water ID:		933465751			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			

	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Vater Found Vater Found	d Depth: d Depth UON	Л:	108 ft				
<u>4</u>	1 of 1		ESE/1.2	80.7/-0.20	ON		BORE
					-		
Borehole ID: OGF ID:	:	615095 2155160	27		Inclin FLG: SP Status:	No Initial Entry	
Status:		2155160	37		SP Status: Surv Elev:	Initial Entry No	
Type:		Borehole	9		Piezometer:	No	
Use:					Primary Name:		
Completion	Date:	DEC-197	70		Municipality:		
Static Water					Lot:		
Primary Wat					Township:	45 404540	
Sec. Water U Total Depth		32.9			Latitude DD: Longitude DD:	45.431546 -75.51839	
Depth Ref:		Ground S	Surface		UTM Zone:	18	
Depth Elev:		Cround	Junaco		Easting:	459451	
Drill Method	:				Northing:	5031022	
Orig Ground		82.3			Location Accuracy:		
Elev Reliabil					Accuracy:	Not Applicable	
DEM Ground		82.2					
Concession: Location D:	-						
Survey D:							
Comments:							
Geology Stra Top Depth: Bottom Dept	th:	2184004 1.8 30.5	04		Mat Consistency: Material Moisture: Material Texture:		
Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 4:	th: or:	1.8 30.5 Blue Clay	04		Material Moisture:		
Top Depth:	th: or: I Descriptior	1.8 30.5 Blue Clay	04 CLAY. BLUE.		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period:		
Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 3: Gsc Material Stratum Des Geology Stra	th: or: I Descriptior scription:	1.8 30.5 Blue Clay <b>n:</b> 2184004	CLAY. BLUE.		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency:		
Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 3: Gsc Material Stratum Des Geology Stra Top Depth:	th: or: I Descriptior scription: atum ID:	1.8 30.5 Blue Clay <b>n:</b> 2184004 0	CLAY. BLUE.		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency: Material Moisture:		
Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material Stratum Des Geology Stra Top Depth: Bottom Dept	th: or: I Descriptior cription: atum ID: th:	1.8 30.5 Blue Clay <b>n:</b> 2184004 0 1.8	CLAY. BLUE.		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency: Material Moisture: Material Texture:		
Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material Stratum Des Geology Stra Top Depth: Bottom Dept	th: or: I Descriptior cription: atum ID: th:	1.8 30.5 Blue Clay <b>n:</b> 2184004 0	CLAY. BLUE.		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency: Material Moisture:		
Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 3: Gsc Material Stratum Des Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2:	th: or: I Descriptior scription: atum ID: th:	1.8 30.5 Blue Clay 7: 2184004 0 1.8 Yellow	CLAY. BLUE.		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group:		
Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 3: Gsc Material Stratum Des Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3:	th: or: I Descriptior scription: atum ID: th:	1.8 30.5 Blue Clay 7: 2184004 0 1.8 Yellow Sand	CLAY. BLUE.		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period:		
Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 3: Gsc Material Stratum Des Geology Stra Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3:	th: or: I Descriptior scription: atum ID: th: or:	1.8 30.5 Blue Clay 2184004 0 1.8 Yellow Sand Fill	CLAY. BLUE.		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group:		
Top Depth: Bottom Dept Material Colo Material 1: Material 2: Material 3: Material 3: Gsc Material Stratum Des Geology Stra Geology Stra Geology Stra Gotom Depth: Bottom Depth Material Colo Material 1: Material 3: Material 3: Gsc Material	th: or: I Descriptior scription: atum ID: th: or: I Descriptior	1.8 30.5 Blue Clay 2184004 0 1.8 Yellow Sand Fill	CLAY. BLUE.		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency: Material Moisture: Material Moisture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period:		
Top Depth: Bottom Dept Material Colo Material Colo Material 2: Material 3: Material 3: Gsc Material 4: Gsc Material 4: Material 1: Material 2: Material 3: Material 3: Material 4: Gsc Material Stratum Des	th: or: I Descriptior cription: atum ID: th: or: I Descriptior cription:	1.8 30.5 Blue Clay 2184004 0 1.8 Yellow Sand Fill <b>5</b> :	CLAY. BLUE. 03 SAND. YELLOW.		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency: Material Moisture: Material Moisture: Non Geo Mat Type: Geologic Formation: Geologic Croup: Geologic Period: Depositional Gen:		
Top Depth: Bottom Dept Material Colo Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material 4: Bottom Dept Material 2: Material 2: Material 3: Material 3: Material 4: Gsc Material Stratum Des Geology Stra	th: or: I Descriptior cription: atum ID: th: or: I Descriptior cription:	1.8 30.5 Blue Clay 2184004 0 1.8 Yellow Sand Fill	CLAY. BLUE. 03 SAND. YELLOW.		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency: Material Moisture: Material Moisture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period:		
Top Depth: Bottom Dept Material Colo Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material Stratum Des Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material Stratum Des Geology Stra Top Depth:	th: or: I Descriptior cription: atum ID: th: or: I Descriptior cription: atum ID:	1.8 30.5 Blue Clay 2184004 0 1.8 Yellow Sand Fill 2184004	CLAY. BLUE. 03 SAND. YELLOW.		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency:		
Top Depth: Bottom Dept Material Colo Material Colo Material 1: Material 2: Material 3: Gsc Material Stratum Des Geology Stra Material 2: Material 2: Material 3: Material 3: Material 4: Gsc Material Stratum Des Geology Stra Top Depth: Bottom Dept	th: or: I Descriptior cription: atum ID: th: or: I Descriptior cription: atum ID: th:	1.8 30.5 Blue Clay 7: 2184004 0 1.8 Yellow Sand Fill 7: 2184004 30.5 32.9 Brown	CLAY. BLUE. 03 SAND. YELLOW.		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency: Material Moisture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency: Material Moisture: Material Moisture: Material Texture: Non Geo Mat Type:		
Top Depth: Bottom Dept Material Colo Material Colo Material 2: Material 2: Material 3: Gsc Material Stratum Des Geology Stra Material 2: Material 2: Material 3: Material 3: Material 3: Stratum Des Geology Stra Top Depth: Bottom Dept Material Colo Material Colo Material Colo Material Colo	th: or: I Descriptior cription: atum ID: th: or: I Descriptior cription: atum ID: th:	1.8 30.5 Blue Clay 7: 2184004 0 1.8 Yellow Sand Fill 7: 2184004 30.5 32.9	CLAY. BLUE. 03 SAND. YELLOW.		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency: Material Moisture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency: Material Moisture: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation:		
Top Depth: Bottom Dept Material Colo Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material Stratum Des Material Colo Material 3: Material 3: Material 3: Material 3: Stratum Des Geology Stra Top Depth: Bottom Dept Material Colo Material Colo Material 1: Material 2:	th: or: I Descriptior cription: atum ID: th: or: I Descriptior cription: atum ID: th:	1.8 30.5 Blue Clay 7: 2184004 0 1.8 Yellow Sand Fill 7: 2184004 30.5 32.9 Brown	CLAY. BLUE. 03 SAND. YELLOW.		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency: Material Moisture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Formation: Geologic Formation:		
Top Depth: Bottom Dept Material Colo Material Colo Material 2: Material 2: Material 3: Material 4: Gsc Material Stratum Des Material 2: Material 2: Material 3: Material 3: Gsc Material Stratum Des Geology Stra Top Depth: Bottom Dept Material Colo Material Colo Material Colo Material 1: Material 2: Material 2: Material 2:	th: or: I Descriptior cription: atum ID: th: or: I Descriptior cription: atum ID: th:	1.8 30.5 Blue Clay 7: 2184004 0 1.8 Yellow Sand Fill 7: 2184004 30.5 32.9 Brown	CLAY. BLUE. 03 SAND. YELLOW.		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency: Material Moisture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency: Material Moisture: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Group: Geologic Group: Geologic Group: Geologic Group: Geologic Group: Geologic Group: Geologic Group: Geologic Group: Geologic Period:	organic	
Top Depth: Bottom Dept Material Colo Material Colo Material 1: Material 2: Material 2: Material 3: Gsc Material Stratum Des Material Colo Material 2: Material 3: Material 3: Material 3: Material 3: Stratum Des Geology Stra Top Depth: Bottom Dept Material Colo Material Colo Material 1: Material 2:	th: or: I Descriptior cription: atum ID: th: or: atum ID: th: or:	1.8 30.5 Blue Clay 7: 2184004 0 1.8 Yellow Sand Fill 7: 2184004 30.5 32.9 Brown Slate	CLAY. BLUE. 03 SAND. YELLOW.		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency: Material Moisture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Formation: Geologic Formation:	organic	

Мар Кеу	Number Records		Direction/ Distance (m	Elev/Diff ı) (m)	Site		DB
<u>Source</u>							
Source Typ Source Orig Source Dat Confidence Observatio Source Nar Source Det Confiden 1	g: te: e: :: :: me: tails:	Data Surv Geologica 1956-197	al Survey of Canad 72 Urban Geology A	da Automated Informatio Ext RecordID: 07603		Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level	
Source Lis	t						
Source Ide Source Typ Source Dat	be: te:	1 Data Surv 1956-197			Horizontal Datum: Vertical Datum: Projection Name:	NAD27 Mean Average Sea Level Universal Transverse Mercator	
Scale or Re Source Nar Source Orig	me:	Varies	Urban Geology A Geological Surve	Automated Information	on System (UGAIS)		
<u>5</u>	1 of 1		W/5.2	79.9 / -1.00	2973 Navan Rd Ottawa ON K1C7G4		EHS
Order No: Status: Report Typ Report Date		20161014 C Standard 21-OCT-1	Report		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km):	ON .25	
Date Recei Previous S Lot/Buildin Additional	ite Name:	14-OCT-1			X: Y:	-75.523257 45.431974	
Previous S Lot/Buildin	ite Name: g Size:			79.9/-1.00	X:	45.431974	wwis
Previous S Lot/Buildin Additional <u>6</u> Well ID: Constructio	ite Name: g Size: Info Ordered: 1 of 1 on Date:		16 WSW/11.8	79.9 / -1.00	X: Y: 2968 NAVAW RD lot 6 GLOUCESTER ON Data Entry Status: Data Src:	45.431974 6 con 3	wwis
Previous S Lot/Buildin Additional <u>6</u> Well ID: Constructio Primary Wa Sec. Water	ite Name: Info Ordered: 1 of 1 0 Date: ater Use: Use:	7163106 Domestic	16 <b>WSW/11.8</b>	79.9 / -1.00	X: Y: 2968 NAVAW RD lot 6 GLOUCESTER ON Data Entry Status: Data Src: Date Received: Selected Flag:	45.431974	wwis
Previous S Lot/Buildin Additional <u>6</u> Well ID: Constructio Primary Wa Sec. Water Final Well S Water Type Casing Mat	ite Name: Ig Size: Info Ordered: 1 of 1 on Date: ater Use: Use: Status: 2:	7163106 Domestic Water Su	16 <i>WSW/11.8</i> c	79.9 / -1.00	X: Y: 2968 NAVAW RD lot 6 GLOUCESTER ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	45.431974 6 con 3 5/13/2011	wwis
Previous S Lot/Buildin Additional Additional Constructio Primary Wa Sec. Water Final Well S Water Type Casing Mat Audit No: Tag: Constructio Elevation (i Elevation Fi Depth to Bo	ite Name: g Size: Info Ordered: 1 of 1 on Date: ater Use: Use: Status: s: terial: on Method: m): Reliability: edrock:	7163106 Domestic	16 <i>WSW/11.8</i> upply	79.9/-1.00	X: Y: Y: 2968 NAVAW RD lot 0 GLOUCESTER ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	45.431974 <b>6 con 3</b> 5/13/2011 Yes 6006 7 2968 NAVAW RD OTTAWA GLOUCESTER TOWNSHIP 006	wwis
Previous S Lot/Buildin Additional E Mell ID: Construction Primary Wa Sec. Water Final Well S Water Type Casing Mat Audit No: Tag: Construction Elevation fu Elevation fu Elevation F Depth to Bo Well Depth	ite Name: Ig Size: Info Ordered: 1 of 1 on Date: ater Use: Use: Status: Status: terial: on Method: m): Reliability: edrock: : n/Bedrock: : r Level: /N):	7163106 Domestic Water Su Z125162	16 <i>WSW/11.8</i> upply	79.9/-1.00	X: Y: Y: 2968 NAVAW RD lot 6 GLOUCESTER ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info:	45.431974 <b>6 con 3</b> 5/13/2011 Yes 6006 7 2968 NAVAW RD OTTAWA GLOUCESTER TOWNSHIP	WWIS
Previous S Lot/Buildin Additional Additional Mell ID: Construction Primary Wa Sec. Water Final Well S Water Type Casing Mate Audit No: Tag: Construction Flevation (I Elevation (I Elevation F Depth to Ba Well Depth Overburded Pump Rate Static Wate Flowing (Y) Flow Rate:	ite Name: g Size: Info Ordered: 1 of 1 on Date: ater Use: Use: Status: status: terial: on Method: m): edrock: : m/Bedrock: : triality: edrock: : triality: edrock: : triality: edrock: : triality: edrock: : triality: edrock: : triality: edrock: : triality: edrock: : triality: edrock: : triality: edrock: : triality: edrock: : : : : : : : : : : : : :	7163106 Domestic Water Su Z125162	16 WSW/11.8		X: Y: Y: 2968 NAVAW RD lot 0 GLOUCESTER ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	45.431974 <b>6 con 3</b> 5/13/2011 Yes 6006 7 2968 NAVAW RD OTTAWA GLOUCESTER TOWNSHIP 006 03	WWIS
Previous S Lot/Buildin Additional Construction Primary Wa Sec. Water Final Well S Water Type Casing Mat Audit No: Tag: Construction Elevation (I Elevation fa Elevation fa Elevation fa Elevation fa Elevation fa Elevation fa Elevation fa Elevation fa Elevation fa Elevation fa Construction Elevation fa Elevation fa Elevation fa Elevation fa Construction Elevation fa Elevation fa Construction Flow Rate: Clear/Cloud PDF URL (I	ite Name: g Size: Info Ordered: 1 of 1 on Date: ater Use: Use: Status: status: terial: on Method: m): edrock: : m/Bedrock: : triality: edrock: : triality: edrock: : triality: edrock: : triality: edrock: : triality: edrock: : triality: edrock: : triality: edrock: : triality: edrock: : triality: edrock: : triality: edrock: : : : : : : : : : : : : :	7163106 Domestic Water Su Z125162	16 WSW/11.8		X: Y: Y: 2968 NAVAW RD lot 0 GLOUCESTER ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	45.431974 6 <b>con 3</b> 5/13/2011 Yes 6006 7 2968 NAVAW RD OTTAWA GLOUCESTER TOWNSHIP 006 03 OF	WWIS

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Spatial Status	<u>e</u> ,			Zone:	18	
Code OB:	3.			East83:		
					459137	
Code OB Des	SC:			North83:	5031046	
Open Hole:				Org CS:	UTM83	
Cluster Kind:				UTMRC:	3	
		24.4				
Date Complet	ted: 4/14/20	JII		UTMRC Desc:	margin of error : 10 - 30 m	
Remarks:				Location Method:	wwr	
Elevrc Desc:						
Location Sou	ırce Date:					
	t Location Source:					
	t Location Method:					
	sion Comment:					
Supplier Com	nment:					
<u>Overburden a</u>						
<u>Materials Inte</u>	erval					
Formation ID	:	1003821861				
Layer:		6				
Color:		6				
General Colo	и.	BROWN				
Mat1:		17				
Most Commo	on Material:	SHALE				
Mat2:						
Mat2 Desc:						
Mat3:		73				
Mat3 Desc:		HARD				
Formation To		34.55				
Formation En	nd Depth:	36.36				
	nd Depth UOM:	m				
Materials Inte		4000004050				
Formation ID	2	1003821856				
Layer:		1				
Color:		5				
General Colo	or:	YELLOW				
Mat1:		28				
	n Matarial:					
Most Commo	on Material:	SAND				
Most Commo Mat2:	on Material:					
Most Commo Mat2: Mat2 Desc:	on Material:	SAND				
Most Commo	on Material:					
Most Commo Mat2: Mat2 Desc: Mat3:	on Material:	SAND				
Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc:		SAND 85 SOFT				
Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To	op Depth:	SAND 85 SOFT 0				
Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En	op Depth: nd Depth:	SAND 85 SOFT 0 1.52				
Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En	op Depth:	SAND 85 SOFT 0				
Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Overburden a	op Depth: nd Depth: nd Depth UOM: and Bedrock	SAND 85 SOFT 0 1.52				
Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En <u>Overburden a</u> <u>Materials Inte</u>	op Depth: nd Depth: nd Depth UOM: and Bedrock erval	85 SOFT 0 1.52 m				
Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En <u>Overburden a</u> <u>Materials Inte</u> Formation ID.	op Depth: nd Depth: nd Depth UOM: and Bedrock erval	SAND 85 SOFT 0 1.52 m				
Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation Er Formation Er Overburden a <u>Overburden a</u> <u>Materials Inte</u> Formation ID. Layer:	op Depth: nd Depth: nd Depth UOM: and Bedrock erval	SAND 85 SOFT 0 1.52 m 1003821858 3				
Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation Er Formation Er Overburden a <u>Overburden a</u> <u>Materials Inte</u> Formation ID. Layer:	op Depth: nd Depth: nd Depth UOM: and Bedrock erval	SAND 85 SOFT 0 1.52 m 1003821858 3 2				
Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En <u>Overburden a</u> <u>Materials Inte</u> Formation ID Layer: Color:	op Depth: nd Depth: nd Depth UOM: and Bedrock erval	SAND 85 SOFT 0 1.52 m 1003821858 3 2				
Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En <u>Overburden a</u> <u>Materials Inte</u> Formation ID Layer: Color: General Colo	op Depth: nd Depth: nd Depth UOM: and Bedrock erval	SAND 85 SOFT 0 1.52 m 1003821858 3 2 GREY				
Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En Overburden a Materials Inte Formation ID Layer: Color: General Colo Mat1:	op Depth: nd Depth: nd Depth UOM: and Bedrock erval :	SAND 85 SOFT 0 1.52 m 1003821858 3 2 GREY 05				
Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En Overburden a Materials Inte Formation ID Layer: Color: General Colo Mat1: Most Commo	op Depth: nd Depth: nd Depth UOM: and Bedrock erval :	SAND 85 SOFT 0 1.52 m 1003821858 3 2 GREY				
Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En Overburden a Materials Inte Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2:	op Depth: nd Depth: nd Depth UOM: and Bedrock erval :	SAND 85 SOFT 0 1.52 m 1003821858 3 2 GREY 05				
Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En Overburden a Materials Inte Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2:	op Depth: nd Depth: nd Depth UOM: and Bedrock erval :	SAND 85 SOFT 0 1.52 m 1003821858 3 2 GREY 05				
Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En Overburden a Materials Inte Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc:	op Depth: nd Depth: nd Depth UOM: and Bedrock erval :	SAND 85 SOFT 0 1.52 m 1003821858 3 2 GREY 05				
Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En Overburden a Materials Inte Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3:	op Depth: nd Depth: nd Depth UOM: and Bedrock erval :	SAND 85 SOFT 0 1.52 m 1003821858 3 2 GREY 05 CLAY 85				
Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En Overburden a Materials Inte Formation ID. Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc:	op Depth: nd Depth: nd Depth UOM: and Bedrock erval : or: on Material:	SAND 85 SOFT 0 1.52 m 1003821858 3 2 GREY 05 CLAY 85 SOFT				
Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En Overburden a Materials Inte Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3:	op Depth: nd Depth: nd Depth UOM: <u>and Bedrock</u> <u>erval</u> : or: on Material: op Depth:	SAND 85 SOFT 0 1.52 m 1003821858 3 2 GREY 05 CLAY 85				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation E	nd Depth UOM:	m			
<u>Overburden</u> Materials Inte	and Bedrock erval				
Formation ID	):	1003821859			
Layer:		4			
Color:		3			
General Colo	or:	BLUE			
Mat1: Most Commo	n Matariali	05 CLAY			
Mat2:	on material:	CLAY			
Mat2 Desc: Mat3:		05			
Mat3: Mat3 Desc:		85 SOFT			
Formation To	on Denth:	14.55			
Formation E	nd Depth:	28.18			
	nd Depth UOM:	m			
<u>Overburden</u> Materials Inte	and Bedrock				
Formation ID		1003821860			
Layer:		5			
Color:		6			
General Cold	or:	BROWN			
Mat1:		11			
Most Commo	on Material:	GRAVEL			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		17			
Mat3 Desc:	an Danéha	SHALE 28.18			
Formation To Formation E		28.18 34.55			
	nd Depth UOM:	m			
	and Bedrock				
Materials Inte	erval				
Formation ID	):	1003821857			
Layer:		2			
Color:		6 BROWN			
General Colo Mat1:	и.	05			
Most Commo	on Material	CLAY			
Mat2: Mat2 Desc:	n material.	OL/1			
Mat2: Desc.		85			
Mat3 Desc:		SOFT			
Formation Te	op Depth:	1.52			
Formation E	nd Depth:	5.15			
	nd Depth UOM:	m			
<u>Annular Spa</u> Sealing Reco	<u>ce/Abandonment</u> ord				
Plug ID:		1003821889			
Layer:		1			
Plug From:		0			
Plug To:		6.06			
Plug Depth L	IOM:	m			
- •					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	Di
<u>Method of Co Use</u>	onstruction & Well				
Method Con	struction ID:	1003821887			
Method Cons	struction Code:	4			
Method Cons	struction:	Rotary (Air)			
Other Metho	d Construction:				
<u>Pipe Informa</u>	<u>ation</u>				
Pipe ID:		1003821854			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction</u>	n Record - Casing				
Casing ID:		1003821865			
Layer:		1			
Material:		1			
Open Hole o		STEEL			
Depth From:		.5			
Depth To:		34.55			
Casing Diam Casing Diam		15.55 cm			
Casing Dept		m			
<u>Construction</u>	n Record - Screen				
Screen ID:		1003821866			
Layer:					
Slot:					
Screen Top	Depth:				
Screen End					
Screen Mate		~			
Screen Dept Screen Diam	n oow. heter UOM:	m cm			
Screen Diam		CIT			
<u>Results of W</u>	/ell Yield Testing				
Pump Test II	D:	1003821855			
Pump Set At		33.33			
Static Level:		10.8			

Pump Set At:	33.33
Static Level:	10.8
Final Level After Pumping:	11.73
Recommended Pump Depth:	33.33
Pumping Rate:	45
Flowing Rate:	
Recommended Pump Rate:	45
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	0
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	

#### Draw Down & Recovery

46

Pump Test Detail ID:	
Test Type:	

1003821882 Draw Down

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	Ľ	ЭB
Test Duration	n:	30				
Test Level:		11.71				
Test Level U	OM:	m				
<u>Draw Down 8</u>	& Recovery					
Pump Test D	etail ID:	1003821884				
Test Type:		Draw Down				
Test Duration	n:	50				
Test Level: Test Level U	OM-	11.73 m				
lest Level 0	011.					
<u>Draw Down &amp;</u>	& Recovery					
Pump Test D	etail ID:	1003821877				
Test Type:		Draw Down				
Test Duration Test Level:	า:	10 11.62				
Test Level U	ом <sup>.</sup>	m				
<u>Draw Down &amp;</u>	& Recovery					
Pump Test D	etail ID:	1003821874				
Test Type:		Recovery				
Test Duratior Test Level:	1:	4 10.96				
Test Level U	ОМ:	m				
<u>Draw Down 8</u>	<u>&amp; Recovery</u>					
Pump Test D	etail ID:	1003821867				
Test Type:	_	Draw Down				
Test Duratior Test Level:	n:	1 11.44				
Test Level U	ОМ:	m				
<u>Draw Down &amp;</u>	<u>&amp; Recovery</u>					
Pump Test D	etail ID:	1003821885				
Test Type: Test Duratior	<b>.</b> .	Draw Down 60				
Test Level:	1.	11.73				
Test Level U	ОМ:	m				
<u>Draw Down &amp;</u>	& Recovery					
		1002024070				
Pump Test D Test Type:	etali ID:	1003821872 Recovery				
Test Duration	n:	3				
Test Level:		10.98				
Test Level U	ОМ:	m				
Draw Down &	& Recovery					
Pump Test D	etail ID <sup>.</sup>	1003821883				
Test Type:		Draw Down				
Test Duration	n:	40				
Test Level:		11.72				
Test Level U	ОМ:	m				
	erisinfo.com I Er	nvironmental Risk Info	rmation Service	S	Order No: 2103100006	38
47					Order 140. 2103100000	.0

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Draw Down a	& Recovery				
Pump Test D	etail ID:	1003821879			
Test Type:		Draw Down			
Test Duration Test Level:	n:	15 11.64			
Test Level U	ОМ:	m			
Draw Down a	& Recovery				
Pump Test D	etail ID:	1003821871			
Test Type: Test Duration	n:	Draw Down 3			
Test Level:		11.54			
Test Level U	ОМ:	m			
Draw Down 8	& Recovery				
Pump Test D	etail ID:	1003821881			
Test Type:		Draw Down 25			
Test Duration Test Level:	n:	11.67			
Test Level U	ОМ:	m			
<u>Draw Down a</u>	& Recovery				
Pump Test D	etail ID:	1003821878			
Test Type:		Recovery 10			
Test Duration Test Level:	n:	10.8			
Test Level U	ОМ:	m			
Draw Down 8	& Recovery				
Pump Test D	etail ID:	1003821876			
Test Type:		Recovery			
Test Duration Test Level:	n:	5 10.94			
Test Level U	ОМ:	m			
<u>Draw Down a</u>	& Recovery				
Pump Test D	etail ID:	1003821873			
Test Type:		Draw Down 4			
Test Duration Test Level:	n:	4 11.56			
Test Level U	ОМ:	m			
Draw Down a	& Recovery				
Pump Test D	etail ID:	1003821875			
Test Type:		Draw Down			
Test Duration Test Level:	n:	5 11.57			
Test Level U	ОМ:	m			
<u>Draw Down a</u>	& Recovery				
Pump Test D	Detail ID:	1003821870			
					<u> </u>
48	erisinto.com   En	vironmental Risk Info	rmation Service	es	Order No: 21031000068

Test Dural:         Recovery           Test Level         11           Test Level UOM:         m           Draw Down & Recovery         Pump Test Detail ID:         1003821968           Test Level         11.03           Test Level         11.03           Test Level UOM:         m           Draw Down & Recovery         Pump Test Detail ID:         1003821860           Test Level UOM:         m           Draw Down & Recovery         Pump Test Detail ID:         1003821860           Test Level UOM:         m         m           Draw Down & Recovery         Pump Test Detail ID:         1003821860           Test Level UOM:         m         m           Draw Down & Recovery         Pump Test Detail ID:         1003821869           Test Level UOM:         m         m           Made Detail ID:         1003821864         Exper:           Layer:         1         1           Kind Code:         1         1003821864           Layer:         1         1           Kind Code:         1         1003821862           Dometer:         1         55           Depth Ton:         3         3           Dometer:	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Test Levei Lowie de la lieur de la d							
<section-header>      Text Level UOW:     m       Data Down A Recovery       Name of A Detail ID:     10032185       Text Level To:     10032185       Text To:     155       To:     155       To:     155       To:     10032185       Text To:     155       To:     10032185       Text To:     10032185       To:</section-header>		1:					
<section-header>     You Down A feering     You Down A feering</section-header>							
Way Test Dettin III:NOV3821963 RecoveryTest Dettin III:NOV3821963 RecoveryDettin Dettin III:NOV3821963 Dettin IIII:Dettin Dettin III:NOV3821963 Dettin IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Test Level UC	DM:	m				
Tex Lovei se Receive Tex Lovei se Association and a second and a sec	<u>Draw Down &amp;</u>	Recovery					
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Test Level UOM: m   Car Down & Recovery   Dimp Test Detail ID: 1003821880   Test Duration: a:   Detail Down & Recovery   Pump Test Detail ID: Diraw Down Test Duration: Test Duratio		): 					
<section-header>          Max Dava Recover           Prime Sea Deal MS: Max Down           Rest Developing: Sea Dear Down           Rest Level Size: Sea Dear Down           Developing: Dear Down           Rest Developing: Dear Down           Max Developing: Dear Down           Rest Developing: Dear Down           Rest Developing: Dear Down           Max Developing: Dear Down<td></td><td><i>م</i>رد</td><td></td><td></td><td></td><td></td><td></td></section-header>		<i>م</i> رد					
In the set of the set	lest Level ot	<i>JWI.</i>					
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Test Level 11.66   Test Level UOM: 10   Daw Down & Recovery   Pump Test Detail ID: 1003321869   Test Type: Draw Down   Test Duration: 2   Test Level UOM: 10   Water Detail ID: 1003321864   Layer: 1   Kind Code: 1   Kind: 1003321864   Layer: 1   Kind: 1003321864   Layer: 1   Water Dound Depth UOM: n   Hole Diameter Hole Diameter: Monomater: <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
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Purp Set Network         Purp Set Network       Down Down         Set Duration:       2         Part Network       1003821864         Set Set Levi Dir:       1003821864         Large:       1         Wind Code:       1         Wi		OM:					
Test Derail D:       1003821869         Test Duration:       2         Test Levei       1.52         Test Levei       m         Water Details         Water Found Depth WOM: m         Mole Depth WOM: m         Mole Depth WOM: m         Depth Form: 0         Depth Form: 0         Depth Pom: 0         Bott Levei 1003821863         Depth Form: 34.55         Depth Form: 34.55         Depth Form: 35.5         Depth Form: 35.5         Depth Form: 35.5         Depth Form: 35.5         Depth For							
Test Type:       Draw Down         Test Duration:       2         Test Level:       11.52         Test Level:       11.52         Test Level:       m         Water Details         Water Details         Water Dot:       1         Kind:       FRESH         Layer:       1         Kind:       FRESH         Water Found Depth:       34.55         Water Found Depth:       003821862         Diameter:       15.55         Depth Form:       0         Depth Form:       34.55         Depth Form:       34.55         Depth Form:       35.5         Depth Form:       35.5         Depth Form:       35.5         Depth Form:       35.5         Depth Form:       36.36         Depth Tor:       36.36         Depth Tor:       36.36         Depth Tor: <td>Draw Down &amp;</td> <td><u>Recovery</u></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Draw Down &	<u>Recovery</u>					
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Test Level:       11.52         Test Level UOM:       m         Water DetailS         Water DD:       1003821864         Layer:       1         Kind Code:       1         Water Found Depth:       34.55         Water Found Depth UOM:       m         Hole Diameter       0         Diameter:       15.55         Depth Form:       0         Vale Diameter       15.55         Dolameter       0         Hole Diameter       1003821863         Dolameter:       15.55         Depth Form:       34.55         Depth Form:       34.55         Depth Form:       34.55         Depth To:       36.36         Hole Diameter UOM:       m         Hole Diameter UOM:       m         To:       36.36         Hole Diameter UOM:       m         Hole Diameter UOM:       m							
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Water Details           Water Dir.         1003821864           Layer:         1           Kind Code:         1           Kind Code:         34.55           Water Found Depth:         34.55           Water Found Depth UOM:         m           Hole Diameter         1003821862           Diameter:         15.55           Depth Form:         0           Depth To:         34.55           Hole Diameter UOM:         m           Hole Diameter         0           Depth To:         34.55           Diameter:         0           Depth To:         34.55           Depth To:         34.55           Depth To:         34.55           Depth To:         36.36           Depth DUM:         m           Mide Depth UOM:         m           Diameter:         36.36           Depth To:         36.36           Depth To:         36.36           Mide Depth UOM:         m		о <i>м-</i>					
Mater ID:       1003821864         Laye:       1         Kind Code:       1         Kind:       FRESH         Water Found Depth:       34.55         Water Found Depth:       34.55         Water Found Depth:       1003821862         Diameter:       0         Depth From:       0         Depth From:       0         Bole Diameter       0         Hole Diameter       0         Hole Diameter       0         Bole Diameter UOM:       m         Hole Diameter:       1003821863         Diameter:       34.55         Depth From:       34.35         Depth From:       34.35         Depth From:       36.36         Hole Diameter UOM:       m         Mole Diameter UOM:       m         Mole Diameter UOM:       m							
Layer:       1         Kind Code:       1         Kind:       FRESH         Water Found Depth:       34.55         Water Found Depth UOM:       m         Hole Diameter         Hole Diameter:         Mode ID:         003821862         Diameter:       15.55         Depth From:       0         Depth From:       0         Hole Diameter UOM:       m         Hole Diameter       1003821863         Diameter:       15.55         Depth From:       34.55         Depth From:       34.55         Depth From:       34.55         Depth To:       36.36         Depth To:       36.36         Hole Depth UOM:       m         Hole Diameter UOM:       m         To:       36.36         Hole Diameter UOM:       m         Hole Diameter UOM:       m         To:       36.36         Hole Diameter UOM:       m         To:       101         WSW/26.7       79.9/-1.00         ON       M	Water Details	i					
Xind Code:       1         Kind:       FRESH         Water Found Depth:       34.55         Water Found Depth UOM:       m         Hole Diameter       1003821862         Diameter:       15.55         Depth From:       0         Depth To:       34.55         Hole Diameter UOM:       m         Hole Diameter UOM:       m         Hole Diameter UOM:       m         Hole Diameter UOM:       m         Hole Diameter UOM:       cm         Hole Diameter UOM:       10:03821863         Diameter:       15:55         Depth To:       36:36         Hole Diameter UOM:       m         Hole Diameter UOM:       m         You SW26.7       79:9/-1.00							
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Depth To:       34.55         Hole Depth UOM:       m         Hole Diameter UOM:       cm         Hole Diameter       1003821863         Diameter:       15.55         Depth From:       34.55         Depth To:       36.36         Hole Diameter UOM:       m         Hole Diameter:       15.55         Depth From:       36.36         Hole Diameter UOM:       m         Hole Diameter UOM:       cm         I of 1       WSW/26.7       79.9/-1.00         ON       BORI							
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Hole Diameter       1003821863         Diameter:       15.55         Depth From:       34.55         Depth To:       36.36         Hole Depth UOM:       m         Hole Diameter UOM:       cm         1 of 1       WSW/26.7       79.9/-1.00         ON       BORN	Hole Depth U Hole Diamete	OM: or UOM·					
Hole ID:       1003821863         Diameter:       15.55         Depth From:       34.55         Depth To:       36.36         Hole Depth UOM:       m         Hole Diameter UOM:       cm         1       1 of 1       WSW/26.7       79.9 / -1.00         ON       BORE			011				
Diameter:       15.55         Depth From:       34.55         Depth To:       36.36         Hole Depth UOM:       m         Hole Diameter UOM:       cm         1 of 1       WSW/26.7       79.9 / -1.00         ON       BORI	<u>Hole Diamete</u>	<u>er</u>					
Depth From:         34.55           Depth To:         36.36           Hole Depth UOM:         m           Hole Diameter UOM:         cm           1 of 1         WSW/26.7         79.9 / -1.00           ON         BORI							
Depth To:         36.36           Hole Depth UOM:         m           Hole Diameter UOM:         cm           T         1 of 1         WSW/26.7         79.9 / -1.00         BORI           ON         BORI							
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- ON BORE							
ON CN	7	1 of 1	WSW/26.7	79.9/-1.00	<b>.</b>		BORE
Borehole ID: 615097 Inclin FLG: No		0.15					
	Borehole ID:	615	097		Inclin FLG:	No	

OGF ID:215516039Status:Type:BoreholeUse:Completion Date:SEP-1970Static Water Level:Primary Water Use:Sec. Water Use:Ground ElverPrimary Water Use:Sec. Water Use:Sec. Water Use:Ground ElverDepth Ref:Ground SurfaceDepth Ref:Ground ElverDeff Ground Elver82.3Elev Reliabil Note:DEM Ground ElverDEM Ground Elver84.7Concession:Location D:Survey D:Comments:Borehole Geology StratumGeology Stratum ID:Call Color:WhiteMaterial Color:WhiteMaterial 1:SandMaterial 2:Material 3:Material 3:Material 4:Geology Stratum ID:218400410Top Depth:1.8Bottom Depth:1.8Bottom Depth:1.8Bottom Depth:1.8Bottom Depth:1.8Material 2:Material 3:Material 4:Geology Stratum ID:218400410Top Depth:32Material 4:Gsc Material Description:Stratum	Site
Type:BoreholeUse:SEP-1970Static Water Level:Finary Water Use:Primary Water Use:Sec. Water Use:Total Depth m:47.5Depth Ref:Ground SurfaceDepth Ilev:Ground SurfaceDrill Method:Static Water Use:Orig Ground Elev m:82.3Elev Reliabil Note:Elev Reliabil Note:DEM ForceStatic Water Use:Concession:Static Water Use:Concession:Static Water Use:Survey D:Comments:Borehole Geology StratumGeology Stratum ID:Geology Stratum ID:218400409Top Depth:0Bottom Depth:1.8Material 2:SandMaterial 4:SandGeology Stratum ID:218400410Top Depth:1.8Bottom Depth:1.8Bottom Depth:3.2Material 2:GreyMaterial 3:SandMaterial 4:Geology Stratum ID:Stratum Description:CLAY. GREY.Geology Stratum ID:218400411Top Depth:32Bottom Depth:32Bottom Depth:36Material 3:GravelMaterial 4:Geology Stratum ID:Stratum Description:GravelStratum Description:GravelMaterial 1:GravelMaterial 2:GravelMaterial 1:GravelMaterial 2:GravelMaterial 3:SandMaterial 4:Gravel<	SP Status: Initial Entry
Wse:       SEP-1970         Completion Date:       SEP-1970         Static Water Level:       Ground Surface         Primary Water Use:       Ground Surface         Depth Ref:       Ground Surface         Depth Ref:       Ground Surface         Depth Ref:       Ground Surface         Depth Ref:       Borton Surface         Depth Ref:       Borton Surface         Dill Method:       Drig Ground Elev m:         Orig Ground Elev m:       84.7         Concession:       Location D:         Survey D:       Comments:         Borehole Geology Stratum       D         Geology Stratum ID:       218400409         Top Depth:       0         Bottom Depth:       1.8         Material 1:       Sand         Material 3:       Waterial 3:         Waterial 4:       Geology Stratum ID:       218400410         Top Depth:       1.8         Bottom Depth:       32         Material Color:       Grey         Waterial 3:       Material 3:         Waterial 4:       Geology Stratum ID:       218400411         Top Depth:       32         Bottom Depth:       32	Surv Elev: No
Completion Date: SEP-1970 Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 47.5 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 82.3 Elev Reliabil Note: DEM Ground Elev m: 84.7 Concession: Location D: Survey D: Comments: Borehole Geology Stratum Geology Stratum ID: 218400409 Top Depth: 0 Bottom Depth: 1.8 Material Color: White Material 2: Material 2: Stratum Description: Stratum Description: Stratur Description: Stratum Description:	Piezometer: No
Static Water Level: Primary Water Use: Sc. Water Use: Total Depth m: 47.5 Depth Ref: Ground Surface Depth Elev: Drill Method: Drill Ground Elev m: 82.3 Elev Reliabi Note: DEM Ground Elev m: 84.7 Concession: Location D: Survey D: Comments: Borehole Geology Stratum Geology Stratum ID: 218400409 Top Depth: 0 Bottom Depth: 1.8 Waterial Color: White Waterial 2: Waterial 3: Waterial 2: Stratum Description: Stratum Descr	Primary Name:
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Material 3:	Geologic Formation:
	Geologic Group:
Material 4:	Geologic Period:
	Depositional Gen:
Gsc Material Description:	

	mber of cords	Direction/ Distance (m	Elev/Diff ) (m)	Site		D
		records provided	by the department	have a truncated [Stratum I	Description] field.	
Source						
Source Type:	Data Su	urvev		Source Appl:	Spatial/Tabular	
Source Orig:		ical Survey of Cana	da	Source Iden:	1	
Source Date:	1956-19			Scale or Res:	Varies	
Confidence:				Horizontal:	NAD27	
Observatio:				Verticalda:	Mean Average Sea Level	
Source Name:		Urban Geology A	utomated Informati	on System (UGAIS)	-	
Source Details:		File: OTTAWA2.t	xt RecordID: 07605	5 NTS_Sheet:		
Confiden 1:						
Source List						
Source Identifier:	1 Doto Si			Horizontal Datum:	NAD27 Maan Average See Level	
Source Type:	Data Su			Vertical Datum:	Mean Average Sea Level Universal Transverse Mercator	
Source Date: Scale or Resolution	1956-19 <b>n:</b> Varies	912		Projection Name:	Universal transverse Mercator	
Scale of Resolution Source Name:	n. vanes	Lirhan Geology A	utomated Informati	on System (UGAIS)		
Source Name. Source Originators	S:	Geological Surve				
<u>8</u> 1 of <sup>1</sup>	1	WSW/26.9	79.9 / -1.00	lot 6 con 3 ON		w
Well ID:	151090	6		Data Entry Status:		
Construction Date:		•		Data Src:	1	
Primary Water Use	_	tic		Date Received:	11/4/1970	
Sec. Water Use:	0			Selected Flag:	Yes	
Final Well Status:	Water S	Supply		Abandonment Rec:		
Water Type:				Contractor:	3504	
Casing Material:				Form Version:	1	
Audit No:				Owner:		
Tag:				Street Name:		
Construction Meth	od:			County:	OTTAWA	
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP	
Elevation Reliabilit	y:			Site Info:		
Depth to Bedrock:				Lot:	006	
Well Depth:	_			Concession:	03	
Overburden/Bedro	ck:			Concession Name:	OF	
Pump Rate:				Easting NAD83:		
Static Water Level:				Northing NAD83:		
Flowing (Y/N):				Zone:		
Flow Rate: Clear/Cloudy:				UTM Reliability:		
PDF URL (Map):		https://d2khazk8e	e83rdv.cloudfront.ne	et/moe_mapping/downloads	s/2Water/Wells_pdfs/151\1510906.pdf	
Bore Hole Informat	<u>tion</u>					
Bore Hole ID:	100329	09		Elevation:	84.741081	
DP2BR:	118			Elevrc:	40	
Spatial Status:				Zone:	18	
Code OB:	r			East83:	459130.8	
Code OB Desc:	Bedrock	к		North83:	5031032	
Open Hole:				Org CS:	4	
Cluster Kind:	0/00/40	70		UTMRC:	4 margin of arror : 20 m 100 m	
Date Completed:	9/29/19	10		UTMRC Desc: Location Method:	margin of error : 30 m - 100 m p4	
Remarks:				I OCATION MOTHOd'	1144	

Location Method:

9/29/1970 Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source:

51

p4

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvemen Source Revis Supplier Con	t Location Method: sion Comment: nment:				
Overburden Materials Inte	and Bedrock erval				
Formation ID	).	931016148			
Layer:	-	2			
Color:		2			
General Colo Mat1:	or:	GREY 05			
Most Commo	on Material:	CLAY			
Mat2:					
Mat2 Desc:					
Mat3: Mat3 Desc:					
Formation To	op Depth:	6			
Formation E	nd Depth:	105			
Formation E	nd Depth UOM:	ft			
<u>Overburden</u> Materials Inte	<u>and Bedrock</u> erval				
Formation ID	):	931016147			
Layer:		1			
Color: General Colo		7 RED			
Mat1:	л.	09			
Most Commo	on Material:	MEDIUM SAND			
Mat2:					
Mat2 Desc: Mat3:					
Mat3 Desc:					
Formation To	op Depth:	0			
Formation E		6			
Formation E	nd Depth UOM:	ft			
Overburden Materials Inte	<u>and Bedrock</u> erval				
Formation ID	);	931016149			
Layer:		3			
Color: General Colo					
Mat1:	л.	11			
Most Commo	on Material:	GRAVEL			
Mat2:					
Mat2 Desc: Mat3:					
Mat3 Desc:					
Formation To	op Depth:	105			
Formation El Formation El	nd Depth: nd Depth UOM:	118 ft			
Overburden Materials Inte	and Bedrock				
		021016150			
Formation ID Layer:	):	931016150 4			
Color:		8			
General Colo	or:	BLACK			

17 SHALE 118 156 OM: ft 961510906 ode: 1 Cable Tool tion: 10581479 1				
156 OM: ft <b>&amp; Well</b> <b>b:</b> 961510906 <b>ode:</b> 1 Cable Tool <b>tion:</b> 10581479				
156 OM: ft <b>&amp; Well</b> <b>b:</b> 961510906 <b>ode:</b> 1 Cable Tool <b>tion:</b> 10581479				
156 OM: ft <b>&amp; Well</b> <b>b:</b> 961510906 <b>ode:</b> 1 Cable Tool <b>tion:</b> 10581479				
156 OM: ft <b>&amp; Well</b> <b>b:</b> 961510906 <b>ode:</b> 1 Cable Tool <b>tion:</b> 10581479				
OM:       ft         • & Well       961510906         ode:       1         Cable Tool         tion:         10581479				
0: 961510906 ode: 1 Cable Tool tion: 10581479				
ode: 1 Cable Tool tion: 10581479				
Cable Tool tion: 10581479				
<i>tion:</i> 10581479				
1				
Casing				
930058363				
STEEL				
118				
6				
inch				
ft				
Casing				
930058364				
156				
inch				
ft				
esting				
991510906				
A <b>7</b>				
10				
_				
ate: 7				
Code: 2				
	<b>Sasing</b> 930058363         1         1         STEEL         118         6         inch         ft         930058364         2         4         OPEN HOLE         156         inch         ft         991510906         47         51         70         10         ate:       7         ft         Sode:       2	Streel       930058363         1       1         STEEL       118         6       inch         inch       1         tt       930058364         2       4         OPEN HOLE       156         inch       1         sting       991510906         ate:       7         ft       70         10       10         ate:       7         ft       GPM         sode:       2	2asing       930058363         1       1         STEEL       118         118       6         inch       1         t       930058364         2       4         OPEN HOLE       156         inch       1         sting       991510906         ate:       7         ft       70         10       10	Sasing       930058363         1       1         STEEL       118         6       6         inch       1         t       930058364         2       4         OPEN HOLE       156         inch       1         tt       991510906         rg:       51         sting       91510906         rg:       70         10       10         ate:       7         GPM       2         code:       2

Мар Кеу	Number Records	of Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State A Pumping Tes Pumping Du Pumping Du Flowing:	st Method: ration HR:	CLOUDY 2 1 0 No			
<u>Draw Down a</u>	<u>&amp; Recovery</u>				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	934097460 Recovery 15 47 ft			
Draw Down &	<u>&amp; Recovery</u>				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	934642189 Recovery 45 47 ft			
<u>Draw Down a</u>	<u>&amp; Recovery</u>				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	934381168 Recovery 30 47 ft			
<u>Draw Down a</u>	<u>&amp; Recovery</u>				
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	934899113 Recovery 60 47 ft			
Water Details	<u>s</u>				
Water ID: Layer: Kind Code: Kind: Water Found Water Found	l Depth: I Depth UOM	933465954 1 FRESH 150 ft			
<u>9</u>	1 of 1	ESE/27.8	79.9 / -1.00	BUS NAVAN VILLAGE, NAVAN RD & PAGE RD. MOTOR VEHICLE (OPERATING FLUID) CUMBERLAND TOWNSHIP ON	SPL
Ref No: Site No: Incident Dt: Year: Incident Cau Incident Eve Contaminant Contaminant Contaminant	se: nt: t Code: t Name:	123268 2/2/1996 PIPE/HOSE LEAK		Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office:	

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District:		NOT ANTICI LAND 2/2/1996 EQUIPMENT			Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	20601 GLOUCESTER WORKS DEPT	
Site County, Site Geo Re Incident Su Contaminar	ef Meth: mmary:	OC	TRANSPORTAT	TION BUS- 5 LIT	RE HYDRAULIC OIL TO RO	DAD. WORKS CLEANING.	
<u>10</u>	1 of 1	И	//43.6	80.2 / -0.69	CHAPEL HILL BRIAN lot 6 con 3 Ottawa ON	N COBURN ROAD BH17-02	wwis
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status:		7338724 Abandoned-C	Dther		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec:	8/2/2019 Yes Yes	

Construction Method:

Z256657

A191634

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

Water Type:

Audit No:

Tag:

Casing Material:

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/733\7338724.pdf

Contractor:

Owner:

County:

Site Info:

Lot:

Zone:

Form Version:

Street Name:

Municipality:

Concession:

**Concession Name:** 

Easting NAD83:

UTM Reliability:

Northing NAD83:

1558

CHAPEL HILL BRIAN COBURN ROAD BH17-

GLOUCESTER TOWNSHIP

7

02 OTTAWA

006

03 OF

#### Bore Hole Information

Improvement Location Method: Source Revision Comment: Supplier Comment:

PDF URL (Map):

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc:	1007586439	Elevation: Elevrc: Zone: East83: North83:	18 459071 5031147 UTM83
Open Hole: Cluster Kind: Date Completed:	12/13/2018	Org CS: UTMRC: UTMRC Desc:	4 margin of error : 30 m - 100 m
Remarks: Elevrc Desc: Location Source Dat Improvement Locati		Location Method:	wwr

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	Di
Annular Space Sealing Reco	ce/Abandonment				
Sealing Reco	<u>nu</u>				
Plug ID:		1007977693			
Layer:		1			
Plug From:		10.05			
Plug To:		0			
Plug Depth U	IOM:	m			
Pipe Informa	tion				
Pipe ID:		1007975294			
Casing No:		0			
Comment:					
Alt Name:					
Results of W	ell Yield Testing				
Pump Test ID	):	1007980484			
Pump Set At:	•				
Static Level:					
Final Level A	fter Pumping:				
	ed Pump Depth:				
Pumping Rat	e:				
Flowing Rate	:				
Recommende	ed Pump Rate:				
Levels UOM:		m			
Rate UOM:		LPM			
	After Test Code:				
Water State A					
Pumping Tes	t Method:	0			
Pumping Dur					
Pumping Dur	ration MIN:				
Flowing:					

ON	BORE
Borehole ID: 615087 Inclin FLG: No	
OGF ID: 215516029 SP Status: Initial Entry	
Status: Surv Elev: No	
Type: Borehole Piezometer: No	
Use: Primary Name:	
Completion Date: Municipality:	
Static Water Level: 9.5 Lot:	
Primary Water Use: Township:	
Sec. Water Use: Latitude DD: 45.430378	
Total Depth m:         -999         Longitude DD:         -75.517868	
Depth Ref:Ground SurfaceUTM Zone:18	
Depth Elev: Easting: 459491	
Drill Method: Northing: 5030892	
Orig Ground Elev m: 79.2 Location Accuracy:	
Elev Reliabil Note: Accuracy: Not Applicable	
DEM Ground Elev m: 79.8	
Concession:	
Location D:	
Survey D:	
Comments:	

## Borehole Geology Stratum

Geology Stratum ID: 2

**D:** 218400374

Mat Consistency:

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Top Depth:		29			Material Moisture:	
Bottom Depth					Material Texture:	
Material Colo	r:	Red			Non Geo Mat Type:	
Material 1:		Bedrock			Geologic Formation:	
Material 2:		Shale			Geologic Group:	
Material 3:					Geologic Period:	
Material 4:					Depositional Gen:	
Gsc Material	Description					
Stratum Desc	ription:				40008910030RED. 0000500 have a truncated [Stratum De	04000300540190100 020 00065 **Note: Many escription] field.
Geology Stra	tum ID:	21840037	2		Mat Consistency:	
Top Depth:		0			Material Moisture:	
Bottom Depth	n:	17.7			Material Texture:	
Material Colo	r:				Non Geo Mat Type:	
Material 1:		Clay			Geologic Formation:	
Material 2:					Geologic Group:	
Material 3:					Geologic Period:	
Material 4:					Depositional Gen:	
Gsc Material	Description	c				
Stratum Desc			CLAY.			
Geology Stra	tum ID:	21840037	3		Mat Consistency:	
Top Depth:		17.7			Material Moisture:	
Bottom Dept	n:	29			Material Texture:	
Material Colo		-			Non Geo Mat Type:	
Material 1:		Gravel			Geologic Formation:	
Material 2:					Geologic Group:	
Material 3:					Geologic Period:	
Material 4:					Depositional Gen:	
Gsc Material	Description	:				
Stratum Desc	•		GRAVEL. WATER S	TABLE AT 228.9	9 FEET.	
<u>Source</u>						
Source Type:		Data Surv	rey		Source Appl:	Spatial/Tabular
Source Orig:		Geologica	I Survey of Canada		Source Iden:	1
Source Date:		1956-1972			Scale or Res:	Varies
Confidence:		Μ			Horizontal:	NAD27
Observatio:					Verticalda:	Mean Average Sea Level
Source Name	c.		Urban Geology Auto	mated Informatio	on System (UGAIS)	ů.
Source Detail	s:				0 NTS_Sheet: 31G05H	
Confiden 1:			Reliable information		-	
<u>Source List</u>						
Source Identi	fior	1			Horizontal Datum:	NAD27
Source Type:		Data Surv	101/		Vertical Datum:	
••		1956-1972				Mean Average Sea Level Universal Transverse Mercator
Source Date:		Varies	2		Projection Name:	Universal Transverse Mercator
Scale or Reso Source Name			Lirbon Coology Auto	motod Informatic	an Sylatom (LICAIS)	
			Urban Geology Auto		on System (UGAIS)	
Source Origir	lators:		Geological Survey of	Canada		
<u>12</u>	1 of 1		E/44.6	80.9 / 0.00	lot 6 con 3 ON	WWIS
Well ID:		1501453			Data Entry Status:	
Construction	Date:				Data Src:	1
Primary Wate		Domestic			Date Received:	11/30/1965
Sec. Water Us		0			Selected Flag:	Yes
Final Well Sta		Water Sup	vlac		Abandonment Rec:	
Water Type:					Contractor:	1504
Casing Mater	ial:				Form Version:	1
caoning mater						•

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		
Audit No:				Owner:		
Tag:				Street Name:		
Construction	n Method:			County:	OTTAWA	
Elevation (m	):			Municipality:	GLOUCESTER TOWNSHIP	
Elevation Re	liability:			Site Info:		
Depth to Bec	lrock:			Lot:	006	
Well Depth:				Concession:	03	
Overburden/	Bedrock:			Concession Name:	OF	
Pump Rate:				Easting NAD83:		
Static Water	Level:			Northing NAD83:		
Flowing (Y/N	I):			Zone:		
Flow Rate:	,			UTM Reliability:		
Clear/Cloudy	<i>ı</i> :					

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/150\1501453.pdf

# Bore Hole Information

Bore Hole ID: DP2BR:	10023496 96	Elevation: Elevrc:	82.905914
Spatial Status:		Zone:	18
Code OB:	r	East83:	459435.8
Code OB Desc:	Bedrock	North83:	5031072
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	9/2/1965	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date Improvement Location Improvement Location	on Source:		

Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	930991866 3 6 BROWN 19 SLATE
Mats: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	96 103 ft

# Overburden and Bedrock

	Materia	ls In	terval
--	---------	-------	--------

Formation ID:	930991864
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2: Mat2 Desc: Mat3:	

DB

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:					
Formation To Formation El		0 90			
	nd Depth UOM:	ft			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID	):	930991865			
Layer:		2			
Color: General Colo	or:				
Mat1:		11			
Most Commo Mat2: Mat2 Desc: Mat3:	on Material:	GRAVEL			
Mat3 Desc:					
Formation To	op Depth:	90			
Formation El Formation El	nd Depth: nd Depth UOM:	96 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction ID:	961501453			
Method Cons	struction Code: struction: d Construction:	7 Diamond			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10572066 1			
<b>Construction</b>	Record - Casing				
Casing ID:		930039871			
Layer:		1			
Material: Open Hole o	r Mətorial:				
Depth From:	Malenai.				
Depth To:		96			
Casing Diam	eter:	2 inch			
Casing Diam Casing Deptl		ft			
<u>Construction</u>	Record - Casing				
Casing ID:		930039872			
Layer: Matorial:		2 4			
Material: Open Hole of	r Material:	4 OPEN HOLE			
Depth From:					
Depth To:		103			
Casing Diam Casing Diam	eter: eter UOM:	2 inch			
Casing Depti		ft			

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Results of W	ell Yield Te	<u>sting</u>					
Pump Test II			991501453				
Pump Set At	:						
Static Level:			35				
Final Level A	After Pumpii	ng:	60				
Recommend			60				
Pumping Ra		•	10				
Flowing Rate							
Recommend		ate:	6				
Levels UOM:	-		ft				
Rate UOM:			GPM				
Water State	After Test C	ode.	1				
Water State		oue.	CLEAR				
Pumping Tes			1				
			2				
Pumping Du			0				
Pumping Du	ration win:		-				
Flowing:			No				
Water Details	<u>s</u>						
Water ID:			933454160				
Layer:			1				
Kind Code:			1				
Kind:			FRESH				
Water Found	l Denth		103				
Water Found		M-	ft				
<u>13</u>	1 of 1		E/47.4	80.9 / 0.00	lot 5 con 3 ON		www
Well ID:		1511514			Data Entry Status:		
Construction	Data	1511514			Data Entry Status. Data Src:	1	
		Domostic					
Primary Wat		Domestic	;		Date Received:	12/22/1971	
Sec. Water U		0			Selected Flag:	Yes	
Final Well St	atus:	Water Su	ірріу		Abandonment Rec:		
Water Type:					Contractor:	1504	
Casing Mate	rial:				Form Version:	1	
Audit No:					Owner:		
Tag:					Street Name:		
Constructior					County:	OTTAWA	
Elevation (m	):				Municipality:	GLOUCESTER TOWNSHIP	
Elevation Re					Site Info:		
Depth to Bed					Lot:	005	
Well Depth:					Concession:	03	
Overburden/	Bedrock:				Concession Name:	OF	
Pump Rate:					Easting NAD83:		
Static Water	Level:				Northing NAD83:		
Flowing (Y/N					Zone:		
Flow Rate:					UTM Reliability:		
Clear/Cloudy	/:				e nii Konabinty.		
PDF URL (Ma	ap):		https://d2khazk8e83	Brdv.cloudfront.n	et/moe_mapping/downloads	/2Water/Wells_pdfs/151\1511514.pdf	
<u>Bore Hole In</u>	formation						
Bore Hole ID	):	1003350	8		Elevation:	82.301673	
DP2BR:		90			Elevrc:		

Bore Hole ID:	10033306	Elevation:	02.301073
DP2BR:	90	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	459480.8
Code OB Desc:	Bedrock	North83:	5031062
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4

Remarks: Elevrc Desc: Location Source Date: Improvement Location Source Improvement Location Method Source Revision Comment: Supplier Comment: Supplier Comment: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation Top Depth: Formation End Depth UOM: Mat2: Mat3: Mat3 Desc: Formation End Depth: Formation End Depth: Formation End Depth: Formation End Depth: Formation End Depth UOM: Method of Construction & We Use Method Construction ID: Method Construction ID: Method Construction: Other Method Construction:	931017948 1 3 BLUE 05 CLAY 0 90 ft 931017949 2 2 GREY 15	UTMRC Desc: Location Method:	margin of error : 30 m - 100 m p4	
Materials Interval         Formation ID:         Layer:         Color:         General Color:         Mat1:         Most Common Material:         Mat2:         Mat2:         Mat2:         Mat2:         Mat3:         Mat3:         Mat3:         Mat3:         Formation Top Depth:         Formation End Depth         Formation End Depth UOM:         Overburden and Bedrock         Materials Interval         Formation ID:         Layer:         Color:         General Color:         Mat1:         Most Common Material:         Mat2:         Mat2 Desc:         Mat3:         Mat2:         Mat2:         Mat2 Desc:         Mat3:         Mat3:         Formation Top Depth:         Formation End Depth UOM:         Method of Construction & Waterial:         Method Construction ID:         Method Construction ID:         Method Construction ID:         Method Construction:         Wethod Construction:         Other Method Cons	1 3 BLUE 05 CLAY 0 90 ft 931017949 2 2 GREY 15			
Layer: Color: General Color: Mat1: Most Common Material: Mat2 Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Mat2 Desc: Mat3: Mat3 Desc: Formation End Depth: Formation End Depth: Formation End Depth: Formation End Depth: Formation End Depth UOM: Method of Construction & We Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	1 3 BLUE 05 CLAY 0 90 ft 931017949 2 2 GREY 15			
Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation End Depth: Formation End Depth: Formation End Depth: Formation End Depth UOM: Method of Construction & We Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	3 BLUE 05 CLAY 0 90 ft 931017949 2 2 GREY 15			
General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth: Formation End Depth: Formation End Depth UOM: Method of Construction & Wa Use Method Construction ID: Method Construction: Other Method Construction:	BLUE 05 CLAY 0 90 ft 931017949 2 2 GREY 15			
Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth UOM: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth UOM: Formation End Depth UOM: Method of Construction & Wa Use Method Construction ID: Method Construction: Other Method Construction:	05 CLAY 0 90 ft 931017949 2 2 GREY 15			
Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth UOM: Formation End Depth UOM: Method of Construction & Wa Use Method Construction ID: Method Construction ID: Method Construction: Other Method Construction:	CLAY 0 90 ft 931017949 2 2 GREY 15			
Mat2: Mat2 Desc: Mat3 Desc: Formation Top Depth: Formation End Depth Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth UOM: Formation End Depth UOM: Method of Construction & Wata Use Method Construction ID: Method Construction: Method Construction: Method Construction: Method Construction: Method Construction: Method Construction: Method Construction: Method Construction:	0 90 ft 931017949 2 2 GREY 15			
Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3 Desc: Formation Top Depth: Formation End Depth UOM: Formation End Depth UOM: Method of Construction & Wa Use Method Construction ID: Method Construction ID: Method Construction: Other Method Construction:	90 ft 931017949 2 2 GREY 15			
Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3 Desc: Formation Top Depth: Formation End Depth UOM: Formation End Depth UOM: Method of Construction & Wa Use Method Construction ID: Method Construction ID: Method Construction: Other Method Construction:	90 ft 931017949 2 2 GREY 15			
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3 Desc: Formation End Depth: Formation End Depth: Formation End Depth UOM: Method of Construction & Wa Use Method Construction ID: Method Construction: Other Method Construction:	90 ft 931017949 2 2 GREY 15			
Formation Top Depth: Formation End Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation End Depth: Formation End Depth: Formation End Depth UOM: Method of Construction & We Use Method Construction ID: Method Construction: Other Method Construction:	90 ft 931017949 2 2 GREY 15			
Formation End Depth: Formation End Depth UOM: Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth UOM: Formation End Depth UOM: Method of Construction & Wa Use Method Construction ID: Method Construction ID: Method Construction: Other Method Construction:	ft 931017949 2 2 GREY 15			
Overburden and Bedrock Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Mat2 Desc: Mat3: Mat3 Desc: Formation End Depth: Formation End Depth: Formation End Depth UOM: Method of Construction & We Use Method Construction ID: Method Construction ID: Method Construction: Other Method Construction:	931017949 2 2 GREY 15			
Materials Interval         Formation ID:         Layer:         Color:         General Color:         Mat1:         Most Common Material:         Mat2:         Mat2 Desc:         Mat3:         Mat3:         Mat3:         Formation Top Depth:         Formation End Depth         Formation End Depth         Formation End Depth         Wethod of Construction & We         Use         Method Construction ID:         Method Construction Code:         Method Construction:         Other Method Construction:	2 2 GREY 15			
Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth UOM: Formation End Depth UOM: Method of Construction & Wa Use Method Construction ID: Method Construction ID: Method Construction: Other Method Construction:	2 2 GREY 15			
Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth UOM: Formation End Depth UOM: Method of Construction & Wa Use Method Construction ID: Method Construction ID: Method Construction: Other Method Construction:	2 GREY 15			
General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth UOM: Formation End Depth UOM: Method of Construction & We Use Method Construction ID: Method Construction ID: Method Construction: Other Method Construction:	GREY 15			
Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth Formation End Depth UOM: Method of Construction & Wa Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	15			
Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth Formation End Depth UOM: Method of Construction & Wa Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:				
Mat2: Mat2 Desc: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Method of Construction & Wa Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	LIMESTONE			
Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: Method of Construction & Wa Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	LIMESTONE			
Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: <u>Method of Construction &amp; Wey Use</u> Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:				
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: <u>Method of Construction &amp; Wey Use</u> Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:				
Formation End Depth: Formation End Depth UOM: <u>Method of Construction &amp; Wey</u> <u>Use</u> Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:				
Formation End Depth: Formation End Depth UOM: <u>Method of Construction &amp; Wey</u> Use Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	90			
<u>Method of Construction &amp; Wayse</u> <u>Use</u> Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	95			
<u>Use</u> Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	ft			
Method Construction Code: Method Construction: Other Method Construction:	ell			
Method Construction Code: Method Construction: Other Method Construction:	961511514			
Other Method Construction:	7			
	Diamond			
Pipe Information				
Pipo ID:	10582078			
Pipe ID: Casing No:	10582078			
Comment:	I			
Alt Name:				
Construction Record - Casing				
Casing ID: Layer:	g			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material: Open Hole or		4 OPEN HOLE			
Depth From: Depth To:		95			
Casing Diam Casing Diam		inch			
Casing Dept		ft			
<u>Construction</u>	Record - Casing				
Casing ID:		930059511			
Layer: Material:		1 2			
Open Hole of	r Material:	GALVANIZED			
Depth From:					
Depth To: Casing Diam	otor.	92 2			
Casing Diam		inch			
Casing Dept		ft			
Results of W	ell Yield Testing				
Pump Test ID		991511514			
Pump Set At: Static Level:		28			
	fter Pumping:	40			
	ed Pump Depth:	50			
Pumping Rat Flowing Rate		10			
	ed Pump Rate:	6			
Levels UOM:		ft			
Rate UOM: Water State	After Test Code:	GPM 1			
Water State A		CLEAR			
Pumping Tes		1			
Pumping Dur Pumping Dur		2 0			
Flowing:		No			
<u>Draw Down &amp;</u>	Recovery				
Pump Test D	etail ID:	934383407			
Test Type:		Draw Down			
Test Duration Test Level:	1:	30 35			
Test Level U	ОМ:	ft			
<u>Draw Down &amp;</u>	& Recovery				
Pump Test D	etail ID:	934644428			
Test Type:		Draw Down			
Test Duratior Test Level:	1:	45 40			
Test Level U	ОМ:	ft			
<u>Draw Down &amp;</u>	& Recovery				
Pump Test D	etail ID:	934901347			
Test Type:		Draw Down			
Test Duratior Test Level:	า:	60 40			
Test Level U	ОМ:	ft			
62	erisinfo.com   En	vironmental Risk Info	rmation Service	25	Order No: 21031000068

Мар Кеу	Number o Records	of Direction/ Distance (r	Elev/Diff n) (m)	Site		D
Draw Down &	Recovery					
Pump Test De	etail ID:	934098170				
Test Type:	etan iD.	Draw Down				
Test Duration	):	15				
Test Level:		30				
Test Level UC	ОМ:	ft				
Water Details						
Water ID:		933466686				
Layer:		1				
Kind Code:		1				
Kind:		FRESH				
Water Found	Depth:	95				
Water Found	Depth UOM:	ft				
<u>14</u>	1 of 1	ESE/48.1	80.9 / 0.00	lot 5 con 3 ON		ww
Well ID:		1510713		Data Entry Status:		
Construction	Date:			Data Src:	1	
Primary Wate	r Use:	Domestic		Date Received:	2/23/1971	
Sec. Water Us		0		Selected Flag:	Yes	
Final Well Sta	atus:	Water Supply		Abandonment Rec:		
Water Type:				Contractor:	1504	
Casing Materi	ial:			Form Version:	1	
Audit No:				Owner:		
Tag:				Street Name:		
Construction				County:	OTTAWA	
Elevation (m)				Municipality:	GLOUCESTER TOWNSHIP	
Elevation Reli				Site Info:	005	
Depth to Bedı Well Depth:	rock:			Lot: Concession:	005 03	
Overburden/E	Bodrock:			Concession Name:	OF	
Pump Rate:	Seurock.			Easting NAD83:	01	
Static Water L	evel			Northing NAD83:		
Flowing (Y/N)				Zone:		
Flow Rate:	-			UTM Reliability:		
Clear/Cloudy:	:			·····,		
PDF URL (Maj	p):	https://d2khazka	Be83rdv.cloudfront.ne	et/moe_mapping/downloads	/2Water/Wells_pdfs/151\1510713.pdf	
Bore Hole Info	ormation					
Bore Hole ID:		10032730		Elevation:	80.928298	
DP2BR: Spatial Status		90		Elevrc: Zone:	18	
Spatial Status Code OB:		r		Zone: East83:	459510.8	
Code OB. Code OB Des		Bedrock		North83:	5030992	
Open Hole:				Org CS:		
Cluster Kind:				UTMRC:	4	
Date Complet		5/18/1970		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:				Location Method:	p4	
Elevrc Desc:	rce Date:					
		ource:				
Location Sou	Location Sc					
Location Sou Improvement						
Location Sou	Location Me	ethod:				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden Materials Inte	and Bedrock erval				
Formation ID	):	931015635			
Layer:		2			
Color:		3			
General Cold	or:	BLUE			
Mat1:		05			
Most Commo	on Material:	CLAY			
Mat2: Mat2 Deces					
Mat2 Desc: Mat3:					
Mat3. Mat3 Desc:					
Formation To	on Denth <sup>.</sup>	10			
Formation E	nd Depth:	90			
	nd Depth UOM:	ft			
<u>Overburden</u> Materials Inte	<u>and Bedrock</u> erval				
Formation ID		931015634			
Layer:	-	1			
Color:		5			
General Cold	or:	YELLOW			
Mat1:		09			
Most Commo	on Material:	MEDIUM SAND			
Mat2:		01			
Mat2 Desc:		FILL			
Mat3:					
Mat3 Desc:		_			
Formation To	op Depth:	0			
Formation E		10			
Formation E	nd Depth UOM:	ft			
Overburden Materials Inte	<u>and Bedrock</u> erval				
Formation ID	):	931015636			
Layer:		3			
Color:		6			
General Colo	or:	BROWN			
Mat1:		19			
Most Commo	on Material:	SLATE			
Mat2:					
Mat2 Desc:					
Mat3: Mat3 Desc:					
Formation To	on Denth:	90			
Formation E		99			
	nd Depth UOM:	ft			
<u>Method of Co</u> Use	onstruction & Well	-			
Method Cons	struction ID:	961510713			
	struction Code:	7			
Method Cons Other Metho	struction: d Construction:	Diamond			
Pipe Informa	tion				
-		10581300			
Pipe ID:		10581300			
		wironmontal Diak Info			Order No: 2102100068

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No: Comment: Alt Name:		1			
<u>Constructior</u>	n Record - Casing				
Casing ID:		930058027			
Layer: Material:		2			
Open Hole o	r Material:	4 OPEN HOLE			
Depth From:					
Depth To: Casing Diam	otor.	99			
Casing Diam Casing Diam Casing Dept	eter UOM:	inch ft			
<u>Constructior</u>	n Record - Casing				
Casing ID:		930058026			
Layer:		1			
Material: Open Hole o	r Material:	2 GALVANIZED			
Depth From:					
Depth To: Casing Diam	eter.	92 2			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test II		991510713			
Pump Set At Static Level:		22			
	fter Pumping:	40			
Recommend	ed Pump Depth:	50			
Pumping Rate		10			
Recommend	ed Pump Rate:	6			
Levels UOM: Rate UOM:		ft GPM			
	After Test Code:	1			
Water State		CLEAR 1			
Pumping Tes Pumping Du		2			
Pumping Du		0			
Flowing:		No			
<u>Draw Down a</u>	& Recovery				
Pump Test D	etail ID:	934380039			
Test Type: Test Duration	n·	Draw Down 30			
Test Level:		40			
Test Level U	ОМ:	ft			
<u>Draw Down a</u>	& Recovery				
Pump Test D	etail ID:	934641198			
Test Type: Test Duration	n-	Draw Down 45			
Test Duration		45 40			
Test Level U	ОМ:	ft			
65	erisinfo.com   Env	vironmental Risk Info	rmation Service	S	Order No: 21031000068

# Draw Down & Recovery

Pump Test Detail ID:	934097304
Test Type:	Draw Down
Test Duration:	15
Test Level:	40
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934897984
Test Type:	Draw Down
Test Duration:	60
Test Level:	40
Test Level UOM:	ft

#### Water Details

Water ID:	933465746
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	99
Water Found Depth UOM:	ft

<u>15</u>	1 of 1	E/49.4	80.9 / 0.00	lot 5 con 3 ON		WWIS
Elevation ( Elevation I Depth to B Well Depth	ater Use: Use: Status: e: terial: fon Method: (m): Reliability: edrock: n: n/Bedrock: e: er Level: (N):	1511515 Domestic 0 Water Supply		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 12/22/1971 Yes 1504 1 OTTAWA GLOUCESTER TOWNSHIP 005 03 OF	

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/151\1511515.pdf

# Bore Hole Information

Bore Hole ID: DP2BR:	10033509 105	Elevation: Elevrc:	82.060234
Spatial Status:		Zone:	18
Code OB:	r	East83:	459490.8
Code OB Desc:	Bedrock	North83:	5031052
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	5/7/1971	UTMRC Desc:	margin of error : 30 m - 100 m

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Improvement	Location Source: Location Method: ion Comment:			Location Method:	p4	
<u>Overburden a</u> <u>Materials Inte</u>						
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3:	r:	931017951 2 2 GREY 15 LIMESTONE				
<i>Mat3 Desc: Formation To Formation En Formation En</i>	p Depth: d Depth: d Depth UOM:	105 109 ft				
<u>Overburden a</u> Materials Inte						
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En	r: n Material: p Depth:	931017950 1 3 BLUE 05 CLAY 0 105				
Formation En	d Depth UOM:	ft				
<u>Use</u> Method Cons Method Cons Method Cons	truction Code:	961511515 7 Diamond				
<u>Pipe Informat</u> Pipe ID: Casing No: Comment: Alt Name:	<u>ion</u>	10582079 1				
<u>Construction</u>	<u> Record - Casing</u>					
Casing ID: Layer: Material:		930059514 2 4				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Open Hole of		OPEN HOLE				
Depth From: Depth To:		109				
Casing Diam Casing Diam		inch				
Casing Diam Casing Deptl		inch ft				
eachig zopa						
<u>Construction</u>	n Record - Casing					
Casing ID:		930059513				
Layer: Material:		1 2				
Open Hole of		GALVANIZED				
Depth From: Depth To:		107				
Casing Diam	eter:	2				
Casing Diam	eter UOM:	inch				
Casing Deptl	h UOM:	ft				
<u>Results of W</u>	ell Yield Testing					
Pump Test IL Pump Set At.		991511515				
Static Level:	·	28				
Final Level A	fter Pumping:	40				
	ed Pump Depth:	50 10				
Pumping Rat Flowing Rate		10				
Recommend	ed Pump Rate:	6				
Levels UOM: Rate UOM:		ft GPM				
	After Test Code:	1				
Water State		CLEAR				
Pumping Tes Pumping Du		1 2				
Pumping Du		0				
Flowing:		No				
Draw Down &	<u>&amp; Recovery</u>					
Pump Test D	etail ID:	934644429				
Test Type: Test Duration	n.	Draw Down 45				
Test Level:		40				
Test Level U	ОМ:	ft				
<u>Draw Down 8</u>	& Recovery					
Pump Test D	etail ID:	934901348				
Test Type: Test Duratio	n-	Draw Down 60				
Test Level:		40				
Test Level U	ОМ:	ft				
Draw Down &	& Recovery					
Pump Test D	etail ID:	934098171				
Test Type: Test Duratio		Draw Down 15				
Test Duration Test Level:		30				
Test Level U	ОМ:	ft				
68	erisinfo.com   En	vironmental Risk Info	rmation Service	es	Order No: 21031000	068
00						

Map Key Number of Records			f Direction/ Elev/ Distance (m) (m)		Site		DB
Draw Down &	& Recovery						
Pump Test D Test Type: Test Duratior Test Level: Test Level U0	n:	934383 Draw D 30 35 ft					
Water Details	5						
Water ID: Layer: Kind Code: Kind: Water Found Water Found		933466 1 1 FRESH 109 <b>1</b> : ft	687				
<u>16</u>	1 of 1	SSE/5	0.3	79.9 / -1.00	ON		BORE
Borehole ID: OGF ID: Status: Type: Use: Completion I Static Water I Primary Wate Sec. Water U Total Depth Ref: Depth Ref: Depth Elev: Drill Method: Orig Ground Elev Reliabil DEM Ground Concession: Location D: Survey D: Comments: Borehole Gee	Date: Level: er Use: lse: m: Elev m: Note: I Elev m:	615088 215516030 Borehole 18.3 -999 Ground Surface 83.8 81.8			Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy:	No Initial Entry No No 45.430817 -75.520302 18 459301 5030942 Not Applicable	
Borehole Ged Geology Stra Top Depth: Bottom Depth Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material Stratum Desc	atum ID: h: pr: Descriptior	218400376 1.8 36.6 Clay			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:		
Geology Stra Top Depth: Bottom Depti Material Colo Material 1: Material 2: Material 3: Material 4:	h:	218400375 0 1.8 Sand			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:		

	OCK. WATER		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: 15.0 FEET.00062HERED. 00 tment have a truncated [Stra	00100140008910030RED. 0000500400 **No
218400377 36.6 Red Bedrock Shale tion: BEDR Many Data Survey	OCK. WATER		Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: 15.0 FEET.00062HERED. 00	
Many Data Survey				
1956-1972 M Urban File: C	Geology Auto TTAWA2.txt F	RecordID: 07596	0 NTS_Sheet: 31G05H	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
			Horizontal Datum: Vertical Datum: Projection Name: ion System (UGAIS)	NAD27 Mean Average Sea Level Universal Transverse Mercator
ESE	/51.8	79.9/-1.00	lot 5 con 3 ON	и
1501415 Domestic 0 Water Supply			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 9/5/1962 Yes 1504 1 OTTAWA GLOUCESTER TOWNSHIP 005 03 OF
	1 Data Survey 1956-1972 Varies Urban Geolog ESE 1501415 Domestic 0 Water Supply	File: OTTAWA2.txt F Reliable information	File: OTTAWA2.txt RecordID: 07596 Reliable information but incomplete.	Urban Geology Automated Information System (UGAIS)         File: OTTAWA2.txt RecordID: 075960 NTS_Sheet: 31G05H         Reliable information but incomplete.         1       Data Survey         1956-1972       Vertical Datum:         Varies       Urban Geology Automated Information System (UGAIS)         Geological Survey of Canada       Projection Name:         List Status:         Data Electron Name:         Varies       Urban Geology Automated Information System (UGAIS)         Geological Survey of Canada       Iot 5 con 3         Not 5 con 3         Domestic       Data Entry Status:         Domestic       Data Received:         0       Water Supply         Water Supply       Abandonment Rec:         Contractor:       Form Version:         Owner:       Street Name:         concession Name:       Lot:         concession Name:       Concession Name:         :       Concession Name: <td< td=""></td<>

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source I Improvement Loc Source Revision Supplier Comment Supplier Comment Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc: Formation Top De Formation End De Formation End De Formation End De	Date: cation Source: cation Method: Comment: nt: <u>Bedrock</u>	-	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	80.617538 18 459530.8 5030942 5 margin of error : 100 m - 300 m p5	
Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source I Improvement Loc Source Revision Supplier Commen <u>Overburden and I</u> Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation End De Formation End De Formation End De Formation End De	r Bedrock 8/16/196 Date: cation Source: cation Method: Comment: nt: <u>Bedrock</u>		Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	459530.8 5030942 5 margin of error : 100 m - 300 m	
Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source I Improvement Loc Source Revision Supplier Commen <u>Overburden and I</u> Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation End De Formation End De Formation End De Formation End De	Bedrock 8/16/196 Date: cation Source: cation Method: Comment: nt: Bedrock		East83: North83: Org CS: UTMRC: UTMRC Desc:	459530.8 5030942 5 margin of error : 100 m - 300 m	
Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source I Improvement Loc Source Revision Supplier Commen <u>Overburden and I</u> Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation End De Formation End De Formation End De Formation End De	Bedrock 8/16/196 Date: cation Source: cation Method: Comment: nt: Bedrock		North83: Org CS: UTMRC: UTMRC Desc:	5030942 5 margin of error : 100 m - 300 m	
Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source I Improvement Loc Source Revision Supplier Commen Overburden and I Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation End De Formation End De Formation End De	Bedrock 8/16/196 Date: cation Source: cation Method: Comment: nt: Bedrock		Org CS: UTMRC: UTMRC Desc:	5030942 5 margin of error : 100 m - 300 m	
Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source I Improvement Loc Source Revision Supplier Commen Overburden and I Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation End De Formation End De Formation End De	8/16/196 Date: cation Source: cation Method: Comment: nt: <u>Bedrock</u>		Org CS: UTMRC: UTMRC Desc:	5 margin of error : 100 m - 300 m	
Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Improvement Loc Source Revision Supplier Commen <u>Overburden and I</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3 Mat3 Desc: Formation Top De Formation End De Formation End De	Date: cation Source: cation Method: Comment: nt: <u>Bedrock</u>	52	UTMRC: UTMRC Desc:	margin of error : 100 m - 300 m	
Date Completed: Remarks: Elevrc Desc: Location Source Improvement Loc Source Revision Supplier Commen <u>Overburden and I</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3 Mat2 Desc: Mat3 Desc: Formation Top De Formation End De Formation End De	Date: cation Source: cation Method: Comment: nt: <u>Bedrock</u>	52	UTMRC Desc:	margin of error : 100 m - 300 m	
Remarks: Elevrc Desc: Location Source Improvement Loc Source Revision Supplier Commen <u>Overburden and I</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Ma Mat2: Mat2 Desc: Mat3 Desc: Formation Top De Formation End De Formation End De	Date: cation Source: cation Method: Comment: nt: <u>Bedrock</u>	-			
Elevrc Desc: Location Source Improvement Loc Source Revision Supplier Commen <u>Overburden and I</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat2 Desc: Mat3 Desc: Formation Top De Formation End De Formation End De	cation Source: cation Method: Comment: nt: <u>Bedrock</u>			μο	
Location Source Improvement Loc Improvement Loc Source Revision Supplier Commen <u>Overburden and I</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat2 Desc: Mat3 Desc: Formation Top De Formation End De Formation End De	cation Source: cation Method: Comment: nt: <u>Bedrock</u>				
Improvement Loc Improvement Loc Source Revision Supplier Commen <u>Overburden and I</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Ma Mat2: Mat2 Desc: Mat2 Desc: Mat3 Desc: Formation Top De Formation End De Formation End De	cation Source: cation Method: Comment: nt: <u>Bedrock</u>				
Improvement Loc Source Revision Supplier Commen <u>Overburden and I</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Ma Mat2: Mat2 Desc: Mat3 Desc: Formation Top De Formation End De Formation End De	cation Method: Comment: nt: <u>Bedrock</u>				
Supplier Commen <u>Overburden and I</u> <u>Materials Interval</u> Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat2 Desc: Mat3 Desc: Formation Top De Formation End De Formation End De	nt: Bedrock				
Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Ma Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top De Formation End De Formation End De					
Formation ID: Layer: Color: General Color: Mat1: Most Common Ma Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top De Formation End De Formation End De					
Layer: Color: General Color: Mat1: Most Common Ma Mat2: Mat2 Desc: Mat3 Desc: Formation Top De Formation End De Formation End De Formation End De		930991776			
Color: General Color: Mat1: Most Common Ma Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top De Formation End De Formation End De					
General Color: Mat1: Most Common Ma Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top De Formation End De Formation End De Overburden and De		2 3			
Mat1: Most Common Ma Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top De Formation End De Formation End De Overburden and De					
Most Common Ma Mat2: Mat2 Desc: Mat3 Desc: Formation Top De Formation End De Formation End De Overburden and J		BLUE			
Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Do Formation End Do Formation End Do Overburden and Do		05			
Mat2 Desc: Mat3: Mat3 Desc: Formation Top Do Formation End Do Formation End Do Overburden and I	aterial:	CLAY			
Mat3: Mat3 Desc: Formation Top Do Formation End Do Formation End Do Overburden and D					
Mat3 Desc: Formation Top Do Formation End Do Formation End Do Overburden and I					
Formation Top Do Formation End Do Formation End Do Overburden and I					
Formation End De Formation End De Overburden and I		_			
Formation End De		5			
Overburden and		92			
	epth UOM:	ft			
<u>Materials Interval</u>					
Formation ID:		930991777			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Ma	aterial:	LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top De	epth:	92			
Formation End D	epth:	110			
Formation End D		ft			
Overburden and I Materials Interval					
Formation ID:		930991775			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Ma	atorial	TOPSOIL			
Most Common Ma Mat2:	alenan.	10PSOIL 09			
Mat2: Mat2 Desc:		MEDIUM SAND			
Matz Desc: Mat3:					

DB

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Mat3 Desc:					
Formation To		0			
Formation En	nd Depth:	5			
-ormation En	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons		961501415			
	truction Code:	7			
Method Cons Other Method	truction: Construction:	Diamond			
Pipe Informat	tion				
Pipe ID:		10572028			
Casing No:		1			
Comment: Alt Name:					
Construction	Record - Casing				
Casing ID:		930039801			
Layer:		2			
Material: Open Hole or	Matorial	4 OPEN HOLE			
Depth From:	waterial:	OPENHOLE			
Depth To:		110			
Casing Diame	eter:	2			
Casing Diame		inch			
Casing Depth	NUOM:	ft			
<b>Construction</b>	Record - Casing				
Casing ID:		930039800			
Layer:		1			
Material:	Matarial	1 87551			
Open Hole or Depth From:	Material:	STEEL			
Depth To:		98			
Casing Diame	eter:	2			
Casing Diame	eter UOM:	inch			
Casing Depth	NUOM:	ft			
Results of We	ell Yield Testing				
Pump Test ID		991501415			
Pump Set At: Static Level:		21			
	fter Pumping:	60			
	ed Pump Depth:	60			
Pumping Rate		12			
Flowing Rate					
Recommende	ed Pump Rate:	12			
Levels UOM:		ft			
Rate UOM:	1444 To - 1 O - 1	GPM			
Water State A Water State A	After Test Code:	1 CLEAR			
water State A		CLEAR 1			
	CHICUIUU.				
Pumping Tes		3			
	ation HR:	3 0			

Map Key Numb Reco		Direction/ Distance (m	Elev/Diff ) (m)	Site		DB
Water Details						
Water ID: Layer: Kind Code: Kind:		933454122 1 1 FRESH				
Water Found Depth: Water Found Depth U Water Found Depth U	IOM:	110 ft				
<u>18</u> 1 of 1		NE/53.7	80.9 / 0.00	lot 6 con 3 ON		wwis
Well ID:	150145	5		Data Entry Status:		
Construction Date:	_			Data Src:	1	
Primary Water Use:	Domes	tic		Date Received:	9/18/1967	
Sec. Water Use:	0	2		Selected Flag:	Yes	
Final Well Status: Water Type:	Water S	Supply		Abandonment Rec: Contractor:	1504	
Casing Material:				Form Version:	1	
Audit No:				Owner:	•	
Tag:				Street Name:		
Construction Method	:			County:	OTTAWA	
Elevation (m):				Municipality:	GLOUCESTER TOWNSHIP	
Elevation Reliability:				Site Info:	000	
Depth to Bedrock:				Lot: Concession:	006 03	
Well Depth: Overburden/Bedrock:				Concession Name:	OF	
Pump Rate:				Easting NAD83:		
Static Water Level:				Northing NAD83:		
Flowing (Y/N):				Zone:		
Flow Rate:				UTM Reliability:		
Clear/Cloudy:						
PDF URL (Map):		https://d2khazk8e	83rdv.cloudfront.n	et/moe_mapping/downloads	/2Water/Wells_pdfs/150\1501455.pdf	
Bore Hole Information	<u>n</u>					
Bore Hole ID:	100234	98		Elevation:	85.157051	
DP2BR:	98			Elevrc:		
Spatial Status:				Zone:	18	
Code OB: Code OB Desc:	r Bedroc	k		East83: North83:	459370.8 5031222	
Open Hole:	Deuroc	n		Org CS:	5031222	
Cluster Kind:				UTMRC:	5	
Date Completed:	7/26/19	67		UTMRC Desc:	margin of error : 100 m - 300 m	
Remarks:				Location Method:	p5	
Elevrc Desc:						
Location Source Date						
Improvement Locatio						
Improvement Locatio Source Revision Com						
Supplier Comment:	iment.					
Overburden and Bedr Materials Interval	<u>rock</u>					
		000001070				
Formation ID:		930991870				
Layer: Color:		2 3				
Color: General Color:		BLUE				
General Color: Mott						

Mat1:

Map Key Numb Record		Elev/Diff (m)	Site	DB
Most Common Materia Mat2:	I: CLAY			
Mat2 Desc:				
Mat3:				
Mat3 Desc:				
Formation Top Depth:	6			
Formation End Depth:	98			
Formation End Depth	UOM: ft			
<u>Overburden and Bedro Materials Interval</u>	ock_			
	020001860			
Formation ID:	930991869 1			
Layer: Color:	I			
General Color:				
Mat1:	09			
Most Common Materia				
Most Common Materia Mat2:				
Mat2: Mat2 Desc:				
Mat2 Desc: Mat3:				
Mat3 Desc:				
Formation Top Depth:	0			
Formation End Depth:				
Formation End Depth				
Overburden and Bedro	ock			
Materials Interval				
Formation ID:	930991871			
Layer:	3			
Color:	6			
General Color:	BROWN			
Mat1:	19			
Most Common Materia	I: SLATE			
Mat2:				
Mat2 Desc:				
Mat3:				
Mat3 Desc:				
Formation Top Depth:	98			
Formation End Depth:				
Formation End Depth	UOM: ft			
Method of Constructio	n & Well			
<u>Use</u>				
Method Construction				
Method Construction	Diamond			
Other Method Construction.				
Pipe Information				
Pipe ID:	10572068			
Casing No:	1			
Comment: Alt Name:				
Construction Record -	Casing			
Casing ID:	930039874			
Layer:	1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Material: Open Hole or Depth From:	Material:	1 STEEL				
Depth To:		100				
Casing Diame		2 in ch				
Casing Diame Casing Depth		inch ft				
Construction	Record - Casing					
Casing ID:		930039875				
Layer:		2				
Material: Open Hole or l	Matorial:	4 OPEN HOLE				
Depth From:	material.	OF ENTIOLE				
Depth To:		109				
Casing Diame		2				
Casing Diame Casing Depth		inch ft				
Casing Depin	00m.	n				
Results of We	ll Yield Testing					
Pump Test ID: Pump Set At:		991501455				
Static Level:		30				
Final Level Af	ter Pumping:	40				
	d Pump Depth:	60				
Pumping Rate		8				
Flowing Rate: Recommende		6				
Levels UOM:	a rump nate.	ft				
Rate UOM:		GPM				
	fter Test Code:	1				
Water State A		CLEAR 1				
Pumping Test Pumping Dura		2				
Pumping Dura		0				
Flowing:		No				
Water Details						
Water ID:		933454162				
Layer:		1				
Kind Code: Kind:		1 FRESH				
Water Found I	Depth:	109				
Water Found I		ft				
<u>19</u>	1 of 1	N/54.9	79.9/-1.00	2680 Page Road Ottawa (Cumberland	) ON K1W 1G1	EHS
Order No:	2010	0322032		Nearest Intersection:	Page Rd and Montpelier Pl	
Status:	C			Municipality:	-	
Report Type:		dard Report		Client Prov/State:	ON	
Report Date:	3/31/			Search Radius (km):	0.25	
Date Received Previous Site		2010		X: Y:	-75.520594 45.434449	
Lot/Building S					.5.707770	
	Ordered:					

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>20</u>	1 of 1	V	VNW/56.2	79.9 / -1.00	Navan Road Ottawa ON		EHS
Order No: Status: Report Type Report Date Date Receiv Previous Sit Lot/Building Additional I	e: red: te Name:	2015090304 C Custom Rep 10-SEP-15 03-SEP-15			Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.522476 45.433367	
<u>21</u>	1 of 1	V	V/57.8	80.9 / 0.03	ON		WWIS
Well ID: Constructio Primary Wa Sec. Water ( Final Well S Water Type: Casing Mate Audit No: Tag: Constructio Elevation (n Elevation (n Elevation R Depth to Be Well Depth: Overburden Pump Rate: Static Wate Flowing (Y// Flow Rate: Clear/Cloud PDF URL (M	ter Use: Use: Status: Prial: Method: M	7292790 C36219 A191634			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	Yes 8/17/2017 Yes 7543 8 OTTAWA GLOUCESTER TOWNSHIP	
İmprovemei	D: us: esc: d: leted: s: purce Date: nt Location I ision Comm	Method:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	82.529029 18 459046 5031142 UTM83 5 margin of error : 100 m - 300 m wwr	
<u>22</u>	1 of 1	E	:/58.6	80.9 / 0.00	lot 5 con 3 ON		wwis
Well ID: Constructio Primary Wa Sec. Water (	ter Use:	1510712 Domestic 0			Data Entry Status: Data Src: Date Received: Selected Flag:	1 2/23/1971 Yes	

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Order No: 21031000068

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Final Well St	atus: Water	Supply		Abandonment Rec:		
Water Type:				Contractor:	1504	
Casing Mate	rial:			Form Version:	1	
Audit No:				Owner:		
Tag:				Street Name:		
Construction	n Method:			County:	OTTAWA	
Elevation (m	):			Municipality:	GLOUCESTER TOWNSHIP	
Elevation Re				Site Info:		
Depth to Bed	•			Lot:	005	
Well Depth:				Concession:	03	
Overburden/	Bedrock:			Concession Name:	OF	
Pump Rate:				Easting NAD83:	-	
Static Water	Level:			Northing NAD83:		
Flowing (Y/N	);			Zone:		
Flow Rate:	/-			UTM Reliability:		
Clear/Cloudy	<i>ı</i> :			<b></b> ,-		

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/151\1510712.pdf

#### Bore Hole Information

Bore Hole ID:	10032729	Elevation:	82.74707
DP2BR:	95	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	459470.8
Code OB Desc:	Bedrock	North83:	5031082
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	5/18/1970	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date	e:		
Improvement Locatio	on Source:		
Improvement Locatio	on Method:		

#### Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

Formation ID:	931015631
Layer:	1
Color:	5
General Color:	YELLOW
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	01
Mat2 Desc:	FILL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	4
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931015633
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To		95			
Formation E Formation E	nd Depth: nd Depth UOM:	100 ft			
<u>Overburden</u> Materials Inte	and Bedrock erval				
Formation ID	):	931015632 2			
Layer: Color:		3			
General Cold	or:	BLUE			
Mat1: Most Commo	on Material:	05 CLAY			
<i>Mat2:</i> <i>Mat2 Desc:</i>					
Mat3:					
Mat3 Desc: Formation Te	on Donth:	4			
Formation E		4 95			
Formation E	nd Depth UOM:	ft			
<u>Method of Co Use</u>	onstruction & Well	-			
Method Con		961510712			
Method Cons Method Cons	struction Code:	7 Diamond			
	d Construction:	Diamond			
Pipe Informa	tion				
Pipe ID:		10581299			
Casing No:		1			
Comment: Alt Name:					
<u>Construction</u>	n Record - Casing				
Casing ID:		930058024			
Layer: Material:		1 2			
Open Hole o		GALVANIZED			
Depth From: Depth To:		97			
Casing Diam	eter:	2			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Constructior</u>	n Record - Casing				
Casing ID:		930058025			
Layer: Material:		2 4			
Open Hole o		4 OPEN HOLE			
Depth From:					
Depth To: Casing Diam	eter:	100			
Casing Diam	eter UOM:	inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth	UOM:	ft			
Results of We	ell Yield Testing				
Pump Test ID	:	991510712			
Pump Set At: Static Level:		22			
Final Level Af	ter Pumnina:	40			
	d Pump Depth:	50			
Pumping Rate		10			
Flowing Rate:					
Recommende		50			
Levels UOM:		ft			
Rate UOM:		GPM			
	fter Test Code:	1			
Water State A		CLEAR 1			
Pumping Test Pumping Dura		2			
Pumping Dura	ation MIN <sup>.</sup>	0			
Flowing:		No			
<u>Draw Down &amp;</u>	<u>Recovery</u>				
Pump Test De	etail ID:	934641197			
Test Type:		Draw Down			
Test Duration	:	45			
Test Level:		40			
Test Level UC	DM:	ft			
<u>Draw Down &amp;</u>	<u>Recovery</u>				
Pump Test De	etail ID:	934380038			
Test Type:		Draw Down			
Test Duration	:	30			
Test Level:		40			
Test Level UC	DM:	ft			
<u>Draw Down &amp;</u>	Recovery				
Pump Test De	etail ID:	934897983			
Test Type:		Draw Down			
Test Duration	:	60			
Test Level:		40			
Test Level UC	DM:	ft			
<u>Draw Down &amp;</u>	Recovery				
Pump Test De	etail ID:	934097303			
Test Type:		Draw Down			
Test Duration	:	15			
Test Level:		40			
Test Level UC	DM:	ft			
Water Details					
Water ID:		933465745			
Layer:		1			
Kind Code:					
Kind: Water Found	Donth:	FRESH 100			
Water Found		ft			
	2000000				

	Record	S	Distance (m	) (m)			DI
23	1 of 1		E/58.8	80.9 / 0.00	ON	E	BOR
Borehole ID:		615102			Inclin FLG:	No	
OGF ID:		2155160	)44		SP Status:	Initial Entry	
Status:					Surv Elev:	No	
Гуре:		Borehole	Э		Piezometer:	No	
Use:					Primary Name:		
Completion L	Date:	MAY-19	70		Municipality:		
Static Water	Level:				Lot:		
Primary Wate	er Use:				Township:		
Sec. Water U	se:				Latitude DD:	45.432087	
Total Depth n	n:	30.5			Longitude DD:	-75.51814	
Depth Ref:		Ground	Surface		UTM Zone:	18	
Depth Elev:					Easting:	459471	
Drill Method:					Northing:	5031082	
Orig Ground		82.9			Location Accuracy:		
Elev Reliabil					Accuracy:	Not Applicable	
DEM Ground	Elev m:	82.8					
Concession:							
Location D:							
Survey D: Comments:							
Johnnento.							
Borehole Geo	ology Strat	<u>um</u>					
Geology Stra	tum ID:	2184004	127		Mat Consistency:		
Top Depth:		0			Material Moisture:		
Bottom Dept		1.2			Material Texture:		
Material Colo	or:	Yellow			Non Geo Mat Type:		
Material 1:		Sand			Geologic Formation:		
Material 2:		Fill			Geologic Group:		
Material 3:					Geologic Period:		
Material 4:	Descriptio	<b></b>			Depositional Gen:		
Gsc Material Stratum Desc	•	<i>n.</i>	SAND. YELLOW				
Geology Stra	tum ID:	2184004	129		Mat Consistency:		
Top Depth:		29			Material Moisture:		
Bottom Depti	h:	30.5			Material Texture:		
Material Colo	or:	Brown			Non Geo Mat Type:		
Material 1:		Shale			Geologic Formation:		
Material 2:					Geologic Group:		
Material 3:					Geologic Period:		
Material 4:					Depositional Gen:		
Gsc Material	-	n:		<b></b>			
Stratum Desc	cription:				76CIFIED. Y. SAND. UNSPI have a truncated [Stratum D	ECIFIED. 400030054019010 **Note: Many escription] field.	/
Geology Stra	tum ID:	2184004	128		Mat Consistency:		
Top Depth:		1.2			Material Moisture:		
Bottom Dept		29			Material Texture:		
Material Colo	or:	Blue			Non Geo Mat Type:		
Material 1:		Clay			Geologic Formation:		
Material 2:					Geologic Group:		
Material 3:					Geologic Period:		
Material 4:					Depositional Gen:		
	Descriptio	n,					

# <u>Source</u>

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		D
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name. Source Detail: Confiden 1:	:	1956-1972 U	Survey of Canada		Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) NTS_Sheet:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level	
Source List							
Source Identii Source Type: Source Date: Scale or Reso Source Name. Source Origin	olution:				Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS)	NAD27 Mean Average Sea Level Universal Transverse Mercator	
<u>24</u>	1 of 1		WSW/60.2	79.9/-1.00	2968 + 2973 NAVAN NAVAN ON	RD lot 6 con 3	ww
Well ID: Construction Primary Water Sec. Water Us Final Well Sta Water Type: Casing Materi Audit No: Tag: Construction Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N). Flow Rate: Clear/Cloudy: PDF URL (Maj	r Use: se: tus: ial: Method: iability: rock: Bedrock: .evel: :	7279124 Not Used Abandoned Z250023	-Other		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1/17/2017 Yes Yes 7260 7 2968 + 2973 NAVAN RD OTTAWA GLOUCESTER TOWNSHIP 006 03 OF	
Bore Hole Info Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Dest Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Soul Improvement Improvement Source Revisi	:: c: ed: rce Date: Location S Location N	lethod:	8		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	83.957611 18 459035 5031027 UTM83 4 margin of error : 30 m - 100 m wwr	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction Code:	1006516843			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		1006516836 0			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole of Depth From: Depth To:		1006516840			
Casing Diam Casing Diam Casing Depti	eter UOM:	inch ft			
<b>Construction</b>	Record - Screen				
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Matei Screen Depti Screen Diam Screen Diam	Depth: rial: h UOM: eter UOM:	1006516841 ft inch			
Water Details	6				
Water ID: Layer: Kind Code: Kind:		1006516839			
Water Found Water Found	Depth: Depth UOM:	ft			
Hole Diamete	<u>er</u>				
Hole ID: Diameter: Depth From: Depth To:		1006516838			
Hole Depth U Hole Diamete		ft inch			
<u>25</u>	1 of 1	W/61.6	80.6 / -0.24	City of Ottawa 2955 Navan Rd Ottawa ON K2G 6J8	ECA

Map Key	Number Records		Elev/Diff (m)	Site		DB
Approval No Approval Da Status: Record Type Link Source: SWP Area Na Approval Typ Project Type	te: : ame: pe:	6041-B59RHU 2018-10-11 Approved ECA IDS ECA-MUNICIPAL AND I				
Address: Full Address Full PDF Lini		2955 Navan Rd https://www.access	senvironment.ene	.gov.on.ca/instruments/6301-	B4JK4D-14.pdf	
<u>26</u>	1 of 1	W/61.6	80.6 / -0.24	2955 Navan Rd Ottawa ON K1C7G4		EHS
Order No: Status: Report Type. Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	20160526164 C Standard Report 02-JUN-16 26-MAY-16		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.524024 45.432295	
27	1 of 1	E/63.6	80.9 / 0.00	2777 PAGE ROAD Orleans ON K1W 1G1		HINC
External File Fuel Occurre Date of Occu Fuel Type Im Status Desc: Job Type De Oper. Type I Service Inter Property Dar Fuel Life Cyc Root Cause: Reported De Fuel Categor Occurrence Affiliation: County Nam Approx. Qua Enter Draina Approx. Qua	ence Type: urrence: volved: sc: nvolved: ruptions: mage: cle Stage: tails: y: Type: e: nt. Rel: of water: ge Syst.: nt. Unit:	Gaseous Fuel Incident	al Analysis(End) Occurrence (FS) pipeline strike) ribution and Trans oment/Material/Co tt:No Human Fa	mponent:No Procedures:Ye		No Training:
<u>28</u>	1 of 1	WSW/63.9	79.9 / -1.00	2968 Navan Rd Ottawa ON K1C7G4		EHS
Order No: Status: Report Type. Report Date: Date Receive Previous Site Lot/Building	ed: e Name:	20160505010 C Standard Report 11-MAY-16 05-MAY-16		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	OTTAWA ON .25 -75.523799 45.431567	

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Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Additional Ir	nfo Ordered:		Title Searches; Top	oographic Maps; (	City Directory		
<u>29</u>	1 of 1		SW/74.6	79.9 / -1.00	lot 6 con 3 ON	1	www
Well ID: Construction Primary Wat Sec. Water U Final Well Si Water Type: Casing Mate Audit No: Tag: Construction Elevation (m Elevation (m Elevation Re Depth to Ben Well Depth: Overburden, Pump Rate: Static Water Flowing (Y/N	ter Use: Use: itatus: erial: n Method: n): eliability: drock: v/Bedrock: r Level:	1501531 Domestic 0 Water Su			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	1 2/2/1967 Yes 1802 1 OTTAWA GLOUCESTER TOWNSHIP 006 03 OF	
Flow Rate: Clear/Cloud <u>y</u> PDF URL (M	-		https://d2khazk8e8	3rdv.cloudfront.ne	UTM Reliability: et/moe_mapping/downloads	s/2Water/Wells_pdfs/150\1501531.pdf	
Bore Hole In	nformation						
Improvemen Source Revi Supplier Col	us: esc: eted: :: ource Date: nt Location S nt Location N ision Comme mment:	lethod: ent:			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	83.557785 18 459200.8 5030962 5 margin of error : 100 m - 300 m p5	
<u>Overburden</u> <u>Materials Int</u>	<u>and Bedroci terval</u>	<u>k</u>					
Formation II Layer: Color: General Colo Mat1: Most Comm Mat2: Mat2 Desc: Mat3:			930992088 3 14 HARDPAN				
Mat3 Desc: Formation T Formation E		DM:	105 110 ft				

			(m)	
Overburden a Materials Inte	and Bedrock erval			
Formation ID	:	930992089		
Layer:		4		
Color: General Colo	r:			
Mat1:		17		
Most Commo Mat2:	on Material:	SHALE		
Mat2 Desc:				
Mat3:				
Mat3 Desc: Formation To	op Depth:	110		
Formation Er	nd Depth:	120		
Formation Er	nd Depth UOM:	ft		
<u>Overburden a</u> Materials Inte	and Bedrock			
Formation ID Layer:	:	930992086 1		
Color:				
General Colo	r:	00		
Mat1: Most Commo	on Material:	09 MEDIUM SAND		
Mat2:				
Mat2 Desc: Mat3:				
Mat3 Desc:				
Formation To	op Depth:	0		
Formation Er Formation Fr	nd Depth: nd Depth UOM:	6 ft		
	la Departoom.	n		
Overburden a Materials Inte	and Bedrock erval			
Formation ID	:	930992087		
Layer:		2		
Color: General Colo	r:			
Mat1:		05		
Most Commo Mat2:	on Material:	CLAY		
Mat2. Mat2 Desc:				
Mat3:				
Mat3 Desc: Formation To	n Denth:	6		
Formation Er	nd Depth:	105		
Formation Er	nd Depth UOM:	ft		
<u>Method of Co</u> <u>Use</u>	onstruction & Well			
Method Cons	truction ID.	961501531		
Method Cons	truction Code:	1		
Method Cons		Cable Tool		
other Method	Construction:			

# Pipe Information

	Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Pipe ID: Casing No: Comment: Alt Name:		10572144 1				
<u>Construction</u>	Record - Casing					
Casing ID:		930040008				
Layer:		1				
Material:		1				
Open Hole or	Material:	STEEL				
Depth From: Depth To:		114				
Casing Diame	tor:	6				
Casing Diame		inch				
Casing Depth		ft				
Construction	Record - Casing					
Casing ID:		930040009				
Layer:		2				
<i>Material:</i> Open Hole or	Material:	4 OPEN HOLE				
Depth From:		100				
Depth To: Casing Diame	tor:	120 6				
Casing Diame		inch				
Casing Depth		ft				
Results of We	ell Yield Testing					
Pump Test ID Pump Set At:	:	991501531				
Static Level:		38				
	ter Pumping:	80				
Recommende	d Pump Depth:	110				
Pumping Rate Flowing Rate:		17				
	d Pump Rate:	5				
Levels UOM:		ft				
Rate UOM:		GPM				
	fter Test Code:	1				
Water State A		CLEAR				
Pumping Test		1 1				
Pumping Dura Pumping Dura	ation HR: ation MIN:	0				
Flowing:		No				
Water Details						
Water ID:		933454241				
Layer:		1				
Kind Code:		1				
Kind:		FRESH				
Water Found Water Found		115 ft				
<u>30</u>	1 of 1	N/78.9	79.9/-1.00	lot 6 con 3 ON		ww.
Well ID: Construction	15107 <b>Date:</b>	716		Data Entry Status: Data Src:	1	

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Primary Wate	er Use:	Domestic			Date Received:	2/23/1971	
Sec. Water U	se:	0			Selected Flag:	Yes	
Final Well Sta	atus:	Water Supp	bly		Abandonment Rec:		
Water Type:					Contractor:	1504	
Casing Mater	rial:				Form Version:	1	
Audit No:					Owner:		
Tag:					Street Name:		
Construction	Method:				County:	OTTAWA	
Elevation (m)	):				Municipality:	GLOUCESTER TOWNSHIP	
Elevation Rel	liability:				Site Info:		
Depth to Bed	rock:				Lot:	006	
Well Depth:					Concession:	03	
Overburden/b	Bedrock:				Concession Name:	OF	
Pump Rate:					Easting NAD83:		
Static Water I	Level:				Northing NAD83:		
Flowing (Y/N)	);				Zone:		
Flow Rate:	•				UTM Reliability:		
Clear/Cloudy	:						

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/151\1510716.pdf

# Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location S Improvement Location I Source Revision Comm Supplier Comment:	Method: ent:		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc: Location Method:	83.49958 18 459310.8 5031362 4 margin of error : 30 m - 100 m p4
Materials Interval	<u></u>			
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	2 6 E 1			
Formation Top Depth: Formation End Depth: Formation End Depth U	9	90 17 t		
<u>Overburden and Bedroc</u> <u>Materials Interval</u>	: <u>k</u>			
Formation ID: Layer: Color: General Color:	1			

• •	lumber of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1: Most Common N Mat2: Mat2 Desc: Mat3:	laterial:	05 CLAY			
Mat3 Desc:		0			
Formation Top D Formation End D		0 90			
Formation End E		ft			
<u>Method of Const</u> <u>Use</u>	truction & Well				
Method Construe Method Construe		961510716 7			
Method Construe Other Method Co	ction:	Diamond			
Pipe Information	!				
Pipe ID:		10581303			
Casing No: Comment: Alt Name:		1			
Construction Re	<u>cord - Casing</u>				
Casing ID:		930058033			
Layer:		2			
Material: Open Hole or Ma	torial	4 OPEN HOLE			
Depth From:	iteriai.				
Depth To:		97			
Casing Diameter	: 	inch			
Casing Diameter Casing Depth UC		inch ft			
Construction Re	<u>cord - Casing</u>				
Casing ID:		930058032			
Layer:		1			
Material: Open Hole or Ma	torial	2 GALVANIZED			
Depth From:	iteriai.	OALVANIZED			
Depth To:		92			
Casing Diameter Casing Diameter	: 	2 inch			
Casing Depth UC		ft			
Results of Well	<u>rield Testing</u>				
Pump Test ID: Pump Set At:		991510716			
Static Level:		12			
Final Level After		45			
Recommended F Pumping Rate:	-ump Depth:	50 6			
Flowing Rate:		0			
Recommended F	Pump Rate:	6			
Levels UOM:		ft			
Rate UOM: Water State After	r Test Code	GPM 1			
	1651 0006.				

Мар Кеу	Number Records		Elev/Diff (m)	Site		DB
Water State / Pumping Tes Pumping Du Pumping Du Flowing:	st Method: ration HR:	CLEAR 1 2 0 No				
Draw Down &	<u>&amp; Recovery</u>					
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	934097307 Draw Down 15 30 ft				
Draw Down &	& Recovery					
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	934641201 Draw Down 45 45 ft				
Draw Down 8	& Recovery					
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	934897987 Draw Down 60 45 ft				
<u>Draw Down 8</u>	& Recovery					
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:	934380042 Draw Down 30 45 ft				
Water Details	<u>6</u>					
Water ID: Layer: Kind Code: Kind: Water Found Water Found		933465749 1 1 FRESH 97 <b>1</b> : ft				
<u>31</u>	1 of 1	N/79.1	79.9/-1.00	ON		BORE
Borehole ID: OGF ID: Status: Type: Use: Completion I	Date:	615127 215516069 Borehole FEB-1970		Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality:	No Initial Entry No No	
Static Water Primary Wate Sec. Water U Total Depth I Depth Ref:	er Use: lse:	29.6 Ground Surface		Lot: Township: Latitude DD: Longitude DD: UTM Zone:	45.434598 -75.520208 18	

	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth Elev:					Easting:	459311
Drill Method:					Northing:	5031362
Orig Ground E	lev m:	82.3			Location Accuracy:	
Elev Reliabil N	lote:				Accuracy:	Not Applicable
DEM Ground E	Elev m:	83.5				
Concession:						
Location D:						
Survey D:						
Comments:						
Borehole Geol	logy Strat	<u>um</u>				
Geology Strat	um ID:	218400539	)		Mat Consistency:	Dense
Top Depth:		27.4			Material Moisture:	
Bottom Depth.		29.6			Material Texture:	Fine
Material Color		Brown			Non Geo Mat Type:	
Material 1:		Slate			Geologic Formation:	
Material 2:					Geologic Group:	
Material 3:					Geologic Period:	
Material 4:					Depositional Gen:	
Gsc Material D	Description					
Stratum Descr	ription:				FINE. FIRM. DENSE. BED ave a truncated [Stratum De	DROCK. BEDROCK. 00010 025 000 **Note: Man escription] field.
Geology Strat	um ID:	218400538	3		Mat Consistency:	
Top Depth:		0			Material Moisture:	
Bottom Depth.	:	27.4			Material Texture:	
Material Color		Blue			Non Geo Mat Type:	
Material 1:		Clay			Geologic Formation:	
Material 2:		,			Geologic Group:	
Material 3:					Geologic Period:	
Material 4:					Depositional Gen:	
Gsc Material D	Description	n:				
Stratum Descr	•		CLAY. BLUE.			
<u>Source</u>						
		Data Surve	؛۷		Source Appl:	Spatial/Tabular
Source Type:		Data Surve Geological			Source Appl: Source Iden:	Spatial/Tabular 1
Source Type:			Survey of Canada			•
Source Type: Source Orig: Source Date:		Geological	Survey of Canada		Source Iden:	1
Source Type: Source Orig: Source Date:		Geological	Survey of Canada		Source Iden: Scale or Res:	1 Varies NAD27
Source Type: Source Orig: Source Date: Confidence:		Geological 1956-1972	Survey of Canada	mated Informatior	Source Iden: Scale or Res: Horizontal: Verticalda:	1 Varies
Source Type: Source Orig: Source Date: Confidence: Observatio:		Geological 1956-1972 L	Survey of Canada		Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS)	1 Varies NAD27
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details		Geological 1956-1972 L	Survey of Canada		Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS)	1 Varies NAD27
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details Confiden 1:		Geological 1956-1972 L	Survey of Canada		Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS)	1 Varies NAD27
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details Confiden 1: Source List	5:	Geological 1956-1972 L	Survey of Canada		Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS) ITS_Sheet:	1 Varies NAD27 Mean Average Sea Level
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details Confiden 1: <u>Source List</u> Source Identiff	5:	Geological 1956-1972 L F	Survey of Canada Jrban Geology Auto File: OTTAWA2.txt F		Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS) ITS_Sheet: Horizontal Datum:	1 Varies NAD27 Mean Average Sea Level NAD27
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details Confiden 1: <u>Source List</u> Source Identiff Source Type:	5:	Geological 1956-1972 L F Data Surve	Survey of Canada Jrban Geology Auto File: OTTAWA2.txt F		Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS) ITS_Sheet: Horizontal Datum: Vertical Datum:	1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details Confiden 1: <u>Source List</u> Source List Source Identifi Source Type: Source Date:	s: ïer:	Geological 1956-1972 L F Data Surve 1956-1972	Survey of Canada Jrban Geology Auto File: OTTAWA2.txt F		Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS) ITS_Sheet: Horizontal Datum:	1 Varies NAD27 Mean Average Sea Level NAD27
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details Confiden 1: <u>Source List</u> Source List Source Identifi Source Type: Source Date: Scale or Reso	s: ier: lution:	Geological 1956-1972 L F Data Surve 1956-1972 Varies	Survey of Canada Jrban Geology Auto File: OTTAWA2.txt F	RecordID: 07635 N	Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS) ITS_Sheet: Horizontal Datum: Vertical Datum: Projection Name:	1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details Confiden 1: <u>Source List</u> Source List Source Identif Source Type: Source Date: Scale or Reso Source Name:	ier: lution:	Geological 1956-1972 L F Data Surve 1956-1972 Varies	Survey of Canada Jrban Geology Auto File: OTTAWA2.txt F	RecordID: 07635 N	Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS) ITS_Sheet: Horizontal Datum: Vertical Datum: Projection Name:	1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details Confiden 1: <u>Source List</u> Source List Source Identifi Source Type: Source Date:	ier: lution:	Geological 1956-1972 L F Data Surve 1956-1972 Varies	Survey of Canada Jrban Geology Auto File: OTTAWA2.txt F	RecordID: 07635 N	Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS) ITS_Sheet: Horizontal Datum: Vertical Datum: Projection Name:	1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details Confiden 1: Source List Source List Source Identiff Source Type: Source Date: Scale or Reso Source Name: Source Origina	ier: lution:	Geological 1956-1972 L F Data Surve 1956-1972 Varies	Survey of Canada Jrban Geology Auto File: OTTAWA2.txt F	RecordID: 07635 N	Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS) ITS_Sheet: Horizontal Datum: Vertical Datum: Projection Name:	1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level
Source Type: Source Orig: Source Date: Observatio: Source Name: Source Details Confiden 1: <u>Source List</u> Source Identiff Source Type: Source Date: Scale or Reso Source Name: Source Origina <u>32</u> Well ID:	s: lution: ators: 1 of 1	Geological 1956-1972 L F Data Surve 1956-1972 Varies	Survey of Canada Jrban Geology Auto File: OTTAWA2.txt F Py Jrban Geology Auto Geological Survey of	RecordID: 07635 N mated Information f Canada	Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS) ITS_Sheet: Horizontal Datum: Vertical Datum: Projection Name: System (UGAIS) Iot 5 con 3 ON Data Entry Status:	1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level Universal Transverse Mercator
Source Type: Source Orig: Source Date: Observatio: Source Name: Source Details Confiden 1: <u>Source List</u> Source Identifi Source Identifi Source Type: Source Date: Scale or Reso Source Name: Source Origina <u>32</u> Well ID: Construction I	s: lution: ators: 1 of 1 Date:	Geological 1956-1972 L Data Surve 1956-1972 Varies L C 1501412	Survey of Canada Jrban Geology Auto File: OTTAWA2.txt F Py Jrban Geology Auto Geological Survey of	RecordID: 07635 N mated Information f Canada	Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS) ITS_Sheet: Horizontal Datum: Vertical Datum: Projection Name: System (UGAIS) Iot 5 con 3 ON Data Entry Status: Data Src:	1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level Universal Transverse Mercator
Source Type: Source Orig: Source Date: Observatio: Source Name: Source Details Confiden 1: <u>Source List</u> Source Identiff Source Type: Source Date: Scale or Reso Source Name: Source Origina <u>32</u> Well ID:	s: ier: lution: ators: 1 of 1 Date: Vse:	Geological 1956-1972 L Data Surve 1956-1972 Varies L C	Survey of Canada Jrban Geology Auto File: OTTAWA2.txt F Py Jrban Geology Auto Geological Survey of	RecordID: 07635 N mated Information f Canada	Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS) ITS_Sheet: Horizontal Datum: Vertical Datum: Projection Name: System (UGAIS) Iot 5 con 3 ON Data Entry Status:	1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level Universal Transverse Mercator

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Order No: 21031000068

Мар Кеу	Number of Records	<i>Direction/ Distance (m)</i>	Elev/Diff (m)	Site	DB
Final Well Sta	atus: Wa	ater Supply		Abandonment Rec:	
Water Type:				Contractor:	1504
Casing Mater	rial:			Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction	Method:			County:	OTTAWA
Elevation (m)	):			Municipality:	GLOUCESTER TOWNSHIP
Elevation Rel				Site Info:	
Depth to Bed	•			Lot:	005
Well Depth:				Concession:	03
Overburden/l	Bedrock:			Concession Name:	OF
Pump Rate:				Easting NAD83:	
Static Water	Level:			Northing NAD83:	
Flowing (Y/N	);			Zone:	
Flow Rate:	/-			UTM Reliability:	
Clear/Cloudy	:			······	
PDF URL (Ma	ap):	https://d2khazk8e83	Brdv.cloudfront.ne	t/moe_mapping/downloads	/2Water/Wells_pdfs/150\1501412.pdf
Bore Hole Inf	formation				
Bore Hole ID:	: 10	023455		Elevation:	83.57019

Bore Hole ID:	10023435	Elevation:	63.57019
DP2BR:	100	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	459450.8
Code OB Desc:	Bedrock	North83:	5031122
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	11/10/1961	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			•
Location Source Date	:		
Improvement Location	n Source:		
Improvement Location			
Source Revision Com			
Supplier Comment:			
Overburden and Bedr	<u>ock</u>		
Materials Interval			
Formation ID:	930991770		
Layer:	1		
Color:	3		
General Color:	BLUE		
Mat1:	05		
Most Common Materia			
Mat2:	<u> </u>		
Mat2 Desc:			
Mat2: Desc. Mat3:			
Mat3 Desc:			
Formation Top Depth:	0		
Formation End Depth:	-		
Formation End Depth			
Overburden and Bedr	<u>ock</u>		

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	930991771
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE

• •	lumber of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DI
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:	S (1-	100			
Formation Top L		100			
Formation End L Formation End L		114 ft			
	epui oom.	π			
<u>Method of Cons</u> <u>Use</u>	truction & Well				
Method Constru		961501412			
Method Constru Method Constru		7 Diamond			
Other Method Constru		Diamond			
Pipe Information	<u>!</u>				
Pipe ID:		10572025			
Casing No:		1			
Comment:					
Alt Name:					
Construction Re	cord - Casing				
Casing ID:		930039794			
Layer:		1			
Material:		1			
Open Hole or Ma Depth From:	iteriai:	STEEL			
Depth To:		105			
Casing Diameter		2			
Casing Diameter	UOM:	inch			
Casing Depth U	OM:	ft			
Construction Re	cord - Casing				
Casing ID:		930039795			
Layer:		2			
Material: Open Hele er Mr	torial				
Open Hole or Ma Depth From:		OPEN HOLE			
Depth To:		114			
Casing Diameter	:	2			
Casing Diameter	r UOM:	inch			
Casing Depth U	ОМ:	ft			
Results of Well	Yield Testing				
Pump Test ID:		991501412			
Pump Set At:		20			
Static Level: Final Level After	Pumping	30 45			
Recommended l		45			
Pumping Rate:		12			
Flowing Rate:					
Recommended I	Pump Rate:	12			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State Afte					
Water State Afte		CLEAR 1			
Pumping Test M	et1100:	I			
		vironmental Risk Info			Order No: 2103100006

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Pumping Dui Pumping Dui Flowing:			2 0 No				
Water Details	5						
Water ID: Layer: Kind Code:			933454119 1 1				
Kind: Water Found Water Found		1:	FRESH 114 ft				
<u>33</u>	1 of 1		NNE/84.1	79.8/-1.06	2679 Page Road Orleans ON K1W 1G2		EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	7/25/200 7/16/200 0.16 ha	omplete Report 7		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	North of Navan Road Ottawa 0.25 -75.519231 45.43415	
<u>34</u>	1 of 1		SW/84.2	79.9/-1.00	lot 6 con 2 ON		WWIS
Well ID: Construction Primary Water Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Beo Well Depth: Overburden/I Pump Rate: Static Water Flowing (Y/N Flow Rate:	er Use: lse: atus: rial: iability: liability: frock: Bedrock: Level: '):	1511923 Domestic 0 Water Su			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 10/4/1972 Yes 1558 1 OTTAWA GLOUCESTER TOWNSHIP 006 02 OF	
Clear/Cloudy PDF URL (Ma		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloa			t/moe_mapping/downloads/2	Water/Wells_pdfs/151\1511923.pdf	
Bore Hole In	formation						
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB Des Open Hole: Cluster Kind.	s: sc: :	1003391 96 r Bedrock	7		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	83.408554 18 459200.8 5030952 4	
Date Comple Remarks:	ted:	5/8/1972			UTMRC Desc: Location Method:	margin of error : 30 m - 100 m p4	

erisinfo.com | Environmental Risk Information Services

Order No: 21031000068

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement	Location Source: Location Method: ion Comment:				
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID. Layer: Color: General Color Mat1: Most Commo Mat2:	r:	931019097 4 8 BLACK 17 SHALE			
Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	96 120 ft			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID. Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En	r: n Material: p Depth:	931019096 3 2 GREY 14 HARDPAN 12 STONES 87 96 ft			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID. Layer: Color: General Colo. Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation En Formation En	r: n Material: p Depth: nd Depth:	931019094 1 6 BROWN 28 SAND 01 FILL 0 2			
Overburden a <u>Materials Inte</u>		п			
Formation ID:		931019095			
94	erisinfo.com   Envi	ronmental Risk Info	rmation Services		Order No: 21031000068

• •	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Color: General Color:		3 BLUE			
Mat1:		05			
Most Common	Material:	CLAY			
Mat2:					
Mat2 Desc: Mat3:					
Mat3 Desc:					
Formation Top	Depth:	2			
Formation End Formation End		87 ft			
Formation End	Depth UOM:	π			
<u>Method of Con</u> <u>Use</u>	struction & Well				
Method Constr Method Constr		961511923 1			
Method Constr		Cable Tool			
Other Method (					
Pipe Informatio	<u>on</u>				
Pipe ID:		10582487			
Casing No:		1			
Comment:					
Alt Name:					
Construction R	Record - Casing				
Casing ID:		930060223			
Layer:		1			
Material: Open Hole or N	latorial.	1 STEEL			
Depth From:	alenai.	OTELL			
Depth To:		100			
Casing Diamete		6 			
Casing Diameter Casing Depth L		inch ft			
ousing Deptil C		it.			
Construction R	ecord - Casing				
Casing ID:		930060224			
Layer: Material:		2 4			
Open Hole or N	laterial:	4 OPEN HOLE			
Depth From:	latonan	0. 2012			
Depth To:		120			
Casing Diameter Casing Diameter	er:	6 inch			
Casing Depth L		ft			
Results of Well	<u>Yield Testing</u>				
Pump Test ID:		991511923			
Pump Set At:		22			
Static Level: Final Level Afte	er Pumpina:	33 40			
Recommended	Pump Depth:	60			
Pumping Rate:		20			
Flowing Rate:	Bump Bata	5			
Recommended	rump kate:	5			

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Levels UOM: Rate UOM: Water State J Water State J Pumping Te Pumping Du Pumping Du Flowing:	After Test C After Test: St Method: ration HR:	ode:	ft GPM 2 CLOUDY 2 1 0 No				
<u>Draw Down a</u>	<u>&amp; Recovery</u>						
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:		934893670 Draw Down 60 40 ft				
<u>Draw Down a</u>	<u>&amp; Recovery</u>						
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:		934384496 Draw Down 30 40 ft				
<u>Draw Down a</u>	<u>&amp; Recovery</u>						
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:		934098560 Draw Down 15 40 ft				
<u>Draw Down a</u>	& Recovery						
Pump Test D Test Type: Test Duration Test Level: Test Level U	n:		934645651 Draw Down 45 40 ft				
Water Details	5						
Water ID: Layer: Kind Code: Kind: Water Found Water Found		И:	933467222 1 1 FRESH 118 ft				
<u>35</u>	1 of 1	_	ENE/89.4	80.9/0.00	lot 5 con 3 ON		WWIS
Well ID: Constructior Primary Wate Sec. Water U Final Well St Water Type: Casing Mate Audit No:	er Use: lse: atus:	1511711 Domestic 0 Water Su			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner:	1 4/7/1972 Yes 1504 1	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Tag:				Street Name:	
Construction	Method:			County:	OTTAWA
Elevation (m):	:			Municipality:	GLOUCESTER TOWNSHIP
Elevation Reli	iability:			Site Info:	
Depth to Bedi				Lot:	005
Well Depth:				Concession:	03
Overburden/E	Redrock:			Concession Name:	OF
Pump Rate:					0
Static Water L	a val			Easting NAD83:	
				Northing NAD83:	
Flowing (Y/N)				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Maj	p):	https://d2khazk8e83	Brdv.cloudfront.ne	et/moe_mapping/downloads	s/2Water/Wells_pdfs/151\1511711.pd
Bore Hole Info	ormation				
Bore Hole ID:	100337	05		Elevation:	84.411491
DP2BR:	100007	~~		Elevrc:	
ргавк. Spatial Status				Zone:	18
•					459430.8
Code OB:	0 Overbu	rdon		East83:	
Code OB Des	c: Overbu	luell		North83:	5031182
Open Hole:				Org CS:	4
Cluster Kind:		4		UTMRC:	4
Date Complet	ed: 7/5/197	1		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Lievic Desc.					
	rce Date:				
Location Sou	rce Date: Location Source:				
Location Sou Improvement	Location Source:				
Location Sou Improvement Improvement	Location Source: Location Method:				
Location Sou Improvement Improvement Source Revis	Location Source: Location Method: ion Comment:				
Location Sou Improvement Improvement Source Revis	Location Source: Location Method: ion Comment:				
Location Sou Improvement Improvement Source Revis	Location Source: Location Method: ion Comment:				
Location Sou Improvement Improvement Source Revis Supplier Com	Location Source: Location Method: ion Comment: ment:				
Location Sou Improvement Improvement Source Revis Supplier Com Overburden a	Location Source: Location Method: ion Comment: ment: nd Bedrock				
Location Sou Improvement Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u>	Location Source: Location Method: ion Comment: ment: <u>nd Bedrock</u> <u>rval</u>	004040500			
Location Sou Improvement Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID:	Location Source: Location Method: ion Comment: ment: <u>nd Bedrock</u> <u>rval</u>	931018520			
Location Sou Improvement Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer:	Location Source: Location Method: ion Comment: ment: <u>nd Bedrock</u> <u>rval</u>	2			
Location Sou Improvement Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer:	Location Source: Location Method: ion Comment: ment: <u>nd Bedrock</u> <u>rval</u>	2 2			
Location Sour Improvement Improvement Source Revise Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color:	Location Source: Location Method: ion Comment: ment: <u>nd Bedrock</u> <u>rval</u>	2			
Location Sou Improvement Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Color	Location Source: Location Method: ion Comment: ment: <u>nd Bedrock</u> <u>rval</u>	2 2			
Location Sour Improvement Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Color Mat1:	Location Source: Location Method: ion Comment: ment: <u>ment Bedrock</u> <u>rval</u>	2 2 GREY			
Location Sour Improvement Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Color Mat1: Most Commo	Location Source: Location Method: ion Comment: ment: <u>ment Bedrock</u> <u>rval</u>	2 2 GREY 11			
Location Sour Improvement Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2:	Location Source: Location Method: ion Comment: ment: <u>ment Bedrock</u> <u>rval</u>	2 2 GREY 11			
Location Soun Improvement Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: Color: General Color Mat1: Most Common Mat2: Mat2 Desc:	Location Source: Location Method: ion Comment: ment: <u>ment Bedrock</u> <u>rval</u>	2 2 GREY 11			
Location Sou Improvement Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3:	Location Source: Location Method: ion Comment: ment: <u>ment Bedrock</u> <u>rval</u>	2 2 GREY 11			
Location Sou Improvement Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc:	Location Source: Location Method: ion Comment: ment: m <u>ent Bedrock</u> <u>rval</u>	2 2 GREY 11 GRAVEL			
Location Sou Improvement Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Colon Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc: Formation To	Location Source: Location Method: ion Comment: ment: <u>ment:</u> <u>nd Bedrock</u> <u>rval</u>	2 2 GREY 11 GRAVEL 85			
Location Sour Improvement Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Colon Mat1: Most Common Mat2: Mat2 Desc: Formation To, Formation En	Location Source: Location Method: ion Comment: ment: <u>ment:</u> <u>nd Bedrock</u> <u>rval</u>  n Material: p Depth: d Depth:	2 2 GREY 11 GRAVEL 85 93			
Location Sour Improvement Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Colon Mat1: Most Common Mat2: Mat2 Desc: Formation To, Formation En	Location Source: Location Method: ion Comment: ment: <u>ment:</u> <u>nd Bedrock</u> <u>rval</u>	2 2 GREY 11 GRAVEL 85			
Location Sour Improvement Improvement Source Revis Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Colon Mat1: Most Common Mat2: Mat2 Desc: Formation To, Formation En	Location Source: Location Method: ion Comment: ment: ment: <u>ind Bedrock</u> <u>rval</u>  n Material: n Material: p Depth: d Depth: d Depth UOM:	2 2 GREY 11 GRAVEL 85 93			
Location Sour Improvement Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Color Mat1: Most Commol Mat2: Mat3 Desc: Formation To Formation En Formation En	Location Source: Location Method: ion Comment: ment: ment: <u>ind Bedrock</u> <u>rval</u> r: n Material: p Depth: d Depth: d Depth UOM: <u>ind Bedrock</u>	2 2 GREY 11 GRAVEL 85 93			
Location Soun Improvement Improvement Source Revise Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Colon Mat1: Most Common Mat2: Mat3 Desc: Formation En Formation En Formation En Formation ID:	Location Source: Location Method: ion Comment: ment: ment: <u>ind Bedrock</u> <u>rval</u> r: n Material: p Depth: d Depth: d Depth: d Depth UOM: <u>ind Bedrock</u> <u>rval</u>	2 2 GREY 11 GRAVEL 85 93 ft 931018519			
Location Sou Improvement Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation En Formation En Formation En Formation ID: Layer:	Location Source: Location Method: ion Comment: ment: ment: <u>ind Bedrock</u> <u>rval</u> r: n Material: p Depth: d Depth: d Depth: d Depth UOM: <u>ind Bedrock</u> <u>rval</u>	2 2 GREY 11 GRAVEL 85 93 ft 931018519 1			
Location Soun Improvement Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc: Formation En Formation En Formation En Formation ID: Layer: Color:	Location Source: Location Method: ion Comment: ment: ment: <u>md Bedrock</u> <u>rval</u> r: n Material: p Depth: d Depth: d Depth: d Depth UOM: <u>md Bedrock</u> <u>rval</u>	2 2 GREY 11 GRAVEL 85 93 ft 931018519 1 3			
Location Soun Improvement Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Desc: Mat3 Desc: Formation En Formation En Formation En Formation ID: Layer: Color: General Color	Location Source: Location Method: ion Comment: ment: ment: <u>md Bedrock</u> <u>rval</u> r: n Material: p Depth: d Depth: d Depth: d Depth UOM: <u>md Bedrock</u> <u>rval</u>	2 2 GREY 11 GRAVEL 85 93 ft 931018519 1 3 BLUE			
Location Souu Improvement Improvement Source Revisi Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Color Mat1: Mat2 Desc: Mat2 Desc: Mat3 Desc: Formation En Formation En Formation En Formation ID: Layer: Color: General Color	Location Source: Location Method: ion Comment: ment: ment: <u>md Bedrock</u> <u>rval</u> r: n Material: p Depth: d Depth: d Depth: d Depth UOM: <u>md Bedrock</u> <u>rval</u>	2 2 GREY 11 GRAVEL 85 93 ft 931018519 1 3 BLUE 05			
Location Soun Improvement Improvement Source Revise Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Colon Mat2 Desc: Formation En Formation En Formation En Formation En Formation ID: Layer: Color: General Colon Mat1:	Location Source: Location Method: ion Comment: ment: <u>ind Bedrock</u> <u>rval</u>  n Material: d Depth: d Depth: d Depth UOM: <u>ind Bedrock</u> <u>rval</u>	2 2 GREY 11 GRAVEL 85 93 ft 931018519 1 3 BLUE			
Location Sour Improvement Improvement Source Revise Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Colon Mat2: Mat3 Desc: Formation En Formation En Formation En Formation En Formation ID: Layer: Color: General Colon Mat1: Most Commod	Location Source: Location Method: ion Comment: ment: <u>ind Bedrock</u> <u>rval</u>  n Material: d Depth: d Depth: d Depth UOM: <u>ind Bedrock</u> <u>rval</u>	2 2 GREY 11 GRAVEL 85 93 ft 931018519 1 3 BLUE 05			
Location Soun Improvement Improvement Source Revise Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Colon Mat2: Mat3 Desc: Formation En Formation En Formation En Formation En Formation En Formation ID: Layer: Color: General Colon Mat1: Most Common Mat2:	Location Source: Location Method: ion Comment: ment: <u>ind Bedrock</u> <u>rval</u>  n Material: d Depth: d Depth: d Depth UOM: <u>ind Bedrock</u> <u>rval</u>	2 2 GREY 11 GRAVEL 85 93 ft 931018519 1 3 BLUE 05			
Location Sour Improvement Improvement Source Revise Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Colon Mat2: Mat3 Desc: Formation En Formation En Formation En Formation En Formation ID: Layer: Color: General Colon Mat1: Most Common Mat2: Mat2 Desc:	Location Source: Location Method: ion Comment: ment: <u>ind Bedrock</u> <u>rval</u>  n Material: d Depth: d Depth: d Depth UOM: <u>ind Bedrock</u> <u>rval</u>	2 2 GREY 11 GRAVEL 85 93 ft 931018519 1 3 BLUE 05			
Location Soun Improvement Improvement Source Revise Supplier Com <u>Overburden a</u> <u>Materials Inte</u> Formation ID: Layer: Color: General Colon Mat2: Mat3 Desc: Formation En Formation En Formation En Formation En Formation En Formation ID: Layer: Color: General Colon Mat1: Most Common Mat2:	Location Source: Location Method: ion Comment: ment: <u>ind Bedrock</u> <u>rval</u>  n Material: d Depth: d Depth: d Depth UOM: <u>ind Bedrock</u> <u>rval</u>	2 2 GREY 11 GRAVEL 85 93 ft 931018519 1 3 BLUE 05			

DB

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation T		0			
Formation E		85			
Formation E	nd Depth UOM:	ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Con	struction ID:	961511711			
	struction Code:	7			
Method Con	struction: d Construction:	Diamond			
<u>Pipe Informa</u>	<u>ition</u>				
Pipe ID:		10582275			
Casing No:		1			
Comment: Alt Name:					
Construction	n Record - Casing				
		000050070			
Casing ID: Layer:		930059876 1			
Material:		2			
Open Hole o		GALVANIZED			
Depth From:		02			
Depth To: Casing Diam	eter:	93 2			
Casing Diam		_ inch			
Casing Dept	h UOM:	ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test II	D:	991511711			
Pump Set At					
Static Level:	fter Pumping:	35 45			
	ed Pump Depth:	55			
Pumping Ra	te:	8			
Flowing Rate		0			
Levels UOM	ed Pump Rate:	6 ft			
Rate UOM:		GPM			
	After Test Code:	1			
Water State		CLEAR 1			
Pumping Tea Pumping Du		2			
Pumping Du		0			
Flowing:		No			
Draw Down	& Recovery				
Pump Test D	Detail ID:	934645038			
Test Type:		Draw Down			
Test Duratio	n:	45			
Test Level: Test Level U	ом·	45 ft			
iest Level U	<b>U</b> m.	11			
Draw Down	& Recovery				
Pump Test D	etail ID:	934382904			

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Test Type:			Draw Down				
Test Duration	:		30				
Test Level:			45				
Test Level UO	DM:		ft				
Draw Down &	Recovery						
Pump Test De	etail ID:		934098362				
Test Type:			Draw Down				
Test Duration: Test Level:	:		15 45				
Test Level: Test Level UO	N##		ft				
Test Level 00	////.		n				
Draw Down &	<u>Recovery</u>						
Pump Test De	etail ID:		934901956				
Test Type:			Draw Down				
Test Duration: Test Level:			60 45				
Test Level UO	DM:		ft				
<u>Water Details</u>							
Water ID:			933466945				
Layer:			1				
Kind Code:			1				
Kind:			FRESH				
Water Found I Water Found I		1:	93 ft				
<u>36</u>	1 of 1		NE/93.9	80.9 / 0.00	lot 5 con 3		wwis
					ON		
Well ID:	<b>-</b> /	1511692			Data Entry Status:		
Construction		Domestic			Data Src: Date Received:	1 4/7/1972	
Primary Water Sec. Water Us		0	,		Selected Flag:	4///19/2 Yes	
Final Well Sta		Water Su	vlaa		Abandonment Rec:	103	
Water Type:			PP-)		Contractor:	1504	
Casing Materi	ial:						
Audit No:					Form Version:	1	
					Form Version: Owner:	1	
•					Owner: Street Name:		
Construction					Owner: Street Name: County:	ΟΤΤΑΨΑ	
Construction Elevation (m):					Owner: Street Name: County: Municipality:		
Construction Elevation (m): Elevation Reli	ability:				Owner: Street Name: County: Municipality: Site Info:	OTTAWA GLOUCESTER TOWNSHIP	
Construction Elevation (m): Elevation Reli Depth to Bedr	ability:				Owner: Street Name: County: Municipality: Site Info: Lot:	OTTAWA GLOUCESTER TOWNSHIP 005	
Construction Elevation (m): Elevation Reli Depth to Bedr Well Depth:	ability: rock:				Owner: Street Name: County: Municipality: Site Info:	OTTAWA GLOUCESTER TOWNSHIP	
Construction ( Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B	ability: rock:				Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name:	OTTAWA GLOUCESTER TOWNSHIP 005 03	
Construction Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate:	ability: rock: Bedrock:				Owner: Street Name: County: Municipality: Site Info: Lot: Concession:	OTTAWA GLOUCESTER TOWNSHIP 005 03	
Construction Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N):	iability: rock: Bedrock: .evel:				Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	OTTAWA GLOUCESTER TOWNSHIP 005 03	
Construction Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate:	iability: rock: Bedrock: .evel: :				Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83:	OTTAWA GLOUCESTER TOWNSHIP 005 03	
Construction Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy:	iability: rock: Bedrock: .evel: :		https://d2khazk8e83	rdv.cloudfront.ne	Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA GLOUCESTER TOWNSHIP 005 03	
Construction Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map	ability: rock: Bedrock: .evel: : p):		https://d2khazk8e83	rdv.cloudfront.ne	Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA GLOUCESTER TOWNSHIP 005 03 OF	
Construction Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info	ability: rock: Bedrock: .evel: : p): p):	10033686		rdv.cloudfront.ne	Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA GLOUCESTER TOWNSHIP 005 03 OF	
Construction ( Elevation (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info Bore Hole ID:	ability: rock: Bedrock: .evel: : p): p):	10033686		rdv.cloudfront.ne	Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA GLOUCESTER TOWNSHIP 005 03 OF /2Water/Wells_pdfs/151\1511692.pdf	
Tag: Construction (m): Elevation Reli Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map Bore Hole Info Bore Hole ID: DP2BR: Spatial Status Code OB:	ability: rock: Bedrock: .evel: : p): p):	10033686		rdv.cloudfront.ne	Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA GLOUCESTER TOWNSHIP 005 03 OF /2Water/Wells_pdfs/151\1511692.pdf	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Elevrc Desc: Location Sour	ed: 7/25/19			North83: Org CS: UTMRC: UTMRC Desc: Location Method:	5031232 4 margin of error : 30 m - 100 m p4	
<u>Overburden an</u> Materials Inter						
Formation ID: Layer: Color: General Color. Mat1: Most Commor. Mat2:		931018477 2 GREY 11 GRAVEL				
Mat2 Desc: Mat3: Mat3 Desc: Formation Top Formation End Formation End	d Depth:	90 101 ft				
<u>Overburden ar</u> Materials Inter						
Formation ID: Layer: Color: General Color. Mat1: Most Common Mat2: Mat2 Desc:		931018476 1 3 BLUE 05 CLAY				
<i>Mat3: Mat3 Desc: Formation Top Formation End Formation End</i>	d Depth:	0 90 ft				
<u>Method of Cor</u> <u>Use</u>	nstruction & Well					
Method Const Method Const Method Const Other Method	ruction Code: ruction:	961511692 7 Diamond				
Pipe Informati	on					
Pipe ID: Casing No: Comment: Alt Name:		10582256 1				

# Construction Record - Casing

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930059846			
Layer:		1			
Material:		2			
Open Hole o	r Material:	GALVANIZED			
Depth From:					
Depth To:		101			
Casing Diam	eter:	2			
Casing Diam		inch			
Casing Dept		ft			
<u>Results of W</u>	ell Yield Testing				
Pump Test II	D:	991511692			
Pump Set At	:				
Static Level:		13			
Final Level A	fter Pumping:	35			
	ed Pump Depth:	50			
Pumping Rat		10			
Flowing Rate					
Recommend	ed Pump Rate:	6			
Levels UOM:		ft			
Rate UOM:		GPM			
	After Test Code:	1			
Water State		CLEAR			
Pumping Tes		1			
Pumping Du		2			
Pumping Du		0			
Flowing:		No			
<u>Draw Down a</u>	& Recovery				
Pump Test D	etail ID:	934645019			
Test Type:		Draw Down			
Test Duration	n•	45			
Test Level:		35			
Test Level U	ОМ:	ft			
Draw Down a	& Recovery				
Pump Test D	etail ID:	934382885			
Test Type:		Draw Down			
Test Duration	n•	30			
Test Level:		35			
Test Level U	ОМ:	ft			
<u>Draw Down a</u>	& Recovery				
Pump Test D	etail ID:	934901937			
Test Type:		Draw Down			
Test Duration	n•	60			
Test Level:		35			
Test Level U	ОМ:	ft			
Draw Down a	& Recovery				
Pump Test D	-	934098343			
rumo rest D		3.14090.14.1			

Pump Test Detail ID:	934098343
Test Type:	Draw Down
Test Duration:	15
Test Level:	35
Test Level UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Detail	<u>s</u>				
Water ID:		933466926			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found	d Depth:	101			
Water Found	d Depth UOM:	ft			
<u>37</u>	1 of 1	NE/94.0	80.9 / 0.00	lot 5 con 3 ON	WWIS

	ON		
1501419	Data Entry Status:		
	Data Src:	1	
Domestic	Date Received:	9/18/1967	
0	Selected Flag:	Yes	
Water Supply	Abandonment Rec:		
	Contractor:	1504	
	Form Version:	1	
	Owner:		
	Street Name:		
	County:	OTTAWA	
	-	GLOUCESTER TOWNSHIP	
	Site Info:		
	Lot:	005	
	Concession:	03	
	Concession Name:	OF	
	•		
	•		
	c i m Rendonity.		
	Domestic 0	Domestic Data Src: Domestic Date Received: 0 Selected Flag: Water Supply Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	1501419 Data Entry Status: Data Src:

PDF URL (Map):

 $https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/150\1501419.pdf$ 

#### Bore Hole Information

Bore Hole ID: DP2BR:	10023462 90	Elevation: Elevrc:	85.126205
Spatial Status:	30	Zone:	18
Code OB:	r	East83:	459390.8
Code OB Desc:	Bedrock	North83:	5031272
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	4/21/1967	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date	2		
Improvement Locatio			
Improvement Locatio			
Source Revision Com	iment:		

#### Overburden and Bedrock Materials Interval

Supplier Comment:

Formation ID:	930991785
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2: Mat2 Desc: Mat3:					
Mat3 Desc:					
Formation To	p Depth:	6			
Formation En	nd Depth:	90			
Formation En	nd Depth UOM:	ft			
<u>Overburden a</u> Materials Inte					
Formation ID	:	930991786			
Layer:		3			
Color:		6			
General Colo Mat1:	r:	BROWN 17			
Most Commo	n Material	SHALE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:	_				
Formation To	p Depth:	90			
Formation En		95 #			
Formation En	nd Depth UOM:	ft			
<u>Overburden a</u> Materials Inte					
Formation ID	:	930991784			
Layer:		1			
Color:					
General Colo	r:	00			
Mat1: Most Commo	n Matariali	09 MEDIUM SAND			
Mat2:	n watena.				
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation To	p Depth:	0			
Formation Er		6			
Formation Er	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	truction ID:	961501419			
	truction Code:	7			
Method Cons		Diamond			
	Construction:				
<u>Pipe Informat</u>	<u>tion</u>				
Pipe ID:		10572032			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction</u>	Record - Casing				
Casing ID:		930039806			
Layer: Material:		2			
Reteriol		4			

Мар Кеу	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Open Hole o			OPEN HOLE				
Depth From: Depth To:			95				
Casing Diam	eter:		2				
Casing Diam	eter UOM:		inch				
Casing Dept	h UOM:		ft				
<u>Construction</u>	n Record - (	Casing					
Casing ID:			930039805				
Layer:			1				
Material:			1				
Open Hole o Depth From:			STEEL				
Depth To:			92				
Casing Diam	eter:		2				
Casing Diam	eter UOM:		inch				
Casing Dept	h UOM:		ft				
<u>Results of W</u>	ell Yield Te	<u>sting</u>					
Pump Test II	D:		991501419				
Pump Set At	:						
Static Level:			30				
Final Level A			50				
Recommend Pumping Ra		eptn:	60 8				
Flowing Rate			0				
Recommend		ate:	6				
Levels UOM:			ft				
Rate UOM:			GPM				
Water State		code:	1				
Water State A Pumping Tes			CLEAR 1				
Pumping Du			2				
Pumping Du			0				
Flowing:			No				
Water Details	<u>S</u>						
Water ID:			933454126				
Layer:			1				
Kind Code:			1				
Kind:			FRESH				
Water Found Water Found		И:	95 ft				
38	1 of 1		NE/94.0	80.9 / 0.00			BORE
		<b>a</b> 4 = 1			ON		DONL
Borehole ID: OGF ID:		615118 2155160	160		Inclin FLG: SP Status:	No Initial Entry	
Status:		2100100	000		SP Status: Surv Elev:	No	
Type:		Borehole	e		Piezometer:	No	
Use:					Primary Name:		
Completion		APR-19	67		Municipality:		
Static Water					Lot:		
Primary Water					Township:	15 122702	
Sec. Water U Total Depth		29			Latitude DD: Longitude DD:	45.433793 -75.519178	
Depth Ref:		Ground	Surface		UTM Zone:	18	
Depth Elev:					Easting:	459391	
-					-		

	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	Ľ
Drill Method:					Northing:	5031272
Orig Ground I		83.8			Location Accuracy:	
Elev Reliabil I		85.1			Accuracy:	Not Applicable
DEM Ground Concession:	Elev m:	1.60				
Location D:						
Survey D:						
Comments:						
Borehole Geo	ology Strati	<u>um</u>				
Geology Strat	tum ID:	21840050	1		Mat Consistency:	
Top Depth:		0			Material Moisture:	
Bottom Depth	h:	1.8			Material Texture:	
Material Color	r:				Non Geo Mat Type:	
Material 1:		Sand			Geologic Formation:	
Material 2:					Geologic Group:	
Material 3:					Geologic Period:	
Material 4:	Deseriation				Depositional Gen:	
Gsc Material I Stratum Desc	•		SAND.			
Geology Strat	tum ID:	21840050	3		Mat Consistency:	Dense
Top Depth:		27.4			Material Moisture:	
Bottom Depth	h:	29			Material Texture:	
Material Color	r:	Brown			Non Geo Mat Type:	
Material 1:		Shale			Geologic Formation:	
Material 2:					Geologic Group:	
Material 3: Material 4:					Geologic Period: Depositional Gen:	
					Depositional Gen.	
Gsc Material I Stratum Desc	•		SHALE. BROWN. 00	0095ED.CLAY. GI		REY,STIFF. SILT. DENSE TO VERY DENSE.
Stratum Desc	ription:			0095ED.CLAY. GI	REY,FIRM,STIFF. SILT. GI	REY,STIFF. SILT. DENSE TO VERY DENSE.
Stratum Desc Geology Strat	ription:	21840050		0095ED.CLAY. GI		REY,STIFF. SILT. DENSE TO VERY DENSE.
Stratum Desc Geology Strat Top Depth:	tum ID:			0095ED.CLAY. GI	REY,FIRM,STIFF. SILT. GI <i>Mat Consistency:</i>	REY,STIFF. SILT. DENSE TO VERY DENSE.
Stratum Desc Geology Strat Top Depth: Bottom Depth	tum ID:	21840050 1.8		0095ED.CLAY. GF	REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture:	REY,STIFF. SILT. DENSE TO VERY DENSE.
Stratum Desc Geology Strat Top Depth: Bottom Depth Material Color	tum ID:	21840050 1.8 27.4		0095ED.CLAY. GF	REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture: Material Texture:	REY,STIFF. SILT. DENSE TO VERY DENSE.
Stratum Desc Geology Strat Top Depth: Bottom Depth Material Colol Material 1:	tum ID:	21840050 1.8 27.4 Blue		0095ED.CLAY. GF	REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group:	REY,STIFF. SILT. DENSE TO VERY DENSE.
Stratum Desc Geology Strat Top Depth: Bottom Depth Material Colou Material 1: Material 2:	tum ID:	21840050 1.8 27.4 Blue		0095ED.CLAY. GF	REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period:	REY,STIFF. SILT. DENSE TO VERY DENSE.
Stratum Desc Geology Strat Top Depth: Bottom Depth Material Colou Material Colou Material 2: Material 2: Material 3:	ription: tum ID: h: r:	21840050 1.8 27.4 Blue Clay		0095ED.CLAY. GF	REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group:	REY,STIFF. SILT. DENSE TO VERY DENSE.
Stratum Desc Geology Strat Top Depth: Bottom Depth Material Colol Material 1: Material 2: Material 3: Material 4: Gsc Material 1	ription: tum ID: h: r: Description	21840050 1.8 27.4 Blue Clay	2	0095ED.CLAY. GF	REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period:	REY,STIFF. SILT. DENSE TO VERY DENSE.
Stratum Desc Geology Strat Top Depth: Bottom Depth Material Colol Material 1: Material 2: Material 3: Material 4: Gsc Material 1	ription: tum ID: h: r: Description	21840050 1.8 27.4 Blue Clay		0095ED.CLAY. GF	REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period:	REY,STIFF. SILT. DENSE TO VERY DENSE.
Stratum Desc Geology Strat Top Depth: Bottom Depth Material Colou Material 1: Material 2: Material 3: Material 3: Material 4: Gsc Material I Stratum Desc	ription: tum ID: h: r: Description	21840050 1.8 27.4 Blue Clay	2	0095ED.CLAY. GF	REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period:	REY,STIFF. SILT. DENSE TO VERY DENSE.
Stratum Desc Geology Strat Top Depth: Bottom Depth Material Color Material 1: Material 2: Material 2: Material 3: Material 4: Gsc Material I Stratum Desc <u>Source</u> Source Type:	ription: tum ID: n: r: Description ription:	21840050. 1.8 27.4 Blue Clay 7: Data Surv	2 CLAY. BLUE. ey	0095ED.CLAY. G	REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Source Appl:	Spatial/Tabular
Stratum Desc Geology Strat Top Depth: Bottom Depth Material Color Material 1: Material 2: Material 2: Material 3: Material 4: Gsc Material 1 Stratum Desc Source Source Type: Source Orig:	ription: tum ID: h: r: Description ription:	21840050. 1.8 27.4 Blue Clay <b>n:</b> Data Surv Geologica	2 CLAY. BLUE. ey I Survey of Canada	0095ED.CLAY. G	REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden:	Spatial/Tabular 1
Stratum Desc Geology Strat Top Depth: Bottom Depth Material Color Material 1: Material 2: Material 2: Material 3: Material 4: Gsc Material 1 Stratum Desc <u>Source</u> Source Type: Source Orig: Source Date:	ription: tum ID: h: r: Description ription:	21840050. 1.8 27.4 Blue Clay 7: Data Surv	2 CLAY. BLUE. ey I Survey of Canada	0095ED.CLAY. GF	REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden: Scale or Res:	Spatial/Tabular 1 Varies
Stratum Desc Geology Strat Top Depth: Bottom Depth Material Color Material 1: Material 2: Material 2: Material 3: Material 4: Gsc Material 1 Stratum Desc Source Source Type: Source Type: Source Date: Confidence:	ription: tum ID: h: r: Description ription:	21840050. 1.8 27.4 Blue Clay <b>n:</b> Data Surv Geologica	2 CLAY. BLUE. ey I Survey of Canada	0095ED.CLAY. G	REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden: Scale or Res: Horizontal:	Spatial/Tabular 1 Varies NAD27
Stratum Desc Geology Strat Top Depth: Bottom Depth Material Color Material 2: Material 2: Material 3: Material 4: Gsc Material 1 Stratum Desc Source Source Type: Source Orig: Source Date: Confidence: Observatio:	ription: tum ID: h: r: Description ription:	21840050 1.8 27.4 Blue Clay <b>n:</b> Data Surv Geologica 1956-1972	2 CLAY. BLUE. ey Il Survey of Canada 2		REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:	Spatial/Tabular 1 Varies
Stratum Desc Geology Strat Top Depth: Bottom Depth Material Color Material 1: Material 2: Material 3: Material 4: Gsc Material 1 Stratum Desc Source Source Type: Source Type: Source Date: Confidence: Observatio: Source Name	ription: tum ID: h: r: Description: ription:	21840050 1.8 27.4 Blue Clay Clay Data Surv Geologica 1956-1972	2 CLAY. BLUE. ey Il Survey of Canada 2 Urban Geology Auto	mated Informatior	REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS)	Spatial/Tabular 1 Varies NAD27
Stratum Desc Geology Strat Top Depth: Bottom Depth Material Colou Material 1: Material 2: Material 3: Material 4: Gsc Material 1 Stratum Desc Source Type: Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name Source Detail	ription: tum ID: h: r: Description: ription:	21840050 1.8 27.4 Blue Clay Clay Data Surv Geologica 1956-1972	2 CLAY. BLUE. ey Il Survey of Canada 2	mated Informatior	REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS)	Spatial/Tabular 1 Varies NAD27
Stratum Desc Geology Strat Top Depth: Bottom Depth Material Colou Material 1: Material 2: Material 3: Material 4: Gsc Material 1 Stratum Desc Source Type: Source Orig: Source Orig: Source Orig: Source Date: Confidence: Observatio: Source Name Source Detail Confiden 1:	ription: tum ID: h: r: Description: ription:	21840050 1.8 27.4 Blue Clay Clay Data Surv Geologica 1956-1972	2 CLAY. BLUE. ey Il Survey of Canada 2 Urban Geology Auto	mated Informatior	REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS)	Spatial/Tabular 1 Varies NAD27
Stratum Desc Geology Strat Top Depth: Bottom Depth Material Color Material 1: Material 2: Material 3: Material 4: Gsc Material 1 Stratum Desc Source Type: Source Orig: Source Orig: Source Orig: Source Orig: Source Date: Confidence: Observatio: Source Name Source Name Source Detail Confiden 1: Source List	ription: tum ID: h: r: Description ription:	21840050 1.8 27.4 Blue Clay Clay Data Surv Geologica 1956-1972	2 CLAY. BLUE. ey Il Survey of Canada 2 Urban Geology Auto	mated Informatior	REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS)	Spatial/Tabular 1 Varies NAD27
Stratum Desc Geology Strat Top Depth: Bottom Depth Material Color Material 1: Material 2: Material 3: Material 4: Gsc Material 1 Stratum Desc Source Source Type: Source Orig: Source Orig: Source Orig: Source Orig: Source Orig: Source Name Source Name Source Name Source Detail Confiden 1: Source List Source Identii	ription: tum ID: h: r: Description ription:	21840050 1.8 27.4 Blue Clay 7: Data Surv Geologica 1956-1972	2 CLAY. BLUE. I Survey of Canada 2 Urban Geology Auto File: OTTAWA2.txt F	mated Informatior	REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS)	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
Stratum Desc Geology Strat Top Depth: Bottom Depth Material Color Material 1: Material 2: Material 3: Material 4: Gsc Material 1 Stratum Desc Source Type: Source Orig: Source Orig: Source Orig: Source Orig: Source Orig: Source Orig: Source Name Source Name Source Name Source Detail Confiden 1: Source List Source Identii Source Identii	ription: tum ID: h: r: Description ription:	21840050 1.8 27.4 Blue Clay 7: Data Surv Geologica 1956-1972	2 CLAY. BLUE. ey Il Survey of Canada 2 Urban Geology Auto File: OTTAWA2.txt F	mated Informatior	REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS) ITS_Sheet:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level
	ription: tum ID: h: r: Description ription:	21840050 1.8 27.4 Blue Clay n: Data Surv Geologica 1956-1972 1 Data Surv	2 CLAY. BLUE. ey Il Survey of Canada 2 Urban Geology Auto File: OTTAWA2.txt F	mated Informatior	REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS) ITS_Sheet: Horizontal Datum: Vertical Datum:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level
Stratum Desc Geology Strat Top Depth: Bottom Depth Material Color Material 1: Material 2: Material 3: Material 4: Gsc Material 1 Stratum Desc Source Source Type: Source Orig: Source Orig: Source Orig: Source Orig: Source Orig: Source Orig: Source Name Source Name Source Detail Confidence: Source List Source Identii Source Identii Source Date:	ription: tum ID: n: r: Description: cription: s: ls:	21840050 1.8 27.4 Blue Clay n: Data Surv Geologica 1956-1972 Varies	2 CLAY. BLUE. ey Il Survey of Canada 2 Urban Geology Auto File: OTTAWA2.txt F	mated Information RecordID: 07626 N	REY,FIRM,STIFF. SILT. GI Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS) ITS_Sheet: Horizontal Datum: Vertical Datum: Projection Name:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level NAD27 Mean Average Sea Level

39 1 of Well ID: Construction Da Primary Water U Sec. Water Use: Final Well Status Vater Type: Casing Material: Audit No: Fag: Construction Me Elevation (m): Elevation (m): Elevation Reliab Depth to Bedroc Vell Depth: Diverburden/Bed Pump Rate: Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map): Bore Hole Inform	ate: Jse: :s: / : : ethod: bility: ck: drock:	<b>ENE/94.5</b> 1536849 Abandoned-Other 248688		80.9 / 0.00	2723 PAGE ROAD to ORLEANS ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	2723 PAGE ROAD OTTAWA GLOUCESTER TOWNSHIP	WWIS
Construction Da Primary Water U Sec. Water Use: Final Well Status Vater Type: Casing Material: Audit No: Fag: Construction Me Elevation (m): Elevation Reliab Depth to Bedroc Vell Depth: Dverburden/Bed Pump Rate: Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	ate: Jse: :s: / : : ethod: bility: ck: drock:	Abandoned-Other			Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info:	Yes Yes 1119 3 2723 PAGE ROAD OTTAWA GLOUCESTER TOWNSHIP	
Primary Water U Sec. Water Use: Final Well Status Vater Type: Casing Material: Audit No: Fag: Construction Me Fag: Construction Me Fag: Construction Me Flevation Reliab Depth to Bedroc Vell Depth: Depth to Bedroc Vell Depth: Depth to Bedroc Vell Depth: Depth to Bedroc Static Water Comp Rate: Flow Rate: Clear/Cloudy: PDF URL (Map):	Jse: :s: / ethod: bility: ck: drock:				Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info:	Yes Yes 1119 3 2723 PAGE ROAD OTTAWA GLOUCESTER TOWNSHIP	
Sec. Water Use: Final Well Status Vater Type: Casing Material: Audit No: Fag: Construction Me Elevation (m): Elevation Reliab Depth to Bedroc Vell Depth: Depth to Bedroc Vell Depth: Depth to Bedroc Vell Depth: Depth to Bedroc Vell Depth: Depth to Bedroc Vell Depth: Elevation (m): Flow Rate: Clear/Cloudy: PDF URL (Map):	:  :				Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info:	Yes Yes 1119 3 2723 PAGE ROAD OTTAWA GLOUCESTER TOWNSHIP	
Final Well Status Vater Type: Casing Material: Casing Material: Construction Me Elevation (m): Elevation Reliab Depth to Bedroc Vell Depth: Dverburden/Bed Pump Rate: Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	s: / : ethod: bility: ck: drock:				Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info:	Yes 1119 3 2723 PAGE ROAD OTTAWA GLOUCESTER TOWNSHIP	
Vater Type: Casing Material: Casing Material: Construction Me Elevation (m): Elevation Reliab Depth to Bedroc Vell Depth: Dverburden/Bed Pump Rate: Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	: ethod: bility: ck: drock:				Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info:	1119 3 2723 PAGE ROAD OTTAWA GLOUCESTER TOWNSHIP	
Casing Material: Audit No: Fag: Construction Me Elevation (m): Elevation Reliab Depth to Bedroc Vell Depth: Derburden/Bed Pump Rate: Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	z ethod: bility: ck: drock:	Z48688			Form Version: Owner: Street Name: County: Municipality: Site Info:	3 2723 PAGE ROAD OTTAWA GLOUCESTER TOWNSHIP	
Audit No: Fag: Construction Me Elevation (m): Elevation Reliab Depth to Bedroc Vell Depth: Dverburden/Bed Pump Rate: Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	z ethod: bility: ck: drock:	248688			Owner: Street Name: County: Municipality: Site Info:	2723 PAGE ROAD OTTAWA GLOUCESTER TOWNSHIP	
Fag: Construction Me Elevation (m): Elevation Reliab Depth to Bedroc Vell Depth: Dverburden/Bed Pump Rate: Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	ethod: bility: ck: drock:	Z48688			Street Name: County: Municipality: Site Info:	OTTAWA GLOUCESTER TOWNSHIP	
Construction Me Elevation (m): Elevation Reliab Depth to Bedroc Vell Depth: Dverburden/Bed Dump Rate: Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	bility: ck: drock:				County: Municipality: Site Info:	OTTAWA GLOUCESTER TOWNSHIP	
Elevation (m): Elevation Reliab Depth to Bedroc Vell Depth: Dverburden/Bed Pump Rate: Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	bility: ck: drock:				Municipality: Site Info:	GLOUCESTER TOWNSHIP	
Elevation Reliab Depth to Bedroc Vell Depth: Dverburden/Bed Dump Rate: Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	ck: drock:				Site Info:		
Depth to Bedroc Vell Depth: Dverburden/Bed Pump Rate: Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	ck: drock:						
Vell Depth: Dverburden/Bed Pump Rate: Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	drock:				Lot:	005	
Dverburden/Bed Pump Rate: Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):							
Dverburden/Bed Pump Rate: Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):					Concession:	03	
Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	vel:				Concession Name:		
Static Water Lev Flowing (Y/N): Flow Rate: Clear/Cloudy: PDF URL (Map):	vel:				Easting NAD83:		
Flow Rate: Clear/Cloudy: PDF URL (Map):					Northing NAD83:		
Flow Rate: Clear/Cloudy: PDF URL (Map):					Zone:		
Clear/Cloudy: PDF URL (Map):					UTM Reliability:		
,							
ore Hole Inform	:	https://d2kha	azk8e83r	dv.cloudfront.n	et/moe_mapping/downloads	s/2Water/Wells_pdfs/153\1536849.pdf	
	mation						
Bore Hole ID: DP2BR:		1691943			Elevation: Elevrc:	84.715209	
Spatial Status:					Zone:	18	
Code OB:	ι	l			East83:	459425	
Code OB Desc:	ä	all layers are unknowr	n type		North83:	5031205	
Open Hole:					Org CS:	UTM83	
Cluster Kind:					UTMRC:	3	
Date Completed	1:	0/6/2006			UTMRC Desc:	margin of error : 10 - 30 m	
Remarks:					Location Method:	wwr	
Elevrc Desc:							
ocation Source	e Date:						
mprovement Lo		urce:					
mprovement Lo							
Source Revision							
Supplier Comme	ent:						

933071093 Formation ID: Layer: 1 Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM: 0 3.66 m

Map Key	Number Records		Elev/Diff ) (m)	Site		DB
<u>Annular Spac</u> Sealing Reco		<u>ment</u>				
Plug ID:		933286649				
Layer:		4				
Plug From:		1.22				
Plug To: Plug Depth U	IOM:	0 m				
<u>Annular Spac</u> Sealing Reco	ce/Abandoni ord	<u>ment</u>				
Plug ID:		933286647				
Layer:		2				
Plug From:		2.74				
Plug To:		1.52				
Plug Depth U	IOM:	m				
<u>Annular Spac</u> Sealing Reco		<u>ment</u>				
Plug ID:		933286648				
Layer:		3				
Plug From:		1.52				
Plug To:		1.22				
Plug Depth U	IOM:	m				
<u>Annular Spaces Sealing Reco</u>		<u>ment</u>				
Plug ID:		933286646				
Layer:		1				
Plug From:		3.66				
Plug To:		2.74				
Plug Depth U	IOM:	m				
<u>Method of Co Use</u>	onstruction	<u>&amp; Well</u>				
Method Cons Method Cons Method Cons Other Method	struction Co struction:					
Pipe Informa	<u>tion</u>					
Pipe ID: Casing No: Comment: Alt Name:		11696809 1				
40	1 of 1	NE/96.2	80.9 / 0.00	lot 5 con 3		
<u></u>				ON		WWIS
Well ID:		1501411		Data Entry Status:		
Construction				Data Src:	1	
Primary Wate		Domestic		Date Received:	8/15/1960	
Sec. Water U		0 Matan Cumplu		Selected Flag:	Yes	
Final Well Sta	atus:	Water Supply		Abandonment Rec:	1107	
Water Type: Casing Mater	rial·			Contractor: Form Version:	1107 1	
Jashiy Waler	iai.					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		
Audit No:				Owner:		
Tag:				Street Name:		
Construction	Method:			County:	OTTAWA	
Elevation (m	):			Municipality:	GLOUCESTER TOWNSHIP	
Elevation Re	liability:			Site Info:		
Depth to Bed	lrock:			Lot:	005	
Well Depth:				Concession:	03	
Overburden/	Bedrock:			Concession Name:	OF	
Pump Rate:				Easting NAD83:		
Static Water	Level:			Northing NAD83:		
Flowing (Y/N	):			Zone:		
Flow Rate:	/-			UTM Reliability:		
Clear/Cloudy	:			······		

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/150\1501411.pdf

# Bore Hole Information

Bore Hole ID: DP2BR:	10023454 101	Elevation: Elevrc:	85.099731
Spatial Status:		Zone:	18
Code OB:	r	East83:	459400.8
Code OB Desc:	Bedrock	North83:	5031257
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	7/19/1960	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date Improvement Locatio Improvement Locatio	n Source:		

<u>Overburden and Bedrock</u> <u>Materials Interval</u>

Source Revision Comment: Supplier Comment:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	930991768 2 3 BLUE 05 CLAY
Mat3 Desc: Formation Top Depth: Formation End Depth:	8 101
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color:	930991767 1
General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	09 MEDIUM SAND

DB

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:					
Formation To		0			
Formation E	na Deptn: nd Depth UOM:	8 ft			
	and Bedrock				
Materials Internation	erval				
Formation ID	):	930991769			
Layer:		3			
Color: General Colo	Nr.	8 BLACK			
Mat1:	л.	17			
Most Commo	on Material:	SHALE			
Mat2:					
Mat2 Desc:					
Mat3: Mat3 Desc:					
Formation To	op Depth:	101			
Formation E	nd Depth:	115			
Formation E	nd Depth UOM:	ft			
<u>Method of Co Use</u>	onstruction & Well				
056					
Method Cons		961501411			
	struction Code:	1 Cable Tool			
Method Cons	d Construction:	Cable Tool			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		10572024			
Casing No:		1			
Comment:					
Alt Name:					
<u>Constructior</u>	n Record - Casing				
Casing ID:		930039793			
Layer:		2			
Material: Open Hole o	r Motoriali	4 OPEN HOLE			
Depth From:		OFEN HOLE			
Depth To:		115			
Casing Diam	eter:	4			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Construction</u>	n Record - Casing				
Casing ID:		930039792			
Layer.		1			
Material:	r Motoriali	1 87551			
Open Hole of Depth From:		STEEL			
Depth To:		101			
Casing Diam	eter:	4			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>Results of W</u>	ell Yield Testing	1				
Pump Test II		991501411				
Pump Set At						
Static Level:		30				
	After Pumping:	33 : 30				
	ed Pump Depth	8				
Pumping Ra		0				
	ed Pump Rate:	5				
Levels UOM:	•	ft				
Rate UOM:		GPM				
	After Test Code	-				
Water State		CLEAR				
Pumping Tes		1				
Pumping Du		1				
Pumping Du		0				
Flowing:		No				
Water Detail	e					
Waler Delan	2					
Water ID:		933454118				
Layer:		1				
Kind Code:		1				
Kind:		FRESH				
Water Found		115				
Water Found	I Depth UOM:	ft				
41	1 of 1	ESE/101.7	80.9 / 0.00			2025
_				ON		BORE
Borehole ID:	615	5091		Inclin FLG:	No	
OGF ID:	215	5516033		SP Status:	Initial Entry	
Status:				Surv Elev:	No	
Type:	Bo	ehole		Piezometer:	No	
Use:				Primary Name:		
<b>Completion</b>				Municipality:		
Static Water				Lot:		
Primary Wat	er Use:			Township:		
Sec. Water L	lse:			Latitude DD:	45.431193	

Longitude DD:

Location Accuracy:

UTM Zone:

Easting:

Northing:

Accuracy:

## Borehole Geology Stratum

-999

80.8

81.6

Ground Surface

Total Depth m:

Depth Ref:

Depth Elev:

Drill Method:

Concession: Location D: Survey D: Comments:

Orig Ground Elev m:

DEM Ground Elev m:

Elev Reliabil Note:

Geology Stratum ID: 218400384 Mat Consistency: Top Depth: Material Moisture: 0 Bottom Depth: 2.4 Material Texture: Material Color: Non Geo Mat Type: Material 1: Sand Geologic Formation: Material 2: Geologic Group: Material 3: Geologic Period: Material 4: Depositional Gen: Gsc Material Description:

-75.516853

18

459571

5030982

Not Applicable

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	D
Stratum Desc	ription:	5	SAND.			
Geology Strat	um ID:	218400385	5		Mat Consistency:	
Top Depth:		2.4			Material Moisture:	
Bottom Depth	:	30.8			Material Texture:	
Material Color					Non Geo Mat Type:	
Material 1:		Clay			Geologic Formation:	
Material 2:					Geologic Group:	
Material 3:					Geologic Period:	
Material 4:					Depositional Gen:	
Gsc Material L Stratum Desci			CLAY.			
	-	24.0.400200			Maria	Firm
Geology Strat	um ID:	218400386	)		Mat Consistency:	Firm
Top Depth:		30.8			Material Moisture:	
Bottom Depth		Crow			Material Texture:	
Material Color		Grey Bedrock			Non Geo Mat Type:	
Material 1:		Shale			Geologic Formation:	
Material 2:		Shale			Geologic Group: Geologic Period:	
Material 3: Material 4:					Depositional Gen:	
Gsc Material L	Doscrintio	n.			Depositional Gen.	
Stratum Desc		E			8.9 FEET.D. CLAY. GREY,FI have a truncated [Stratum De	IRM. 00010 040 00100 067 00400 **Note: Ma escription] field.
<u>Source</u>						
Source Type:		Data Surve			Source Appl:	Spatial/Tabular
Source Orig:			Survey of Canada	a	Source Iden:	1
Source Date:		1956-1972			Scale or Res:	Varies
Confidence:		Μ			Horizontal:	NAD27
Observatio:					Verticalda:	Mean Average Sea Level
Source Name					on System (UGAIS)	
Source Details	s:				0 NTS_Sheet: 31G05H	
Confiden 1:		ŀ	Reliable informatio	n but incomplete.		
<u>Source List</u>						
Source Identii	fier <sup>.</sup>	1			Horizontal Datum:	NAD27
Source Type:		Data Surve	2V		Vertical Datum:	Mean Average Sea Level
Source Date:		1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Reso	lution:	Varies			i rejection numer	
Source Name			Jrban Geology Au	tomated Informati	on System (UGAIS)	
Source Origin	ators:		Geological Survey			
<u>42</u>	1 of 1		ESE/103.3	80.6 / -0.32	3097 and 3107 Navan Ottawa ON K1W1E9	Road EHS
Ordor No		204 40747	001			
Order No:		201407170			Nearest Intersection:	Cloucester
Status: Poport Typo:		C Custom Re	port		Municipality: Client Prov/State:	Gloucester
Report Type:		Custom Re				ON
Report Date: Date Received	J.	23-JUL-14 17-JUL-14			Search Radius (km):	.25 -75.516696
Previous Site		17-JUL-14			X: Y:	45.430775
Lot/Building S		0.9 acres			7.	45.450175
Additional Info						
43	1 of 1		NNE/105.9	80.9 / 0.00	2683 Page Rd	
—					Ottawa ON K1W1G2	EHS
Order No:		201610050	)66		Nearest Intersection:	
Status:		C			Municipality:	Ottawa
				ormation Servic		Order No: 2103100006

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Report Type:	Standar	d Report		Client Prov/State:	ON	
Report Date:	13-OCT	-16		Search Radius (km):	.25	
Date Received	: 05-OCT	-16		X:	-75.519482	
Previous Site I	Name:			Y:	45.434444	
Lot/Building S	ize: 1,740 m	12				
Additional Info	Ordered:	Fire Insur. Maps and	d/or Site Plans; 1	Fitle Searches; City Directory	; Aerial Photos	

<u>44</u>	1 of 1	SE/108.9	79.9 / -1.00	lot 6 con 3 ON		WWIS
Well ID: Constructi Primary Wa Sec. Water Final Well S Water Type Casing Mat Audit No: Tag: Constructi Elevation ( Elevation F Depth to B	on Date: ater Use: Use: Status: a: terial: on Method: m): Reliability: edrock:	1501427 Domestic 0 Water Supply		ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	1 9/5/1962 Yes 1504 1 OTTAWA GLOUCESTER TOWNSHIP 006	wwis
Well Depth Overburde Pump Rate Static Wate Flowing (Y, Flow Rate: Clear/Cloud	n/Bedrock: :: er Level: /N):			Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	03 OF	

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/150\1501427.pdf

# Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks:	10023470 90 r Bedrock 8/18/1962	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: Location Method:	80.364089 18 459535.8 5030842 5 margin of error : 100 m - 300 m p5
Location Source Date: Improvement Location Improvement Location Source Revision Comm Supplier Comment:	Method:		

## Overburden and Bedrock Materials Interval

Formation ID:	930991803
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	19
Most Common Material:	SLATE
Mat2:	
Mat2 Desc:	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Mat3:</i> <i>Mat3 Desc:</i>					
Formation T	on Donth	90			
Formation E	ind Depth:	90 97			
	nd Depth UOM:	ft			
	na Depar Com.	it.			
<u>Overburden</u>	and Bedrock				
Materials Int	erval				
Formation IL	D:	930991802			
Layer:		1			
Color:		3			
General Colo	or:	BLUE			
Mat1:		05			
Most Comm	on Material:	CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:	on Donth	0			
Formation T Formation E	op Depth: ind Depth:	0 90			
	nd Depth UOM:	ft			
<u>Method of C</u> <u>Use</u>	onstruction & Well				
Method Con	struction ID:	961501427			
	struction Code:	7			
Method Con		Diamond			
Other Metho	d Construction:				
Pipe Informa	ation				
Pipe ID:		10572040			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction</u>	n Record - Casing				
Casing ID:		930039822			
Layer:		2			
Material:		4			
Open Hole o Depth From:		OPEN HOLE			
Depth To:		97			
Casing Diam	notor:	2			
Casing Diam	neter UOM <sup>.</sup>	inch			
Casing Dept	h UOM:	ft			
<u>Construction</u>	n Record - Casing				
Casing ID:		930039821			
Layer:		1			
Material:	<b>.</b>	1			
Open Hole o		STEEL			
Depth From:		05			
Depth To:		95			
Casing Diam	ieter:	2 inch			
Casing Diam Casing Dept		inch ft			
Gasing Den		11			

Casing Diameter: Casing Diameter UOM: Casing Depth UOM:

ft

Мар Кеу	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Results of W	ell Yield Te	sting					
Pump Test IL	):	9	91501427				
Pump Set At.	:						
Static Level:		1	5				
Final Level A	fter Pumpin	<b>ig:</b> 4	0				
Recommend		əpth: 4	0				
Pumping Rat		8					
Flowing Rate							
Recommend	•						
Levels UOM:		ft					
Rate UOM:			SPM				
Water State A							
Water State A			CLEAR				
Pumping Tes		1					
Pumping Du		2					
Pumping Du	ation MIN:	0					
Flowing:		Ν	10				
Water Details	3						
Water ID:			33454134				
Layer:		1					
Kind Code:		1					
Kind:			RESH				
Water Found			)7				
Water Found	Depth UON	<i>M:</i> ft					
<u>45</u>	1 of 1		ESE/108.9	79.9/-1.00	3096 Navan Rd Ottawa ON K1W1E9		EHS
Order No:		201803150	01		Nearest Intersection:		
Status:		С			Municipality:		
Report Type:		Standard S	elect Report		Client Prov/State:	ON	
Report Date:		21-MAR-18	3		Search Radius (km):	.25	
Date Receive	ed:	15-MAR-18	3		X:	-75.516883	
Previous Site	Name:				Y:	45.430195	
	Size:						
Lot/Building			ire Insur. Maps ar	d/or Site Plans <sup>,</sup> T	itle Searches; Topographic N	Jane: City Directory: Aprial Photos	
Lot/Building Additional In		F				Maps, City Directory, Aenal Frictos	
Additional In	fo Ordered:	- F				naps, Gity Directory, Aenai Friotos	
		- F	SE/113.7	79.9 / -1.00	lot 6 con 3 ON	iaps, Gity Directory, Aenai Friotos	WWIS
Additional In	fo Ordered:	F 1510706			lot 6 con 3		ŴŴĬS
Additional In <u>46</u> Well ID: Construction	fo Ordered: 1 of 1 1 Date:	1510706			lot 6 con 3 ON	1	wwi
Additional In <u>46</u> Well ID: Construction	fo Ordered: 1 of 1 1 Date:				lot 6 con 3 ON Data Entry Status:		ww
Additional In <u>46</u> Well ID: Construction Primary Wate	fo Ordered: 1 of 1 1 Date: er Use:	1510706 Domestic 0	SE/113.7		lot 6 con 3 ON Data Entry Status: Data Src:	1	ww
Additional In <u>46</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta	fo Ordered: 1 of 1 1 Date: er Use: lse:	1510706 Domestic	SE/113.7		lot 6 con 3 ON Data Entry Status: Data Src: Date Received:	1 7/30/1970	wwi
Additional In <u>46</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type:	fo Ordered: 1 of 1 Date: er Use: lse: lse: atus:	1510706 Domestic 0	SE/113.7		lot 6 con 3 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor:	1 7/30/1970 Yes 1504	ww
Additional In <u>46</u> Well ID: Construction Primary Wate Sec. Water U Final Well St Water Type: Casing Matel	fo Ordered: 1 of 1 Date: er Use: lse: lse: atus:	1510706 Domestic 0	SE/113.7		lot 6 con 3 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	1 7/30/1970 Yes	ww.
Additional In <u>46</u> Well ID: Construction Primary Wate Sec. Water U Final Well St Water Type: Casing Matei Audit No:	fo Ordered: 1 of 1 Date: er Use: lse: lse: atus:	1510706 Domestic 0	SE/113.7		lot 6 con 3 ON Data Entry Status: Data Src: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner:	1 7/30/1970 Yes 1504	ww
Additional In <u>46</u> Well ID: Construction Primary Wate Sec. Water U Final Well St. Water Type: Casing Matel Audit No: Tag:	fo Ordered: 1 of 1 1 Date: er Use: se: atus: rial:	1510706 Domestic 0	SE/113.7		lot 6 con 3 ON Data Entry Status: Data Src: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name:	1 7/30/1970 Yes 1504 1	ww
Additional In <u>46</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Matel Audit No: Tag: Construction	fo Ordered: 1 of 1 1 Date: er Use: se: atus: rial: 1 Method:	1510706 Domestic 0	SE/113.7		lot 6 con 3 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County:	1 7/30/1970 Yes 1504 1 OTTAWA	ww
Additional In <u>46</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Matel Audit No: Tag: Construction Elevation (m)	fo Ordered: 1 of 1 1 Date: er Use: se: atus: rial: Method: ):	1510706 Domestic 0	SE/113.7		lot 6 con 3 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality:	1 7/30/1970 Yes 1504 1	ww
Additional In <u>46</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Matel Audit No: Tag: Construction Elevation (m, Elevation Re	fo Ordered: 1 of 1 1 of 1 Date: er Use: se: atus: rial: Method: ): liability:	1510706 Domestic 0	SE/113.7		lot 6 con 3 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info:	1 7/30/1970 Yes 1504 1 OTTAWA GLOUCESTER TOWNSHIP	ww
Additional In <u>46</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Matel Audit No: Tag: Construction Elevation (m, Elevation Red	fo Ordered: 1 of 1 1 of 1 Date: er Use: se: atus: rial: Method: ): liability:	1510706 Domestic 0	SE/113.7		lot 6 con 3 ON Data Entry Status: Data Src: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot:	1 7/30/1970 Yes 1504 1 OTTAWA GLOUCESTER TOWNSHIP 006	wwi
Additional In <u>46</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Matel Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Beo Well Depth:	fo Ordered: 1 of 1 1 of 1 1 of 2 1 of 1 1 of 2 1 of 1 1 of 2 1 of 1 1	1510706 Domestic 0	SE/113.7		lot 6 con 3 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession:	1 7/30/1970 Yes 1504 1 OTTAWA GLOUCESTER TOWNSHIP 006 03	wwi
Additional In <u>46</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m, Elevation Re Depth to Beo Well Depth: Overburden/M	fo Ordered: 1 of 1 1 of 1 1 of 2 1 of 1 1 of 2 1 of 1 1 of 2 1 of 1 1	1510706 Domestic 0	SE/113.7		lot 6 con 3 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name:	1 7/30/1970 Yes 1504 1 OTTAWA GLOUCESTER TOWNSHIP 006	WWI
Additional In <u>46</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m, Elevation Re: Depth to Beo Well Depth: Overburden// Pump Rate:	fo Ordered: 1 of 1 1 of 1 1 of 2 1 of 1 1 of 2 1 of 1 1 of 2 1 of 1 1 of 2 1	1510706 Domestic 0	SE/113.7		lot 6 con 3 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83:	1 7/30/1970 Yes 1504 1 OTTAWA GLOUCESTER TOWNSHIP 006 03	wwi
Additional In <u>46</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation Re, Elevation Re, Elevation Re, Depth to Bea Well Depth: Overburden// Pump Rate: Static Water	fo Ordered: 1 of 1 1 of 1 Date: er Use: se: atus: rial: Method: liability: liability: Bedrock: Level:	1510706 Domestic 0	SE/113.7		lot 6 con 3 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83:	1 7/30/1970 Yes 1504 1 OTTAWA GLOUCESTER TOWNSHIP 006 03	wwi
Additional In <u>46</u> Well ID: Construction Primary Wate Sec. Water U Final Well Sta Water Type: Casing Mater Audit No: Tag: Construction Elevation (m, Elevation Re: Depth to Beo Well Depth: Overburden// Pump Rate:	fo Ordered: 1 of 1 1 of 1 Date: er Use: se: atus: rial: Method: liability: liability: Bedrock: Level:	1510706 Domestic 0	SE/113.7		lot 6 con 3 ON Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83:	1 7/30/1970 Yes 1504 1 OTTAWA GLOUCESTER TOWNSHIP 006 03	wwi

114

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	D
Clear/Cloudy	2				

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/151\1510706.pdf

#### Bore Hole Information

Bore Hole ID: DP2BR:	10032726 100	Elevation: Elevrc:	79.261154
Spatial Status:	100	Zone:	18
Code OB:	r	East83:	459490.8
Code OB Desc:	Bedrock	North83:	5030822
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	3/14/1969	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			

Overburden and Bedrock Materials Interval

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

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931015625 2 3 BLUE 05 CLAY
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	3 100 ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931015626 3 2 GREY 15 LIMESTONE
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	100 103 ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	931015624
Layer:	1
Color:	5

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Colo	r:	YELLOW			
Mat1:		28			
Most Commo	n Material:	SAND			
<i>Mat2:</i> Mat2 Desc:					
Mat2: Dese.					
Mat3 Desc:					
Formation To	p Depth:	0			
Formation Er		3			
Formation Er	nd Depth UOM:	ft			
<u>Method of Co Use</u>	nstruction & Well				
Method Cons		961510706			
	truction Code:	7			
Method Cons Other Method	truction: Construction:	Diamond			
<u>Pipe Informat</u>	tion				
Pipe ID:		10581296			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction</u>	Record - Casing				
Casing ID:		930058020			
Layer:		1			
Material:	Motorial	1 STEEL			
Open Hole or Depth From:	waterial:	SIEEL			
Depth To:		103			
Casing Diame	eter:	2			
Casing Diam		inch			
Casing Depth	UOM:	ft			
<u>Results of We</u>	ell Yield Testing				
Pump Test ID		991510706			
Pump Set At:		40			
Static Level:	ftor Dumping	18 40			
	fter Pumping: ed Pump Depth:	40 50			
Pumping Rat		10			
Flowing Rate					
	ed Pump Rate:	6			
Levels UOM:		ft			
Rate UOM:		GPM			
	After Test Code:				
Water State A		CLEAR 1			
Pumping Tes Pumping Dur		2			
Pumping Dur		0			
Flowing:		No			
Water Details	1				
		933465742			
Water ID:					
Water ID: Layer: Kind Code:		1			

Мар Кеу	Number Records		Elev/Diff (m)	Site		DB
Kind: Water Found Water Found		FRESH 103 <b>1:</b> ft				
<u>47</u>	1 of 1	W/116.3	80.7/-0.18	Navan Rd Ottawa ON		EHS
Order No: Status: Report Type. Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	20160224002 C Custom Report 01-MAR-16 24-FEB-16		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.524205 45.432901	
<u>48</u>	1 of 21	SSW/120.0	79.9 / -1.00	LAURENT LEBLANC 3000 NAVAN ROAD GLOUCESTER ON K1		GEN
Generator No Status: Approval Yea Contam. Fac MHSW Facili	ars: :ility:	ON1875101 94,95,96,97,98,99,00,01,02,0	)3,04,05,06,07,08	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:		
SIC Code: SIC Descript	-	4214 EXCAVAT. & GRA	DING			
<u>Detail(s)</u>						
Waste Class Waste Class		212 ALIPHATIC SOLVE	ENTS			
Waste Class Waste Class		251 OIL SKIMMINGS 8	SLUDGES			
Waste Class Waste Class		213 PETROLEUM DIS	TILLATES			
Waste Class Waste Class	-	252 WASTE OILS & LL	IBRICANTS			
<u>48</u>	2 of 21	SSW/120.0	79.9/-1.00	3000 Navan Road Ottawa ON K1C 7G4		EHS
Order No: Status: Report Type. Report Date: Date Receive Previous Site Lot/Building Additional In	ed: e Name: Size:	20090521002 C Custom Report 5/27/2009 5/21/2009 Fire Insur. Maps ar	nd/or Sire Plans	Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON 0.25 -75.521004 45.430149	
<u>48</u>	3 of 21	SSW/120.0	79.9 / -1.00	Laurent Leblanc Itd 3000 Navan road Orlean ON K1C 7G4		GEN
Generator No Status:	o:	ON4141965		PO Box No: Country:		

erisinfo.com | Environmental Risk Information Services

Order No: 21031000068

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Yea Contam. Faci MHSW Facilit SIC Code: SIC Descripti	ility: ty:	07,08 238110	Poured Concrete Fo	oundation and Str	Choice of Contact: Co Admin: Phone No Admin: ructure Contractors	
Detail(s)						
Waste Class: Waste Class			221 LIGHT FUELS			
Waste Class: Waste Class			252 WASTE OILS & LU	BRICANTS		
<u>48</u>	4 of 21		SSW/120.0	79.9 / -1.00	Andre Leblanc Cartage Ltd. 3000 Navan Road Gloucester ON K1C 7G4	CA
Certificate #: Application Y Issue Date: Approval Typ Status: Application T Client Name: Client Addres Client City: Client Postal Project Desci Contaminants Emission Col	/ear: be: Type: ss: Code: ription: s:		5555-4GHMJJ 2000 11/3/2000 Waste Managemen Approved	t Systems		
<u>48</u>	5 of 21		SSW/120.0	79.9 / -1.00	Andre Joseph Jean Leblanc 3000 Navan Road Gloucester ON K1C 7G4	CA
Certificate #: Application Y Issue Date: Approval Typ Status: Application T Client Name: Client Addres Client City: Client Postal Project Desci Contaminants Emission Col	/ear: be: fype: ss: Code: ription: s:		5555-4GHMJJ 2000 2/15/2000 Waste Managemen Amended	t Systems		
<u>48</u>	6 of 21		SSW/120.0	79.9/-1.00	Laurent Leblanc Limited 3000 Navan Road Gloucester ON K1C 7G4	CA
Certificate #: Application Y Issue Date: Approval Typ Status: Application T Client Name:	/ear: be: Гуре:		8685-4V7V2D 2001 4/9/2001 Waste Managemen Approved	t Systems		
118	erisinfo.c	<u>com</u>   Envi	ronmental Risk Info	ormation Service	es	Order No: 21031000068

	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Client Address Client City: Client Postal C Project Descrip Contaminants: Emission Cont	ode: ption:					
<u>48</u> 7	7 of 21		SSW/120.0	79.9/-1.00	Laurent Leblanc Ltd. 3000 Navan Rd Orléans ON K1C 7G4	SCT
Established: Plant Size (ft²): Employment:			01-SEP-59			
<u>Details</u> Description: SIC/NAICS Coo	de:		General-Line Buildir 416310	ng Supplies Whol	esaler-Distributors	
Description: SIC/NAICS Cod	de:		Construction, Trans 532410	portation, Mining,	and Forestry Machinery and Equipment Rental and Leasing	
Description: SIC/NAICS Cod	de:		Site Preparation Co 238910	ntractors		
Description: SIC/NAICS Coo	de:		Site Preparation Co 238910	ntractors		
<u>48</u> 8	8 of 21		SSW/120.0	79.9/-1.00	Laurent Leblanc Itd 3000 Navan road Orlean ON K1C 7G4	GEN
Generator No:		ON41419	965		PO Box No:	
Status: Approval Years		2009			Country: Choice of Contact:	
Contam. Facilit MHSW Facility:					Co Admin: Phone No Admin:	
SIC Code: SIC Description	n:	238110	Poured Concrete Fo	oundation and Str	ucture Contractors	
<u>Detail(s)</u>						
Waste Class: Waste Class De	esc:		221 LIGHT FUELS			
Waste Class: Waste Class De	esc:		252 WASTE OILS & LUI	BRICANTS		
<u>48</u> 9	9 of 21		SSW/120.0	79.9 / -1.00	Laurent Leblanc Itd 3000 Navan road Orlean ON K1C 7G4	GEN
Generator No:		ON41419	965		PO Box No:	
Status: Approval Years		2010			Country: Choice of Contact:	
Contam. Facilit MHSW Facility:					Co Admin: Phone No Admin:	
SIC Code: SIC Description	n:	238110	Poured Concrete Fo	oundation and Str	ucture Contractors	

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>						
Waste Class: Waste Class			252 WASTE OILS & LU	BRICANTS		
Waste Class: Waste Class I			221 LIGHT FUELS			
<u>48</u>	10 of 21		SSW/120.0	79.9 / -1.00	Laurent Leblanc Itd 3000 Navan road Orlean ON K1C 7G4	GEN
Generator No		ON4141	965		PO Box No:	
Status: Approval Yea Contam. Facil		2011			Country: Choice of Contact: Co Admin:	
MHSW Facilit SIC Code:		238110			Phone No Admin:	
SIC Description	on:	230110	Poured Concrete F	oundation and St	ructure Contractors	
<u>Detail(s)</u>						
Waste Class: Waste Class			221 LIGHT FUELS			
Waste Class: Waste Class I			252 WASTE OILS & LU	BRICANTS		
<u>48</u>	11 of 21		SSW/120.0	79.9/-1.00	Laurent Leblanc Itd 3000 Navan road Orleans ON	GEN
Generator No		ON4141	965		PO Box No:	
Status: Approval Yea	are -	2012			Country: Choice of Contact:	
Contam. Faci	lity:	2012			Co Admin:	
MHSW Facilit SIC Code:	y:	238110			Phone No Admin:	
SIC Description	on:	200110	Poured Concrete F	oundation and St	ructure Contractors	
<u>Detail(s)</u>						
Waste Class: Waste Class I			221 LIGHT FUELS			
Waste Class: Waste Class I			252 WASTE OILS & LU	BRICANTS		
<u>48</u>	12 of 21		SSW/120.0	79.9 / -1.00	Laurent Leblanc Itd 3000 Navan road Orleans ON	GEN
Generator No		ON4141	965		PO Box No:	
Status: Approval Yea	rs:	2013			Country: Choice of Contact:	
Contam. Faci	lity:				Co Admin:	
MHSW Facilit SIC Code:	-	238110			Phone No Admin:	
SIC Description	on:		POURED CONCRE	ETE FOUNDATIC	ON AND STRUCTURE CONTRACTORS	

Мар Кеу	Numbe Record		Elev/Diff (m)	Site		DB
<u>Detail(s)</u>						
Waste Class Waste Class	-	213 PETROLEUM DIS	TILLATES			
Waste Class Waste Class		252 WASTE OILS & LU	JBRICANTS			
Waste Class Waste Class		221 LIGHT FUELS				
<u>48</u>	13 of 21	SSW/120.0	79.9/-1.00	Andre Joseph Jea 3000 Navan Road Gloucester ON K	1	ECA
Approval No		5555-4GHMJJ		MOE District:	Ottawa	
Approval Da Status:	ite:	2000-02-15 Amended		City: Longitude:	-75.52158	
Record Type		ECA		Latitude:	45.43063	
Link Source		IDS		Geometry X:	-00000	
SWP Area N		Rideau Valley		Geometry Y:		
Approval Ty	•	ECA-WASTE MAN				
Project Type	):	WASTE MANAGE				
Address:	_	3000 Navan Road				
Full Address Full PDF Lin		https://www.acces	senvironment ene	.gov.on.ca/instruments/0	152-4GAMXP-14 pdf	
	κ.	nipo.,/ nimitadooo		.901.011.0211101.01101.0		
<u>48</u>	14 of 21	SSW/120.0	79.9/-1.00	Laurent Leblanc I 3000 Navan Road Gloucester ON K	1	ECA
Approval No	) <i>.</i>	8685-4V7V2D		MOE District:	Ottawa	
Approval Da		2001-04-09		City:	Olland	
Status:		Approved		Longitude:	-75.52158	
Record Type	e:	ECA		Latitude:	45.43063	
Link Source		IDS		Geometry X:		
SWP Area N		Rideau Valley		Geometry Y:		
Approval Ty		ECA-WASTE MAN WASTE MANAGE				
Project Type Address:		3000 Navan Road				
Full Address	s:					
Full PDF Lin		https://www.acces	senvironment.ene	.gov.on.ca/instruments/7	512-4U8QFA-14.pdf	
<u>48</u>	15 of 21	SSW/120.0	79.9/-1.00	Andre Leblanc Ca 3000 Navan Road Gloucester ON K	1	ECA
					0.1	
Approval No		5555-4GHMJJ		MOE District:	Ottawa	
Approval Da Status:	ne:	2000-11-03 Approved		City: Longitude:	-75.52158	
Record Type	<i></i>	Approved ECA		Longitude: Latitude:	45.43063	
Link Source		IDS		Geometry X:	10.10000	
SWP Area N		Rideau Valley		Geometry Y:		
Approval Ty		ECA-WASTE MAN	AGEMENT SYST			
Project Type	):	WASTE MANAGE		i		
Address:		3000 Navan Road				
Full Address		http:///	oon inone	any on onlinetaria - 1-		
Full PDF Lin	<b>N</b> :	nups://www.acces	senvironment.ene	.gov.on.ca/instruments/5	044-4QFQGE-14.put	

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>48</u>	16 of 21		SSW/120.0	79.9/-1.00	Laurent Leblanc Itd 3000 Navan road Orleans ON K1C 7G4		GEN
Generator I Status: Approval Y Contam. Faa MHSW Faci SIC Code: SIC Descrip	ears: cility: lity:	ON4141 2015 No No 238110		ETE FOUNDATIC	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL RACTORS	
<u>Detail(s)</u>							
Waste Clas Waste Clas			213 PETROLEUM DIS	TILLATES			
Waste Clas Waste Clas			252 WASTE OILS & LI	UBRICANTS			
Waste Clas Waste Clas			221 LIGHT FUELS				
<u>48</u>	17 of 21		SSW/120.0	79.9/-1.00	Laurent Leblanc Itd 3000 Navan road Orleans ON K1C 7G4		GEN
Generator N Status: Approval Yı Contam. Fa MHSW Faci SIC Code: SIC Descrip	ears: cility: lity:	ON4141 2016 No No 238110		ETE FOUNDATIC	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL RACTORS	
<u>Detail(s)</u>							
Waste Clas Waste Clas			213 PETROLEUM DIS	TILLATES			
Waste Clas Waste Clas			221 LIGHT FUELS				
Waste Clas Waste Clas			252 WASTE OILS & LI	UBRICANTS			
<u>48</u>	18 of 21		SSW/120.0	79.9 / -1.00	Laurent Leblanc Itd 3000 Navan road Orleans ON K1C 7G4		GEN
Generator N Status: Approval Yo Contam. Fa MHSW Faci SIC Code: SIC Descrip	ears: cility: lity:	ON4141 2014 No 238110		ETE FOUNDATIC	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada CO_OFFICIAL RACTORS	
<u>Detail(s)</u>							
Waste Class Waste Class			213 PETROLEUM DIS	TILLATES			

Map Key	Numbe Record		Elev/Diff (m)	Site		DE
Waste Class Waste Class		252 WASTE OILS & LUI	BRICANTS			
Waste Class Waste Class		221 LIGHT FUELS				
<u>48</u>	19 of 21	SSW/120.0	79.9/-1.00	Laurent Leblanc Itd 3000 Navan road Orleans ON K1C 7G4		GEN
Generator No Status: Approval Ye Contam. Fac MHSW Facili SIC Code: SIC Descript	ars: :ility: ity:	ON4141965 Registered As of Dec 2018		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada	
<u>Detail(s)</u>						
Waste Class Waste Class		213 I Petroleum distillates	;			
Waste Class Waste Class	-	213 T Petroleum distillates	;			
Waste Class Waste Class		221 I Light fuels				
Waste Class Waste Class		222 L Heavy fuels				
Waste Class Waste Class		252 L Waste crankcase oi	s and lubricants			
<u>48</u>	20 of 21	SSW/120.0	79.9/-1.00	2561678 ONTARIO INC 3000 NAVAN RD ORLEANS ON K1C 7G		EASR
Approval No Status: Date: Record Type Link Source: Project Type Full Address Approval Tyj Full PDF Lin	9: : :: :: pe:	R-004-5110517687 REGISTERED 2018-07-04 EASR MOFA Waste Management System EASR-Waste Manag http://www.accessed		SWP Area Name: MOE District: Municipality: Latitude: Longitude: Geometry X: Geometry Y: gov.on.ca/AEWeb/ae/ViewDoc	Rideau Valley Ottawa ORLEANS 45.43055556 -75.52166667 cument.action?documentR	efID=2073460
<u>48</u>	21 of 21	SSW/120.0	79.9 / -1.00	Laurent Leblanc Itd 3000 Navan road Orleans ON K1C 7G4		GEN
Generator No Status: Approval Ye Contam. Fac MHSW Facili SIC Code: SIC Descript	ars: :ility: ity:	ON4141965 Registered As of Jul 2020		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DI
Detail(s)						
Vaste Class: Vaste Class Do	esc:	252 L Waste crankcase oils	and lubricants			
Vaste Class: Vaste Class Do	esc:	213 T Petroleum distillates				
Vaste Class: Vaste Class De	esc:	213 I Petroleum distillates				
Vaste Class: Vaste Class Do	esc:	221 I Light fuels				
Vaste Class: Vaste Class Do	esc:	222 L Heavy fuels				
<u>49</u> 1	1 of 1	SE/138.1	79.9/-1.00	lot 6 con 3 ON		ww
Vell ID: Construction D rimary Water Sec. Water Use inal Well Statu Vater Type: Casing Materia Judit No: Casing Materia Loyation Relia Depth to Bedro Verburden/Be Ump Rate: Cathic Water Le Cowing (Y/N): Clow Rate: Clear/Cloudy: DF URL (Map)	Use: Domest e: 0 us: Water S hl: Method: ability: bock: edrock: evel:	ic Supply	dv.cloudfront.net	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 12/6/1960 Yes 1802 1 OTTAWA GLOUCESTER TOWNSHIP 006 03 OF	
	100234 95 r Bedrock d: 11/9/19 ce Date: ocation Source: ocation Method: on Comment:	¢		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	78.547744 18 459480.8 5030797 5 margin of error : 100 m - 300 m p5	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Materials Inte	erval				
Formation ID Layer: Color:		930991788 2			
General Colo Mat1: Most Commo Mat2:		11 GRAVEL 09			
Mat2 Desc: Mat3: Mat3 Desc:		MEDIUM SAND 13 BOULDERS			
Formation To Formation El	op Depth: nd Depth: nd Depth UOM:	52 95 ft			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID Layer: Color:		930991787 1 3			
General Colo Mat1: Most Commo Mat2:		BLUE 05 CLAY			
<i>Mat2 Desc: Mat3: Mat3 Desc: Formation To</i>	op Depth:	0			
Formation E	nd Depth: nd Depth UOM:	52 ft			
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID Layer: Color:		930991789 3 8 51 4 017			
General Colo Mat1: Most Commo Mat2:		BLACK 17 SHALE			
<i>Mat2 Desc: Mat3: Mat3 Desc: Formation To</i>	an Donth	95			
Formation E		95 125 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons	struction Code:	961501420 7 Diamond			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No:		10572033 1			

Comment: Alt Name:

# Construction Record - Casing

Casing ID:	930039807
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	100
Casing Diameter:	3
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Construction Record - Casing

Casing ID: Layer: Material:	930039808 2 4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	125
Casing Diameter:	3
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pump Test ID:	991501420
Pump Set At: Static Level:	9
Final Level After Pumping:	40
Recommended Pump Depth:	60
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	5
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: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM:	933454127 1 1 FRESH 120 ft			
50 1 of 4	ESE/151.5	80.9 / 0.00	Minto Communities Inc. 6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa Front), Geographic Town of Gloucester Ottawa ON	CA

Certificate #: Application Year: 5588-89SKM5 2010

Map Key	Numbe Record		Elev/Diff ) (m)	Site	DB
Issue Date: Approval Ty Status: Application Client Name Client Addre Client City: Client Posta Project Dest Contaminan Emission Co	Type: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2: 2:	10/8/2010 Municipal and Pr Approved	ivate Sewage Works		
<u>50</u>	2 of 4	ESE/151.5	80.9 / 0.00	Richcraft Homes Ltd. 6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa Front), Geographic Town of Gloucester Ottawa ON	СА
Certificate # Application Issue Date: Approval Ty Status: Application Client Name Client Addre Client City: Client Posta Project Dest Contaminan Emission Co	Year: rpe: Type: :: ess: Il Code: cription: its:	4214-8DRL23 2011 2/8/2011 Municipal and Pri Approved	ivate Sewage Works		
<u>50</u>	3 of 4	ESE/151.5	80.9 / 0.00	Richcraft Homes Ltd. 6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa Front), Geographic Town of Gloucester, City of Ottawa Ottawa ON K1G 4K1	ECA
Approval No Approval Da Status: Record Type Link Source SWP Area N Approval Ty Project Type Address: Full Address Full PDF Lin	nte: e: : lame: rpe: e: s:	MUNICIPAL AND 6151 Renaud Rd			
<u>50</u>	4 of 4	ESE/151.5	80.9 / 0.00	Minto Communities Inc. 6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa Front), Geographic Town of Gloucester, City of Ottawa Ottawa ON K1P 0B6	ECA
Approval No Approval Da Status: Record Type Link Source	nte: e:	5588-89SKM5 2010-10-08 Approved ECA IDS		MOE District: City: Longitude: Latitude: Geometry X:	

Мар Кеу	Number Records		Elev/Diff ) (m)	Site		DE
SWP Area Nai Approval Type Project Type: Address: Full Address: Full PDF Link:	e:	MUNICIPAL AND 6151 Renaud Rd		E WORKS	Town of Gloucester, City of Ottawa 893LH7-14.pdf	
<u>51</u>	1 of 3	S/156.8	79.9 / -1.00	Navan and Renaud R Ottawa ON K4B 1H9	oad	EHS
Order No: Status: Report Type: Report Date: Date Received Previous Site Lot/Building S Additional Info	Name: Size:	20200508091 C Custom Report 13-MAY-20 08-MAY-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.52079553 45.42985255	
<u>51</u>	2 of 3	S/156.8	79.9 / -1.00	Navan and Renaud Re Ottawa ON K4B 1H9	oad	EHS
Order No: Status: Report Type: Report Date: Date Received Previous Site Lot/Building S Additional Info	Name: Size:	20200508091 C Custom Report 13-MAY-20 08-MAY-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.52079553 45.42985255	
<u>51</u>	3 of 3	S/156.8	79.9/-1.00	Navan and Renaud R Ottawa ON K4B 1H9	oad	EHS
Order No: Status: Report Type: Report Date: Date Received Previous Site Lot/Building S Additional Info	Name: Size:	20200508091 C Custom Report 13-MAY-20 08-MAY-20		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.52079553 45.42985255	
<u>52</u>	1 of 12	SSE/161.5	79.0 / -1.91	MARCEL BRAZEAU L LOT 6, CONC. 3 OFF R.R.#9 GLOUCESTER ON K1	NAVAN ROAD C/O BOX 231	GEN
Generator No. Status: Approval Year Contam. Facil MHSW Facility SIC Code:	rs: lity:	ON1212200 89 4564		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:		
SIC Descriptio	on:	BULK DRY TRUC	KING			

# <u>Detail(s)</u>

erisinfo.com | Environmental Risk Information Services

Order No: 21031000068

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Waste Class			221 LIGHT FUELS			
Waste Class Waste Class			252 WASTE OILS & LU	BRICANTS		
<u>52</u>	2 of 12		SSE/161.5	79.0/-1.91	MARCEL BRAZEAU LTD. 26-391 3060 NAVAN ROAD GLOUCESTER ON K1G 3N5	GEN
Generator N	о:	ON1212	2200		PO Box No:	
Status: Approval Ye Contam. Fac	ility:	92,93,9	4,95,96,97,98		Country: Choice of Contact: Co Admin:	
MHSW Facili SIC Code: SIC Descript	•	4564	BULK DRY TRUCK	(ING	Phone No Admin:	
<u>Detail(s)</u>						
Waste Class Waste Class			221 LIGHT FUELS			
Waste Class Waste Class			252 WASTE OILS & LU	BRICANTS		
<u>52</u>	3 of 12		SSE/161.5	79.0/-1.91	MARCEL BRAZEAU LTD. 3060 NAVAN ROAD GLOUCESTER ON K1G 3N5	GEN
Generator No Status: Approval Yea Contam. Fac MHSW Facili	ars: :ility:		2200 1,02,03,04,05,06,07,0	8	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	
SIC Code: SIC Descript	tion:	4564	BULK DRY TRUCK	(ING		
<u>Detail(s)</u>						
Waste Class Waste Class			252 WASTE OILS & LU	BRICANTS		
Waste Class Waste Class			212 ALIPHATIC SOLVE	ENTS		
Waste Class Waste Class	-		221 LIGHT FUELS			
Waste Class Waste Class			251 OIL SKIMMINGS &	SLUDGES		
<u>52</u>	4 of 12		SSE/161.5	79.0 / -1.91	MARCEL BRAZEAU TOP SOIL 3060 NAVAN RD NAVAN ON	FSTH
License Issu Tank Status: Tank Status Operation Ty Facility Type	As Of: /pe:		10/1/2001 Licensed August 2007 Private Fuel Outlet Gasoline Station - S	Self Serve		

erisinfo.com | Environmental Risk Information Services

Мар Кеу	Number Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Details</u> Status: Year of Instal Corrosion Pro			Active 2001			
Capacity: Tank Fuel Ty	pe:		9280 Liquid Fuel Single \	Wall AST - Gasolir	ne	
Status: Year of Instal Corrosion Pro			Active 2001			
Capacity: Tank Fuel Ty <sub>l</sub>	pe:		1345 Liquid Fuel Single \	Wall AST - Gasolir	ne	
<u>52</u>	5 of 12		SSE/161.5	79.0 / -1.91	MARCEL BRAZEAU TOP SOIL 3060 NAVAN RD NAVAN ON	FSTH
License Issue Tank Status: Tank Status Operation Ty Facility Type:	As Of: pe:		10/1/2001 Licensed December 2008 Private Fuel Outlet Gasoline Station - S	Self Serve		
<u>Details</u> Status: Year of Instal Corrosion Pro Capacity: Tank Fuel Ty	otection:		Active 2001 9280 Liquid Fuel Single \	Nall AST - Gasolir	ne	
Status: Year of Instal Corrosion Pro			Active 2001			
Capacity: Tank Fuel Ty <sub>l</sub>	pe:		1345 Liquid Fuel Single \	Wall AST - Gasolir	ne	
<u>52</u>	6 of 12		SSE/161.5	79.0/-1.91	MARCEL BRAZEAU LTD. 3060 NAVAN ROAD GLOUCESTER ON K1W 1E9	GEN
Generator No Status:	):	ON1212	200		PO Box No: Country:	
Approval Yea Contam. Faci MHSW Facilit	ility:	2009			Choice of Contact: Co Admin: Phone No Admin:	
SIC Code: SIC Descripti	-	561730	Landscaping Servic	ces	Phone no Admin.	
<u>Detail(s)</u>						
Waste Class: Waste Class			212 ALIPHATIC SOLVE	ENTS		
Waste Class: Waste Class			221 LIGHT FUELS			
Waste Class: Waste Class			251 OIL SKIMMINGS &	SLUDGES		
Waste Class:			252			

Мар Кеу	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Waste Class	Desc:		WASTE OILS & LU	BRICANTS			
<u>52</u>	7 of 12		SSE/161.5	79.0 / -1.91	MARCEL BRAZEAU I 3060 NAVAN ROAD GLOUCESTER ON K		GEN
Generator N Status: Approval Ye Contam. Fac MHSW Facil SIC Code: SIC Descrip	ears: cility: lity:	ON1212: 2010 561730	200 Landscaping Servic	es	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:		
<u>Detail(s)</u>							
Waste Class Waste Class			212 ALIPHATIC SOLVE	INTS			
Waste Class Waste Class			251 OIL SKIMMINGS &	SLUDGES			
Waste Class Waste Class			252 WASTE OILS & LU	BRICANTS			
Waste Class Waste Class			221 LIGHT FUELS				
<u>52</u>	8 of 12		SSE/161.5	79.0 / -1.91	MARCEL BRAZEAU 3060 NAVAN RD NAV NAVAN RD NAVAN K ON	/AN K4B ON CA 3060	FST
Instance No Status: Cont Name: Instance Tyj Item Descrip Tank Type: Install Date: Install Year: Years in Ser Model: Description: Capacity: Tank Materia Corrosion P Overfill Prot Facility Type Parent Facil Facility Loca Device Insta	be: btion: rvice: al: rotect: fect: e: ity Type: ation:	FS LIQU FS Liquid Single W 10/1/200 2001 9.5 NULL 9280 Steel Coating	d Fuel Tank ID FUEL TANK d Fuel Tank /all Horizontal AST	e Fuel Outlet - Se AVAN K4B ON (	CA	NULL NULL 1 EA Gasoline NULL NULL	
Fuel Storage	e Tank Deta	<u>nils</u>					
Owner Acco	ount Name:		MARCEL BRAZEA	J TOP SOIL			
Liquid Fuel	Tank Detail	<u>'s</u>					
Overfill Prot Owner Acco		NULL	MARCEL BRAZEA	J TOP SOIL			

Мар Кеу	Numbei Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>52</u>	9 of 12		SSE/161.5	79.0 / -1.91	MARCEL BRAZEAU 1 3060 NAVAN RD NAV NAVAN RD NAVAN K ON	AN K4B ON CA 3060	FST
	pe: ption: rvice: : al: Protect: tect: e: lity Type:	FS LIQU FS Liqui Single W 10/1/200 2001 9.5 NULL 1345 Steel Coating	d Fuel Tank ID FUEL TANK d Fuel Tank /all Horizontal AST	te Fuel Outlet - Se NAVAN K4B ON (	CA	NULL NULL 1 EA Gasoline NULL NULL NULL	
Owner Acco	ount Name:		MARCEL BRAZE	AU TOP SOIL			
<u>Liquid Fuel</u> Overfill Prot Owner Acco		NULL	MARCEL BRAZE	AU TOP SOIL			
<u>52</u>	10 of 12		SSE/161.5	79.0/-1.91	Enbridge Gas Distrib 3060 Navan Rd Ottawa ON	ution Inc.	SPL
Ref No: Site No: Incident Dt: Year: Incident Cau Incident Eve Contaminan Contaminan Contaminan Contaminan Contaminan Receiving M Receiving E MOE Respo Dt MOE Arv MOE Report	use: ent: nt Code: nt Name: nt Limit 1: nit Freq 1: nt T No 1: nt Impact: npact: dedium: env: nse: nse: 1 on Scn:	2256-AR NA 10/2/201 Leak/Bre 35 NATURA 1075 Air No 10/2/201	7 eak AL GAS (METHANE	)	Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Region: Site Kegion: Site Kegion: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum:	2 - Minor Environment Corporation Miscellaneous Industrial 3060 Navan Rd Ottawa Eastern Ottawa 5030941.21 459389.33	
Dt Documer Incident Rea Site Name: Site County	nt Closed: ason:		r/Human Error Site of line strike<	UNOFFICIAL>	SAC Action Class: Source Type:	TSSA - Fuel Safety Branch - Hy Release/Spill Valve/Fitting/Piping	drocarbon Fu

Map Key	Number Records		Elev/Diff n) (m)	Site	DB
Site Geo Ref I Incident Sumn Contaminant (	mary:	TSSA FSB; 1" p 0 other - see inc			
<u>52</u>	11 of 12	SSE/161.5	79.0 / -1.91	PIPELINE HIT 1" 3060 NAVAN RD,,ORLÉANS,ON,K1W 1E9,CA ON	PINC
Incident ID: Incident No: Incident Repo Type: Status Code: Customer Acc Incident Addre	t Name:	2186506 11/6/2017 FS-Pipeline Incident PIPELINE HIT 1" 3060 NAVAN RD,,ORLÉA CA	NS,ON,K1W 1E9,	Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interupt: Enforce Policy: Public Relation:	
Tank Status: Task No: Spills Action ( Fuel Type: Fuel Occurren Date of Occur Occurrence Si Operation Typ Pipeline Type: Regulator Typ Summary: Reported By: Affiliation: Occurrence Do Damage Reaso Notes:	nce Tp: rence: tart Dt: be: : be: esc:	Non Mandated		Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location: Method Details:	
<u>52</u>	12 of 12	SSE/161.5	79.0 / -1.91	PIPELINE HIT 1" 3060 NAVAN RD,,OTTAWA,ON,K1W 1E9,CA ON	PINC
Incident ID: Incident No: Incident Repo Type: Status Code: Customer Acdre Tank Status: Task No: Spills Action O Fuel Type: Fuel Occurren Date of Occurr Occurrence St Operation Typ Pipeline Type: Regulator Typ Summary: Reported By: Affiliation: Occurrence Do Damage Rease	et Name: ess: Centre: Centre: ince Tp: rence: tart Dt: be: ce: esc:	2165568 10/2/2017 FS-Pipeline Incident PIPELINE HIT 1" 3060 NAVAN RD,,OTTAW Pipeline Damage Reason		Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interupt: Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location: Method Details:	

Map Key	Number Records		Elev/Diff (m)	Site		DE
<u>53</u>	1 of 2	SE/169.7	79.9 / -1.00	6126 RENAUD ROA GLOUCESTER ON I		HINC
xternal File	Num	FS INC 0701-0026	32			
uel Occurre		Pipeline Strike	)2			
ate of Occul	••	1/11/2007				
uel Type Inv		Natural Gas				
tatus Desc:		Complete				
ob Type Des		Incident/Near-Miss	s Occurrence (FS)			
per. Type In		Construction Site				
ervice Interi		No				
roperty Dan	nage:	No				
uel Life Cyc		Transmission, Dis	tribution and Transp	ortation		
oot Cause:						
eported Det	tails:					
uel Categor		Gaseous Fuel				
ccurrence 1	Гуре:	Incident				
ffiliation:		-	ler (Licensee/Regis	tration/Certificate Holder,	Facility Owner, etc.)	
ounty Name		Ottawa				
pprox. Quai						
earby body nter Drainag						
pprox. Quai						
nvironment						
<u>53</u>	2 of 2	SE/169.7	79.9 / -1.00	6126 RENAUD ROA GLOUCESTER ON I		HINC
xternal File	Num	FS INC 0701-0042	10			
uel Occurre		Pipeline Strike				
ate of Occu		1/11/2007				
uel Type Inv		Natural Gas				
tatus Desc:		Completed - Caus	al Analysis(End)			
ob Type Des	sc:	Incident/Near-Miss	s Occurrence (FS)			
per. Type In		Construction Site	(pipeline strike)			
ervice Interi		Yes				
roperty Dan	nage:	Yes				
uel Life Cyc	le Stage:		tribution and Transp			Vee Testates
oot Cause:			pment/Material/Com nt:No Human Fact		No Maintenance:No Design	:Yes Training:
eported Det		-				
uel Categor		Gaseous Fuel				
ccurrence 1	Гуре:	Incident				
ffiliation:			der (Licensee/Regist	tration/Certificate Holder,	Facility Owner, etc.)	
ounty Name		Ottawa				
pprox. Quai						
earby body	of water:					
	je syst.:					
nter Drainag	nt llnit.					
nter Drainag pprox. Quai						
nter Drainag						
nter Drainag pprox. Quai		W/173.0	78.1 / -2.82	AECON CONSTRUC LIMITED	CTION ONTARIO EAST	EASF
nter Drainag pprox. Quai nvironment	al Impact:	W/173.0	78.1 / -2.82		CTION ONTARIO EAST	EASF
nter Drainag pprox. Quai nvironment <u>54</u> pproval No:	al Impact: 1 of 1	R-009-8110705414	78.1 / -2.82	LIMITED ON SWP Area Name:	<b>CTION ONTARIO EAST</b> Rideau Valley	EASF
nter Drainag pprox. Quai nvironment <u>54</u> pproval No: tatus:	al Impact: 1 of 1	R-009-8110705414 REGISTERED	78.1 / -2.82	LIMITED ON SWP Area Name: MOE District:		EASF
nter Drainag pprox. Quai nvironment <u>54</u> pproval No: tatus: ate:	al Impact: 1 of 1	R-009-8110705414 REGISTERED 2018-11-26	78.1 / -2.82	LIMITED ON SWP Area Name: MOE District: Municipality:	Rideau Valley Ottawa	EASF
nter Drainag pprox. Quai nvironment <u>54</u> pproval No: tatus:	al Impact: 1 of 1	R-009-8110705414 REGISTERED	78.1 / -2.82	LIMITED ON SWP Area Name: MOE District:	Rideau Valley	EASF

Order No: 21031000068

	Record		Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Project Type: Full Address Approval Typ Full PDF Link	: )e:	Water Taking - Construction Dewatering EASR-Water Taking - Construction http://www.accessenvironment.ene.			ocument.action?documentRefID=2106805	
<u>55</u>	1 of 1	SE	E/179.2	79.9/-1.00	lot 6 con 4 ON	WWIS
Well ID:		1501528			Data Entry Status:	
Construction	Date:	1001020			Data Src:	1
Primary Wate		Domestic			Date Received:	7/6/1964
Sec. Water U		0			Selected Flag:	Yes
Final Well Sta	atus:	Water Supply			Abandonment Rec:	
Water Type:					Contractor:	1504
Casing Mater	rial:				Form Version:	1
Audit No:					Owner: Street Name:	
Tag: Construction	Method				County:	OTTAWA
Elevation (m)					Municipality:	GLOUCESTER TOWNSHIP
Elevation Rel					Site Info:	
Depth to Bed					Lot:	006
Well Depth:					Concession:	04
Overburden/l	Bedrock:				Concession Name:	OF
Pump Rate:	Lovali				Easting NAD83:	
Static Water   Flowing (Y/N,					Northing NAD83: Zone:	
Flow Rate:					UTM Reliability:	
Clear/Cloudy	:				·····,	
Bore Hole Inf	ormation					
Bore Hole ID:		10023571			Elevation:	77,499908
Bore Hole ID: DP2BR:	:	10023571 84			Elevation: Elevrc:	77.499908
					Elevrc: Zone:	18
DP2BR: Spatial Status Code OB:	s:	84 r			Elevrc: Zone: East83:	18 459525.8
DP2BR: Spatial Status Code OB: Code OB Des	s:	84			Elevrc: Zone: East83: North83:	18
DP2BR: Spatial Status Code OB: Code OB Des Open Hole:	s: 6C:	84 r			Elevrc: Zone: East83: North83: Org CS:	18 459525.8 5030762
DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind:	s: sc:	84 r Bedrock			Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 459525.8 5030762 5
DP2BR: Spatial Status Code OB: Code OB Des Open Hole:	s: sc:	84 r			Elevrc: Zone: East83: North83: Org CS:	18 459525.8 5030762
DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc:	s: sc: ted:	84 r Bedrock			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459525.8 5030762 5 margin of error : 100 m - 300 m
DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement	s: ted: trce Date: t Location S	84 r Bedrock 6/4/1964 Source: Method:			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459525.8 5030762 5 margin of error : 100 m - 300 m
DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou	s: ted: rce Date: t Location 1 t Location 1 sion Comm	84 r Bedrock 6/4/1964 Source: Method:			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459525.8 5030762 5 margin of error : 100 m - 300 m
DP2BR: Spatial Statu Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con	s: sc: ted: trce Date: t Location S t Location S sion Comm nment: and Bedroc	84 r Bedrock 6/4/1964 Source: Method: ent:			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459525.8 5030762 5 margin of error : 100 m - 300 m
DP2BR: Spatial Statu Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con <u>Overburden a</u> <u>Materials Inte</u>	s: sc: ted: t Location S t Location I sion Comm nment: and Bedroc erval	84 r Bedrock 6/4/1964 Source: Method: ent:	992079		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459525.8 5030762 5 margin of error : 100 m - 300 m
DP2BR: Spatial Statu Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con <u>Overburden a</u> <u>Materials Inte</u> Formation ID	s: sc: ted: t Location S t Location I sion Comm nment: and Bedroc erval	84 r Bedrock 6/4/1964 Source: Method: ent:	992079		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459525.8 5030762 5 margin of error : 100 m - 300 m
DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con <u>Overburden a</u> <u>Materials Inte</u> Formation ID Layer: Color:	s: ted: tcc Date: t Location S t Location I sion Comm nment: <u>and Bedroc</u> erval	84 r Bedrock 6/4/1964 Source: Method: ent: Ek	992079		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459525.8 5030762 5 margin of error : 100 m - 300 m
DP2BR: Spatial Statu Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con <u>Overburden a</u> <u>Materials Inte</u> Formation ID Layer: Color: General Colo	s: ted: tcc Date: t Location S t Location I sion Comm nment: <u>and Bedroc</u> erval	84 r Bedrock 6/4/1964 Source: Method: ent: Sk 9300 3 2 GRE			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459525.8 5030762 5 margin of error : 100 m - 300 m
DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con <u>Overburden a</u> <u>Materials Inte</u> Formation ID Layer: Color: General Colo Mat1:	s: ted: ted: t Location S t Location I sion Comm nment: and Bedroc erval :	84 r Bedrock 6/4/1964 Source: Method: ent: 3 2 GRE 15	ΞY		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459525.8 5030762 5 margin of error : 100 m - 300 m
DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con <u>Overburden a</u> <u>Materials Inte</u> Formation ID Layer: Color: General Colo Mat1: Most Commo	s: ted: ted: t Location S t Location I sion Comm nment: and Bedroc erval :	84 r Bedrock 6/4/1964 Source: Method: ent: 3 2 GRE 15			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459525.8 5030762 5 margin of error : 100 m - 300 m
DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con Overburden a Materials Inte Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2:	s: ted: ted: t Location S t Location I sion Comm nment: and Bedroc erval :	84 r Bedrock 6/4/1964 Source: Method: ent: 3 2 GRE 15	ΞY		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459525.8 5030762 5 margin of error : 100 m - 300 m
DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con <u>Overburden a</u> <u>Materials Inte</u> Formation ID Layer: Color: General Colo Mat1: Most Commo	s: ted: ted: t Location S t Location I sion Comm nment: and Bedroc erval :	84 r Bedrock 6/4/1964 Source: Method: ent: 3 2 GRE 15	ΞY		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459525.8 5030762 5 margin of error : 100 m - 300 m
DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sout Improvement Source Revis Supplier Con <u>Overburden a</u> <u>Materials Inte</u> Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc:	s: ted: ted: t Location S t Location I sion Comm nment: and Bedroc erval :	84 r Bedrock 6/4/1964 Source: Method: ent: 3 2 GRE 15	ΞY		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459525.8 5030762 5 margin of error : 100 m - 300 m
DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con <u>Overburden a</u> <u>Materials Inte</u> Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3:	s: ted: ted: t Location S t Location I sion Comm nment: and Bedroc erval :	84 r Bedrock 6/4/1964 Source: Method: ent: 3 2 GRE 15	ΞY		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459525.8 5030762 5 margin of error : 100 m - 300 m
DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Elevrc Desc: Location Sou Improvement Source Revis Supplier Con <u>Overburden a</u> <u>Materials Inte</u> Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3:	s: ted: ted: t Location S t Location I ion Comm nment: and Bedrood erval : r: on Material:	84 r Bedrock 6/4/1964 Source: Method: ent: 930 3 2 GRE 15 LIMI	ESTONE	rmation Servic	Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 459525.8 5030762 5 margin of error : 100 m - 300 m

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation To Formation E	nd Depth:	84 106			
Formation E	nd Depth UOM:	ft			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID	) <u>-</u>	930992077			
Layer: Color:		1			
General Colo Mat1:	or:	05			
Most Commo	on Material:	CLAY			
Mat2: Mat2 Desc:					
Mat3: Mat3 Decei					
Mat3 Desc: Formation To	op Depth:	0			
Formation E		80 ft			
Formation El	па Берті ООМ:	п			
Overburden a Materials Inte	and Bedrock erval				
Formation ID	) <u>:</u>	930992078			
Layer: Color:		2			
General Colo	or:	44			
Mat1: Most Commo	on Material:	11 GRAVEL			
Mat2: Mat2 Desc:					
Mat2 Desc. Mat3:					
Mat3 Desc: Formation To	on Denth:	80			
Formation E	nd Depth:	84			
Formation E	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons		961501528			
Method Cons Method Cons	struction Code: struction:	7 Diamond			
Other Metho	d Construction:				
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		10572141			
Casing No: Comment:		1			
Alt Name:					
Construction	n Record - Casing				
Casing ID:		930040002			
Layer: Material:		2 4			
Open Hole of		OPEN HOLE			
Depth From: Depth To:		106			
Casing Diam	eter:	2			

Map Key	Number o Records	f Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Casing Diam Casing Depth		inch ft				
<u>Construction</u>	Record - Cas	sing				
Casing ID:		930040001				
Layer:		1				
Material: Open Hole or	Matarial	1 STEEL				
Depth From:	wateriar.	SILLL				
Depth To:		89				
Casing Diam		2				
Casing Diam Casing Depth		inch ft				
Results of W	ell Yield Testi	ng				
Pump Test ID	) <u>;</u>	991501528				
Pump Set At:						
Static Level:	ftan Dumminan	12				
	fter Pumping: ed Pump Dep					
Pumping Rat		10				
Flowing Rate	e:	_				
Recommende Levels UOM:	ed Pump Rate	e: 6 ft				
Rate UOM:		GPM				
	After Test Coo					
Water State A		CLEAR				
Pumping Tes Pumping Dur		1 2				
Pumping Dur		0				
Flowing:		No				
Water Details	i					
Water ID:		933454238				
Layer:		1				
Kind Code:		1				
Kind: Water Found	Denth:	FRESH 106				
Water Found		ft				
56	1 of 1	SE/181.3	79.8 / -1.05	6102 RENARD ST		
_				OTTAWA ON		WWIS
Well ID:		300714		Data Entry Status:		
Construction Primary Wate		est Hole		Data Src: Date Received:	12/5/2017	
Sec. Water U		Ionitoring		Selected Flag:	Yes	
Final Well Sta		est Hole		Abandonment Rec:		
Water Type:				Contractor:	7241	
Casing Mater Audit No:		263680		Form Version: Owner:	7	
Audit No: Tag:		189878		Street Name:	6102 RENARD ST	
Construction	Method:			County:	OTTAWA	
Elevation (m)				Municipality:	GLOUCESTER TOWNSHIP	
Elevation Rel Depth to Bed				Site Info: Lot:		
Well Depth:				Concession:		
Overburden/I	Bedrock:			Concession Name:		
Pump Rate:				Easting NAD83:		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Static Water L Flowing (Y/N): Flow Rate: Clear/Cloudy:				Northing NAD83: Zone: UTM Reliability:		
PDF URL (Maj	o):					
Bore Hole Info	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Dese Open Hole: Cluster Kind:	c:	21		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	77.790771 18 459471 5030754 UTM83 4	
				UTMRC Desc: Location Method:	margin of error : 30 m - 100 m wwr	
Source Revisi Supplier Com						
<u>Overburden a</u> <u>Materials Inter</u>						
Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Formation Ence	r: n Material: 0 Depth: d Depth:	1007045531 3 2 GREY 05 CLAY 06 SILT 35 SOFT 5 12				
Formation Ene <u>Overburden a</u> <u>Materials Inter</u>	nd Bedrock	ı				
Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation End Formation End Formation End Formation End	c Depth: d Depth UOM:	1007045530 2 3 BROWN 05 CLAY 06 SILT 35 SOFT 1 5 t				
Materials Inter						
120	erisinfo.com   Enviro	nmental Risk Info	rmation Service	S	Order No: 210310	000068

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	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1007045529			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1: Most Common	Matarial	11 GRAVEL			
Mat2:	waterial.	GRAVEL			
Mat2 Desc:					
Mat2: Dese.		73			
Mat3 Desc:		HARD			
Formation Top	Depth:	0			
Formation End	Depth:	1			
Formation End	Depth UOM:	ft			
Annular Space/ Sealing Record	Abandonment				
Plug ID:		1007045539			
Layer:		1			
Plug From:		0			
Plug To:		1			
Plug Depth UO	И:	ft			
<u>Annular Space/</u> Sealing Record					
Plug ID:		1007045540			
Layer:		2			
Plug From:		1			
Plug To:		4			
Plug Depth UO	И:	ft			
<u>Annular Space/</u> Sealing Record					
Plug ID:		1007045541			
Layer:		3			
Plug From:		4			
Plug To:		12			
Plug Depth UO	И:	ft			
<u>Method of Cons</u> <u>Use</u>	struction & Well				
Mathed Company	uction ID-	1007045500			
Method Constru Method Constru		1007045538 D			
Method Constru Method Constru		D Direct Push			
Other Method C		Direct rush			
Pipe Informatio	<u>n</u>				
Pine ID:		1007045529			
Pipe ID: Casing No:		1007045528 0			
Comment:		0			
Alt Name:					
Construction R	ecord - Casing				
Casing ID:		1007045534			
Layer:		1			
Material:		5			

Мар Кеу	Number Records		Elev/Diff (m)	Site		DB
Open Hole or	Material:	PLASTIC				
Depth From:		0				
Depth To:		5				
Casing Diame		1.38				
Casing Diame		inch				
Casing Depth	n UOM:	ft				
<b>Construction</b>	Record - S	creen				
Screen ID:		1007045535				
Layer:		1				
Slot:		10				
Screen Top D		5				
Screen End D	-	12				
Screen Mater		5 ft				
Screen Depth Screen Diame		inch				
Screen Diame		1.66				
Screen Diame	eler.	1.00				
Water Details	i					
Water ID:		1007045533				
Layer:						
Kind Code:						
Kind:						
Water Found						
Water Found	Depth UON	<b>1:</b> ft				
Hole Diamete	<u>er</u>					
Hole ID:		1007045532				
Diameter:						
Depth From:		0				
Depth To:		12				
Hole Depth U Hole Diamete		ft inch				
		inch				
<u>57</u>	1 of 1	ESE/188.3	80.9 / 0.00	Renaud Rd and Nava Ottawa ON	n Rd	SPL
Ref No:		7246-8UXM48		Discharger Report:		
Site No:		04 11 11 1 40		Material Group:		
Incident Dt:		04-JUN-12		Health/Env Conseq:		
Year:				Client Type:		
Incident Caus Incident Ever				Sector Type:		
Contaminant		13		Agency Involved: Nearest Watercourse:		
Contaminant		DIESEL FUEL		Site Address:	Renaud Rd and Navan Rd	
Contaminant				Site District Office:		
Contam Limit				Site Postal Code:		
Contaminant				Site Region:		
Environment	Impact:	Not Anticipated		Site Municipality:	Ottawa	
Nature of Imp				Site Lot:		
		Sewage - Municipal/Private	and Commercial	Site Conc:		
	IV:	Discussed Field D		Northing:		
Receiving Me Receiving En				Easting:		
Receiving En MOE Respon	se:	Planned Field Response				
Receiving En MOE Respon Dt MOE Arvl	se: on Scn:	05-JUN-12		Site Geo Ref Accu:		
Receiving En MOE Respon Dt MOE Arvl o MOE Reporte	se: on Scn: ed Dt:			Site Map Datum:	Land Snills	
Receiving En MOE Respon Dt MOE Arvi MOE Reporte Dt Document	se: on Scn: ed Dt: t Closed:	05-JUN-12		Site Map Datum: SAC Action Class:	Land Spills	
Receiving En MOE Respon Dt MOE Arvl o MOE Reporte	se: on Scn: ed Dt: t Closed:	05-JUN-12	CIAL>	Site Map Datum:	Land Spills	

Map Key	Number Records			Site		DB
Site Geo Rei Incident Sun Contaminan	nmary:	MVA: TT 265L	DSL to ditch			
<u>58</u>	1 of 1	ESE/188.3	80.9/0.00	Navan Rd Renaud Rd Ottawa ON		EHS
Order No: Status:		20131111003 C		Nearest Intersection: Municipality:		
Report Type		C Custom Report		Client Prov/State:	ON	
Report Date.		19-NOV-13		Search Radius (km):	.25	
Date Receive		11-NOV-13		X:	-75.513565	
Previous Sit	e Name:			Y:	45.43005	
Lot/Building Additional Ir	Size: nfo Ordered.	Fire Insur. Map	os and/or Site Plans;	City Directory		
<u>59</u>	1 of 1	SE/193.1	79.9/-1.00	Orleans Printers Ltd. 6102 Renaud Rd Unit Orleans ON K1W 1E9	1	SCT
Established:	•	1986				
Plant Size (fi		2000				
Employment		4				
<u>-Details</u> Description: SIC/NAICS C		Quick Printing 323114				
Description: SIC/NAICS C		Digital Printing 323115				
Description: SIC/NAICS C		Other Printing 323119				
Description: SIC/NAICS (		Support Activit 323120	ies for Printing			
<u>60</u>	1 of 1	SE/204.0	79.8/-1.05	lot 6 con 4 ON		WWIS
Well ID:		1501529		Data Entry Status:		
Construction	n Date:	1001020		Data Src:	1	
Primary Wat		Domestic		Date Received:	11/30/1965	
Sec. Water L		0		Selected Flag:	Yes	
Final Well St		Water Supply		Abandonment Rec:	4504	
Nater Type:				Contractor:	1504	
Casing Mate	erial:			Form Version: Owner:	1	
Audit No: Tag:				Street Name:		
ay. Constructio	n Method:			County:	ΟΤΤΑΨΑ	
Elevation (m				Municipality:	GLOUCESTER TOWNSHIP	
Elevation Re				Site Info:		
Depth to Bee				Lot:	006	
Well Depth:	<u> </u>			Concession:	04	
Overburden/	/Bedrock:			Concession Name:	OF	
Pump Rate:	Lovali			Easting NAD83:		
Static Water Flowing (Y/N				Northing NAD83: Zone:		
Flow Rate:	·/·			UTM Reliability:		
Clear/Cloudy	v-			· ····································		

Clear/Cloudy:

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	

#### PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe\_mapping/downloads/2Water/Wells\_pdfs/150\1501529.pdf

#### Bore Hole Information

Bore Hole ID: DP2BR:	10023572 92	Elevation: Elevrc:	77.348266
Spatial Status:		Zone:	18
Code OB:	r	East83:	459460.8
Code OB Desc:	Bedrock	North83:	5030732
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	10/1/1965	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc: Location Source Date:			

#### Overburden and Bedrock Materials Interval

Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	930992080 1 3 BLUE 05 CLAY
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0 92 ft

## Overburden and Bedrock

<u>Materials Interval</u>

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	930992081 2 6 BROWN 17 SHALE
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	92 107 ft

#### Method of Construction & Well Use

Method Construction ID:	961501529
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

DB

#### Pipe Information

Pipe ID:	10572142
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID: Layer: Material:	930040003 1 1
Open Hole or Material: Depth From:	STEEL
Depth To:	95
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Construction Record - Casing

Casing ID: Layer: Material:	930040004 2 4
Open Hole or Material: Depth From:	OPEN HOLE
Depth To:	107
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### Results of Well Yield Testing

Pump Test ID:	991501529
Pump Set At: Static Level:	20
Final Level After Pumping:	25
Recommended Pump Depth:	30
Pumping Rate:	8
Flowing Rate:	
Recommended Pump Rate:	6
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:	30
Flowing:	No

#### Water Details

Water ID:	933454239 1
Layer: Kind Code:	1
Kind:	FRESH
Water Found Depth: Water Found Depth UOM:	107 ft
water i ound Depth OOM.	11

Map Key Number Records			Elev/Diff ) (m)	Site		DB
<u>61</u> 1 of 1		SE/210.8	79.1 / -1.77	6102 Renaud Rd Ottawa ON K1W1E9		EHS
Order No: Status: Report Type Report Date Date Receiv Previous Sit Lot/Building	: red: te Name: y Size:	20170821065 C Standard Report 28-AUG-17 21-AUG-17		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.518108 45.428868	
Additional li	nfo Ordered:	City Directory				
<u>62</u>	1 of 3	SSE/225.2	77.9 / -2.97	Enbridge Gas Distrib 6071 renaud Road, Ol Ottawa ON K1C 7G4		SPL
Ref No: Site No: Incident Dt: Year: Incident Cau Incident Eve Contaminan Contaminan Contaminan Contaminan Environmen Nature of Im Receiving E MOE Respo	ent: at Code: at Name: at Limit 1: at UN No 1: at Impact: apact: fedium: any: nse:	3767-86WMPR Possible Referral to others		Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Conc Bef Agents		
Dt MOE Arv. MOE Report Dt Documer Incident Rea	ted Dt: nt Closed:	6/30/2010 7/12/2010		Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	TSSA - Fuel Safety Branch	
Site Name: Site County, Site Geo Re Incident Sui	f Meth: mmary:		id, Orleans <unoff< td=""><td></td><td></td><td></td></unoff<>			
Contaminan	nt Qty:					
<u>62</u>	2 of 3	SSE/225.2	77.9 / -2.97	Enbridge Gas Distribu 6071 renaud Road, Ol Ottawa ON K1C 7G4		SPL
Ref No: Site No: Incident Dt: Year: Incident Cau Incident Eve Contaminan Contaminan Contaminan Contaminan Environmen Nature of Im Receiving M	use: ent: et Code: et Name: et Limit 1: et Impat: et UN No 1: et Impact: npact: ledium:	3767-86WMPR Possible		Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Region: Site Municipality: Site Lot: Site Conc:		
Receiving Env: MOE Response:		Referral to others		Northing: Easting:		

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Order No: 21031000068

Map Key	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Dt MOE Arvl o MOE Reporte Dt Document Incident Reas Site Name: Site County/E	d Dt: Closed: son: District:	6/30/2010 7/12/2010	6071 renaud Road	Orleans <unoff< th=""><th>Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type: FICIAL&gt;</th><th>TSSA - Fuel Safety Branch</th><th></th></unoff<>	Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type: FICIAL>	TSSA - Fuel Safety Branch	
Site Geo Ref I Incident Sum Contaminant	mary:	F	Pipeline stke, 4 inc	h plstic main, EG	to make safe		
<u>62</u>	3 of 3		SSE/225.2	77.9 / -2.97	6071 Renaud Road, O ON K1C 7G4	rleans	INC
Incident No:		416666			Any Health Impact:		
Incident ID:		2568366			Any Enviro Impact:		
Instance No:					Service Interrupted:		
Status Code:			alysis Complete		Was Prop Damaged:		
Attribute Cate	egory:	FS-Inciden	t		Reside App. Type:		
Context: Date of Occu					Commer App. Type:		
Time of Occu					Indus App. Type: Institut App. Type:		
Incident Crea					Venting Type:		
Instance Crea					Vent Conn Mater:		
Instance Insta	all Dt:				Vent Chimney Mater:		
Occur Insp St					Pipeline Type:	Main Distribution Pipeline	
Approx Quan					Pipeline Involved:		
Tank Capacit					Pipe Material:	Plastic	
Fuels Occur 1 Fuel Type Inv					Depth Ground Cover: Regulator Location:	.7m	
Enforcement					Regulator Type:		
Prc Escalatio	•				Operation Pressure:	IP	
Tank Material	•				Liquid Prop Make:		
Tank Storage	Type:				Liquid Prop Model:		
Tank Location					Liquid Prop Serial No:		
Pump Flow R	ate Cap:				Liquid Prop Notes:		
Task No: Notes:					Equipment Type: Equipment Model:		
Notes: Drainage Sys	tom.				Serial No:		
Sub Surface (					Cylinder Capacity:		
Aff Prop Use					Cylinder Cap Units:		
Contam. Migr					Cylinder Mat Type:		
Contact Natu					Near Body of Water:		
Incident Loca			6071 Renaud Road				
Occurence Na Operation Tyj		l	I" line not identified ine and dug withou		e, excavation companies failed	d to call to clarify locate upon finding	g in active 2
Item:		-					
Item Descript							
Device Install	ed Location	n:					
<u>63</u>	1 of 1		NW/226.8	80.9 / 0.00	MINTO DEVELOPMEN CASTLE PINES WAY/ GLOUCESTER CITY C	AUBURN RIDGE	CA
Certificate #:		-	7-0575-94-				
Application Y	ear:		)4				
Issue Date:			7/11/1994				
Approval Typ	e:		Junicipal water				
Status:		ŀ	Approved				
Application T	ype:						
Client Name:							
Client Addres							

	Number Records		Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Client City:							
Client Postal	l Code:						
Project Desc	ription:						
Contaminant	•						
Emission Co							
<u>64</u>	1 of 1		ESE/227.6	80.9 / 0.00	lot 5 con 4 ON		www
Well ID:		1509638			Data Entry Status:		
Construction					Data Src:	1	
Primary Wate		Domestic			Date Received:	6/15/1968	
Sec. Water U		0			Selected Flag:	Yes	
Final Well St	atus:	Water Sup	ply		Abandonment Rec:		
Water Type:					Contractor:	1517	
Casing Mate	rial:				Form Version:	1	
Audit No:					Owner:		
Tag:					Street Name:		
Construction	n Method:				County:	OTTAWA	
Elevation (m Elevation Re	liability:				Municipality: Site Info:	GLOUCESTER TOWNSHIP	
Depth to Bec	drock:				Lot:	005	
Well Depth:					Concession:	04	
Overburden/	Bedrock:				Concession Name:	OF	
Pump Rate:					Easting NAD83:		
Static Water	Level:				Northing NAD83:		
Flowing (Y/N	I):				Zone:		
Flow Rate:	,				UTM Reliability:		
Clear/Cloudy	/:				-		
PDF URL (Ma	ap):		https://d2khazk8e83	Brdv.cloudfront.n	et/moe_mapping/downloads	/2Water/Wells_pdfs/150\1509638.pdf	
Bore Hole In	formation						
		10031670			Elevation:	83.4412	
Bore Hole ID		10031670 118			Elevation: Elevrc:	83.4412	
<u>Bore Hole In</u> Bore Hole ID DP2BR: Spatial Statu	):					83.4412 18	
Bore Hole ID DP2BR:	):				Elevrc:		
Bore Hole ID DP2BR: Spatial Statu Code OB:	): IS:	118			Elevrc: Zone:	18	
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De:	): IS:	118 r			Elevrc: Zone: East83: North83:	18 459700.8	
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De: Open Hole:	): IS: SC:	118 r			Elevrc: Zone: East83:	18 459700.8	
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De: Open Hole: Cluster Kind	): IS: SC: I:	118 r			Elevrc: Zone: East83: North83: Org CS:	18 459700.8 5030882	
Bore Hole ID DP2BR: Spatial Statu	): IS: SC: I: eted:	118 r Bedrock			Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 459700.8 5030882 5	
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De: Open Hole: Cluster Kind Date Comple Remarks: Elevrc Desc:	): IS: SC: I: eted:	118 r Bedrock			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459700.8 5030882 5 margin of error : 100 m - 300 m	
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De: Open Hole: Cluster Kind Date Comple Remarks: Elevrc Desc: Location Sou Improvemen	): sc: sc: eted: urce Date: t Location S	118 r Bedrock 2/1/1968 Source: Method:			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459700.8 5030882 5 margin of error : 100 m - 300 m	
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De: Open Hole: Cluster Kind Date Comple Remarks:	): sc: sc: eted: urce Date: t Location I sion Comm	118 r Bedrock 2/1/1968 Source: Method:			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459700.8 5030882 5 margin of error : 100 m - 300 m	
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De: Open Hole: Cluster Kind Date Comple Remarks: Elevrc Desc: Location Sou Improvemen Source Revis Supplier Cor	o: sc: sc: eted: t Location S t Location I sion Comm mment: and Bedroo	118 r Bedrock 2/1/1968 Source: Method: ent:			Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459700.8 5030882 5 margin of error : 100 m - 300 m	
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De: Open Hole: Cluster Kind Date Comple Remarks: Elevrc Desc: Location Sou Improvemen Source Revis Supplier Cor Overburden Materials Inte	b: sc: sc: eted: t Location S t Location I sion Comm mment: <u>and Bedroc</u> <u>erval</u>	118 r Bedrock 2/1/1968 Source: Method: ent:	931012639		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459700.8 5030882 5 margin of error : 100 m - 300 m	
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB Des Open Hole: Cluster Kind Date Comple Remarks: Elevrc Desc: Location Sou Improvemen Source Revis Supplier Cor <u>Overburden</u> Materials Inter Formation ID	b: sc: sc: eted: t Location S t Location I sion Comm mment: <u>and Bedroc</u> <u>erval</u>	118 r Bedrock 2/1/1968 Source: Method: ent:	931012639		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459700.8 5030882 5 margin of error : 100 m - 300 m	
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB Des Open Hole: Cluster Kind Date Comple Remarks: Elevrc Desc: Location Sou Improvemen Source Revis Supplier Cor <u>Overburden</u> <u>Materials Inte</u> Formation ID Layer:	b: sc: sc: eted: t Location S t Location I sion Comm mment: <u>and Bedroc</u> <u>erval</u>	118 r Bedrock 2/1/1968 Source: Method: ent:	931012639 5		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459700.8 5030882 5 margin of error : 100 m - 300 m	
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De: Dpen Hole: Cluster Kind Date Comple Remarks: Elevrc Desc: Location Sou mprovemen Source Revis Supplier Con Dverburden Materials Inte Cormation ID Layer: Color:	): sc: sc: eted: t Location S t Location I sion Common mment: <u>and Bedroc</u> <u>erval</u> D:	118 r Bedrock 2/1/1968 Source: Method: ent:	931012639 5 8		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459700.8 5030882 5 margin of error : 100 m - 300 m	
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De: Dpen Hole: Cluster Kind Date Comple Remarks: Elevrc Desc: Location Sou mprovemen Source Revis Supplier Con <u>Dverburden</u> <u>Materials Inte</u> Formation ID Layer: Color: General Colo	): sc: sc: eted: t Location S t Location I sion Common mment: <u>and Bedroc</u> <u>erval</u> D:	118 r Bedrock 2/1/1968 Source: Method: ent:	931012639 5 8 BLACK		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459700.8 5030882 5 margin of error : 100 m - 300 m	
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De: Open Hole: Cluster Kind Date Comple Remarks: Elevrc Desc: Location Sou Improvemen Source Revis Supplier Con Materials Intu Formation ID Layer: Color: General Colo Mat1:	): IS: SC: Sc: Attack Standard	118 r Bedrock 2/1/1968 Source: Method: ent:	931012639 5 8 BLACK 26		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459700.8 5030882 5 margin of error : 100 m - 300 m	
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De: Open Hole: Cluster Kindle Remarks: Elevrc Desc: Location Sou Improvemen Source Revis Supplier Cor Overburden Materials Inte Formation IE Layer: Color: General Colo Mat1: Most Commo	): IS: SC: Sc: Attack Standard	118 r Bedrock 2/1/1968 Source: Method: ent:	931012639 5 8 BLACK		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459700.8 5030882 5 margin of error : 100 m - 300 m	
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De: Open Hole: Cluster Kind Edevrc Desc: Location Sou Improvemen Source Revis Supplier Cor <u>Overburden</u> Materials Inte Formation IE Layer: Color: General Colo Mat1: Most Commo	): IS: SC: Sc: Attack Standard	118 r Bedrock 2/1/1968 Source: Method: ent:	931012639 5 8 BLACK 26		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459700.8 5030882 5 margin of error : 100 m - 300 m	
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De: Open Hole: Cluster Kind Date Comple Remarks: Elevrc Desc: Location Sou Improvemen Source Revis Supplier Con Materials Intu Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc:	): IS: SC: Sc: Attack Standard	118 r Bedrock 2/1/1968 Source: Method: ent:	931012639 5 8 BLACK 26		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459700.8 5030882 5 margin of error : 100 m - 300 m	
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De: Open Hole: Cluster Kind Date Comple Remarks: Elevrc Desc: Location Sou Improvemen Source Revis Supplier Cor <u>Overburden</u> Supplier Cor <u>Overburden</u> Formation IE Layer: Color: General Colo Mat1: Most Commo	): IS: SC: Sc: Attack Standard	118 r Bedrock 2/1/1968 Source: Method: ent:	931012639 5 8 BLACK 26		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459700.8 5030882 5 margin of error : 100 m - 300 m	
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De: Dpen Hole: Cluster Kind Date Comple Remarks: Elevrc Desc: Jocation Sou mprovemen Source Revis Supplier Con <u>Dverburden</u> Supplier Con <u>Dverburden</u> Source Revis Supplier Con Source Revis Supplier Con Source Revis Supplier Con Materials Inte Source Con Materials Color Mat1: Most Commo	): IS: SC: Sc: Attack Standard	118 r Bedrock 2/1/1968 Source: Method: ent:	931012639 5 8 BLACK 26		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459700.8 5030882 5 margin of error : 100 m - 300 m	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:		440			
Formation Te Formation E	op Deptn: ad Dopth:	118 128			
	nd Depth. nd Depth UOM:	ft			
<u>Overburden</u> <u>Materials Int</u>	<u>and Bedrock</u> erval				
Formation IL	):	931012637			
Layer:		3			
Color:		3			
General Colo	or:	BLUE			
Mat1: Most Comm	on Matorial:	05 CLAY			
Most Comm Mat2: Mat2 Desc: Mat3:	on material.	CLAT			
Mat3 Desc:					
Formation T	op Depth:	30			
Formation E	nd Depth:	110			
Formation E	nd Depth UOM:	ft			
<u>Overburden</u> Materials Int	<u>and Bedrock</u> erval				
Formation ID	D:	931012635			
Layer:		1			
Color:					
General Colo Mat1:	or:	23			
Most Comm	on Material:	PREVIOUSLY DUG			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:	an Danth	0			
Formation Te Formation E	op Deptn: nd Depth:	0 12			
	nd Depth UOM:	ft			
<u>Overburden</u> <u>Materials Int</u>	<u>and Bedrock</u> erval				
Formation ID	D:	931012638			
Layer:		4			
Color:					
General Colo	or:	00			
Mat1: Most Comm	on Material:	28 SAND			
Mat2:	on waterial.	SAND			
Mat2 Desc:					
Mat3:					
Mat3 Desc:	D ()-	110			
Formation Te Formation E	op Depth: nd Depth:	110 118			
	nd Depth: nd Depth UOM:	ft			
<u>Overburden</u> <u>Materials Int</u>	<u>and Bedrock</u> erval				
Formation IL	D:	931012636			
Layer:		2			
Color:					

	mber of cords	Direction/ Distance (m)	Elev/Diff (m)	Site	D
General Color: Mat1:		07			
Nost Common Mat	erial:	QUICKSAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:		40			
Formation Top Dep Formation End Dep		12 30			
Formation End Dep		ft			
Method of Construe <u>Jse</u>	ction & Well	-			
Method Construction Method Construction		961509638 1			
Method Construction		Lable Tool			
Other Method Cons					
Pipe Information					
Pipe ID:		10580240			
Casing No:		1			
Comment:					
Alt Name:					
Construction Reco	<u>rd - Casing</u>				
Casing ID:		930055980			
Layer:		2			
Material:		4			
Open Hole or Mater	rial:	OPEN HOLE			
Depth From: Depth To:		128			
Casing Diameter:		5			
Casing Diameter U	ОМ:	inch			
Casing Depth UOM		ft			
Construction Reco	<u>rd - Casing</u>				
Casing ID:		930055979			
layer:		1			
Material:		1			
Open Hole or Mater	rial:	STEEL			
Depth From: Depth To:		118			
Casing Diameter:		5			
Casing Diameter U	ОМ:	inch			
Casing Depth UOM		ft			
Results of Well Yie	<u>ld Testing</u>				
Pump Test ID:		991509638			
Pump Set At:					
Static Level:		25			
Final Level After Pu	umping:	40 50			
Recommended Pur Pumping Rate:	np Depth:	50 8			
Flowing Rate:		o			
Recommended Pur	mp Rate:	4			
Levels UOM:	/- · · · · · · · · · · · · · · · · · · ·	ft			
Rate UOM:		GPM			

Мар Кеу	Number Record			Elev/Diff m)	Site		DB
Water State J Water State J Pumping Tes Pumping Du Pumping Du Flowing:	After Test: st Method: ration HR:	2 CLOUDY 1 0 30 No					
Water Details	<u>s</u>						
Water ID: Layer: Kind Code: Kind: Water Found Water Found	•	93346452 1 1 FRESH 127 <b>//:</b> ft	24				
<u>65</u>	1 of 2	E/230.4	80	0.9 / 0.00	TREMBLAY CONSTR 700 MORNINGSTAR V 0G6,CA ON	UCTION VAY,,OTTAWA,ON,K1W	PINC
Incident ID: Incident No: Incident Rep Type: Status Code. Customer Ad Incident Add Tank Status: Task No: Spills Action Fuel Type: Fuel Occurre Date of Occu Occurrence Operation Ty Pipeline Typ Summary: Reported By Affiliation: Occurrence Damage Rea Notes:	orted Dt: cct Name: lress: Centre: ence Tp: irrence: Start Dt: /pe: e: /pe: c Desc:	Bernie Mo	TRUCTION R WAY,,OTT, eason Est	VAY, OTTAV RIDGE	Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interupt: Enforce Policy: Public Relation: Pipeline System: Depth: Pipe Material: PSIG: Attribute Category: Regulator Location: Method Details:	Natural Gas No Yes FS-Perform P-line Inc Invest E-mail	
<u>65</u>	2 of 2	E/230.4	80	0.9/0.00	Enbridge Gas Distribu 700 Morningstar Way Ottawa ON		SPL
Ref No: Site No: Incident Dt: Year: Incident Cau Incident Eve Contaminant Contaminant Contaminant Contaminant Contaminant	nt: t Code: t Name: t Limit 1: it Freq 1: t UN No 1:	4350-ABNHGR NA 2016/07/07 Leak/Break 35 NATURAL GAS (MI	ETHANE)		Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality:	Miscellaneous Industrial 700 Morningstar Way Ottawa	

DB		Site	Elev/Diff (m)	Direction/ Distance (m)		Numbe Record	Map Key
		Site Lot: Site Conc:					Nature of Im Receiving M
		Northing:			Air		Receiving Er
		Easting:			No		MOE Respor
		Site Geo Ref Accu:			2016/07/08		Dt MOE Arvl
		Site Map Datum:					MOE Report
Safety Branch - Hydrocarbon Fu ll	TSSA - Fuel Safe Release/Spill	SAC Action Class:			2016/08/10	ent Closed:	Dt Documen
		Source Type:		iman Error	Operator/Hu	eason:	Incident Rea
		21	FFICIAL>	L Strike Site <uno< td=""><td>PL</td><td>:</td><td>Site Name:</td></uno<>	PL	:	Site Name:
						y/District:	Site County/
						ef Meth:	Site Geo Ref
			Strike, made safe.	SSA: FSB 1/2" PL	TS	ummary:	Incident Sun
				L	0 L	nt Qty:	Contaminant

<u>66</u>	1 of 1	SE/238.0	79.2 / -1.69	6102 RENAUD ST OTTAWA ON		WWIS
Well ID: Constructio Primary Wat Sec. Water U Final Well S Water Type: Casing Mate Audit No: Tag: Constructio Elevation (n Elevation Re Depth to Be Well Depth: Overburden Pump Rate: Static Water Flowing (Y/I Flow Rate: Clear/Cloud PDF URL (M	ter Use: Use: tatus: erial: n Method: n): eliability: drock: /Bedrock: /Bedrock: v Level: v):	7300645 Test Hole Monitoring Observation Wells Z263682 A189877		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	12/5/2017 Yes 7241 7 6102 RENAUD ST OTTAWA GLOUCESTER TOWNSHIP	
Bore Hole Ir DP2BR: Spatial State Code OB: Code OB De Open Hole: Cluster Kinc Date Comple Remarks: Elevrc Desc Location So Improvemen	D: us: esc: d: eted: : : urce Date: nt Location			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	76.455329 18 459509 5030699 UTM83 4 margin of error : 30 m - 100 m wwr	

#### Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Formation ID:		1007044328			
Layer:		3			
Color:		2			
General Color: Mat1:		GREY 05			
Most Common	Material:	CLAY			
Mat2:					
Mat2 Desc:					
Mat3:		85 80FT			
Mat3 Desc: Formation Top	Denth:	SOFT 6			
Formation End	Depth:	15			
Formation End		ft			
<u>Overburden and</u> <u>Materials Interv</u>					
Formation ID:		1007044327			
Layer:		2			
Color:		6			
General Color: Mat1:		BROWN 05			
Most Common	Material	CLAY			
Mat2:	material.	06			
Mat2 Desc:		SILT			
Mat3:		85			
Mat3 Desc:	Donth	SOFT			
Formation Top Formation End	Depth: Depth:	1 6			
Formation End		ft			
<u>Overburden and</u> Materials Interv					
Formation ID:		1007044326			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1: Most Common	Matorial:	11 GRAVEL			
Mat2:	material.	28			
Mat2 Desc:		SAND			
Mat3:		73			
Mat3 Desc:	Donéhi	HARD			
Formation Top Formation End	Depth: Depth:	0 1			
Formation End	Depth UOM:	ft			
Annular Space/ Sealing Record	Abandonment				
Plug ID:		1007044338			
Layer:		3			
Plug From: Plug To:		4 15			
Plug Depth UO	М:	ft			
<u>Annular Space/</u> Sealing Record					
Plug ID:		1007044336			
Layer:		1			
		wironmontal Pick Info			Order No: 21021000068

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug From:		0			
Plug To:		1			
Plug Depth L	JOM:	ft			
<u>Annular Spa</u> Sealing Reco	<u>ce/Abandonment</u> ord				
Plug ID:		1007044337			
Layer:		2			
Plug From:		1			
Plug To: Plug Depth U	IOM:	4 ft			
Plug Depth C	<i>JOM:</i>	π			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons	struction ID:	1007044335			
Method Cons	struction Code:	D			
Method Cons		Direct Push			
Other Metho	d Construction:	Т			
<u>Pipe Informa</u>	tion				
Pipe ID:		1007044325			
Casing No:		0			
Comment:					
Alt Name:					
<u>Constructior</u>	n Record - Casing				
Casing ID:		1007044331			
Layer:		1			
Material:		5			
Open Hole o		PLASTIC			
Depth From:		0 5			
Depth To: Casing Diam	otor:	1.38			
Casing Diam		inch			
Casing Dept		ft			
<u>Constructior</u>	n Record - Screen				
Screen ID:		1007044332			
Layer:		1			
Slot:		10			
Screen Top I	Depth:	5			
Screen End		15 5			
Screen Mate Screen Depti		5 ft			
Screen Depu		inch			
Screen Diam		1.66			
Water Details	<u>S</u>				
Water ID:		1007044330			
Layer:					
Kind Code:					
Kind:					

ft

Map Key Number Record			Direction/ Distance (m)	Elev/Diff (m)	Site		DE
Hole Diameter	r						
Hole ID: Diameter: Depth From: Depth To: Hole Depth UC Hole Diameter			1007044329 2.375 0 15 ft inch				
<u>67</u>	1 of 1		SE/241.2	78.9 / -2.00	6102 RENAUD ST OTTAWA ON		wwis
Construction Date:Primary Water Use:Test HSec. Water Use:MonitorFinal Well Status:ObserWater Type:Casing Material:Audit No:Z26360		7300715 Test Hol Monitorii Observa Z26368 <sup>7</sup> A19004 <sup>7</sup>	e ng tion Wells		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	12/5/2017 Yes 7241 7 6102 RENAUD ST OTTAWA GLOUCESTER TOWNSHIP	
Bore Hole Info Bore Hole ID:	ormation	1006862	2427		Elevation: Elevrc:	76.404884	
DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 10/2/2 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Method:	7		Zone: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc: Location Method:	18 459476 5030694 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Overburden a</u> Materials Inter		<u>ck</u>					
Formation ID: Layer: Color:			1007046203 1 2				

2 GREY

GRAVEL

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2: Mat2 Desc: Mat3: Mat3 Desc:		28 SAND 85 SOFT			
Formation To Formation Er	nd Depth:	0 1			
Formation Er	nd Depth UOM:	ft			
<u>Overburden a</u> <u>Materials Inte</u>					
Formation ID Layer:	:	1007046205 3			
Color:		2			
General Colo	or:	GREY			
Mat1:		05			
Most Commo Mat2:	on Material:	CLAY 06			
Mat2 Desc:		SILT			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation To	op Depth:	6			
Formation Er	nd Depth:	15			
Formation Ei	nd Depth UOM:	ft			
Overburden a Materials Inte					
Formation ID	:	1007046204			
Layer:		2			
Color:		6			
General Colo Mat1:	or:	BROWN 05			
Most Commo	on Material	CLAY			
Mat2:	in material.	06			
Mat2 Desc:		SILT			
Mat3:		85			
Mat3 Desc:		SOFT			
Formation To	op Depth:	1			
Formation Er Formation Er	nd Depth: nd Depth UOM:	6 ft			
	ce/Abandonment				
Sealing Reco	<u>pra</u>				
Plug ID:		1007046214			
Layer: Plug From:		2 1			
Plug From: Plug To:		4			
Plug Depth U	IOM:	ft			
<u>Annular Spaces Sealing Reco</u>	ce/Abandonment ord				
Plug ID:		1007046215			
Layer:		3			
Plug From:		4			
Plug To:		15			
Plug Depth U	IOM:	ft			
<u>Annular Space</u> Sealing Reco	<u>ce/Abandonment</u> ord				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1007046213			
Layer:		1			
Plug From:		0			
Plug To: Plug Depth U	OM·	1 ft			
r lug Depir o	<b>C</b>	i.			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons		1007046212			
	truction Code:	D Direct Duck			
Method Cons Other Method	truction: Construction:	Direct Push			
Pipe Informat	<u>tion</u>				
Pipe ID:		1007046202			
Casing No:		0			
Comment: Alt Name:					
<u>Construction</u>	Record - Casing				
Casing ID:		1007046208			
Layer:		1			
Material: Open Hole or	Matorial	5 PLASTIC			
Depth From:	Waleriai.	0			
Depth To:		5			
Casing Diam	eter:	1.38			
Casing Diame Casing Depth	eter UOM: n UOM:	inch ft			
<u>Construction</u>	Record - Screen				
Screen ID:		1007046209			
Layer:		1			
Slot:		10			
Screen Top D	Depth:	5			
Screen End L Screen Mater		15 5			
Screen Depth		ft			
Screen Diame	eter UOM:	inch			
Screen Diam	eter:	1.66			
Water Details	ł				
Water ID:		1007046207			
Layer:					
Kind Code: Kind:					
Kind: Water Found	Depth:				
Water Found	Depth UOM:	ft			
<u>Hole Diamete</u>	<u>er</u>				
Hole ID:		1007046206			
Diameter:		2.375			
Depth From:		0 15			
Depth To:		15			

Map Key	Numbe Record		Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Hole Depth Hole Diamet			ft inch				
<u>68</u>	1 of 8		N/248.8	83.0/2.08	1310034 Ontario Ind 2624 Page Rd. Ottawa ON K1W 1E	s. Cob National Coatings 8	GEN
Generator N Status:	lo:	ON41005	513		PO Box No: Country:		
Approval Ye Contam. Fac MHSW Facil	cility:	2011			Choice of Contact: Co Admin: Phone No Admin:		
SIC Code: SIC Descrip	tion:	238320					
<u>68</u>	2 of 8		N/248.8	83.0/2.08	1310034 Ontario Inc 2624 Page Rd. Ottawa ON K1W 1Ei	e. Cob National Coatings 8	GEN
Generator N Status: Approval Ye	ars:	ON41005 2012	513		PO Box No: Country: Choice of Contact:		
Contam. Fac MHSW Facil SIC Code:	-	238320			Co Admin: Phone No Admin:		
SIC Descrip	tion:	200020	Painting and Wall C	Covering Contract	ors		
<u>68</u>	3 of 8		N/248.8	83.0/2.08	1310034 Ontario Inc 2624 Page Rd. Ottawa ON	:. Cob National Coatings	GEN
Generator N Status: Approval Ye		ON41005 2013	513		PO Box No: Country: Choice of Contact:		
Contam. Fac MHSW Facil	cility:	2010			Co Admin: Phone No Admin:		
SIC Code: SIC Descrip	•	238320	PAINTING AND WALL COVERING CONTRACTORS				
Detail(s)							
Waste Class Waste Class			145 PAINT/PIGMENT/C	OATING RESID	UES		
<u>68</u>	4 of 8		N/248.8	83.0/2.08	1310034 Ontario Inc 2624 Page Rd. Ottawa ON K1W1E8	c. Cob National Coatings	GEN
Generator N Status:	lo:	ON41005	513		PO Box No:	Canada	
Approval Ye Contam. Fac MHSW Facil	cility:	2016 No No			Country: Choice of Contact: Co Admin: Phone No Admin:	CO_ADMIN EMILIA IGLESIAS 6137417792 Ext.	
SIC Code: SIC Descrip	tion:	238320	PAINTING AND W	ALL COVERING	CONTRACTORS		
<u>Detail(s)</u>							
Waste Class Waste Class			145 PAINT/PIGMENT/C	OATING RESID	UES		

Мар Кеу	Numbe Record		Direction/ Distance (m	Elev/Diff ) (m)	Site		DB
<u>68</u>	5 of 8		N/248.8	83.0 / 2.08	1310034 Ontario Inc. 2624 Page Rd. Ottawa ON K1W1E8	. Cob National Coatings	GEN
Generator N Status: Approval Ye Contam. Fac MHSW Facil SIC Code: SIC Descript	ears: cility: ity:	ON4100 2015 No No 238320		VALL COVERING	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: CONTRACTORS	Canada CO_ADMIN EMILIA IGLESIAS 6137417792 Ext.	
<u>Detail(s)</u>							
Waste Class Waste Class			145 PAINT/PIGMENT	COATING RESID	UES		
<u>68</u>	6 of 8		N/248.8	83.0 / 2.08	1310034 Ontario Inc. 2624 Page Rd. Ottawa ON K1W1E8	. Cob National Coatings	GEN
Generator N Status: Approval Ye Contam. Fao MHSW Facil. SIC Code: SIC Descript	ears: cility: ity:	ON41009 2014 No No 238320		VALL COVERING	PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin: CONTRACTORS	Canada CO_ADMIN EMILIA IGLESIAS 6137417792 Ext.	
<u>Detail(s)</u> Waste Class Waste Class			145 PAINT/PIGMENT	COATING RESID	UES		
<u>68</u>	7 of 8		N/248.8	83.0 / 2.08	1310034 Ontario Inc. 2624 Page Rd. Ottawa ON K1W1E8	. Cob National Coatings	GEN
Generator N Status: Approval Ye Contam. Faci MHSW Facil SIC Code: SIC Descript	ars: cility: ity:	ON4100 Register As of De	ed		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada	
<u>Detail(s)</u>							
Waste Class Waste Class			145 L Wastes from the u	use of pigments, co	atings and paints		
<u>68</u>	8 of 8		N/248.8	83.0 / 2.08	1310034 Ontario Inc. 2624 Page Rd. Ottawa ON K1W1E8	. Cob National Coatings	GEN
Generator N Status: Approval Ye Contam. Fao MHSW Facil	ars: cility:	ON4100 Register As of Jul	ed		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada	

n/ Elev/Diff e(m) (m) Site

SIC Code: SIC Description:

#### <u>Detail(s)</u>

158

Waste Class: Waste Class Desc:

145 L Wastes from the use of pigments, coatings and paints

<u>69</u>	1 of 1	E/249.5	80.9 / 0.00	6173 Renaud Road, C ON	Ottawa	PINC
Incident ID Incident Re Type: Status Coo Customer J Incident Ad Tank Statu Task No: Spills Actio Fuel Type: Fuel Occur Date of Oc Occurrence Operation Pipeline Ty Regulator Summary: Reported E Affiliation: Occurrence Damage Re Notes:	e Desc:	2801790 645066 FS-Pipeline Incident Pipeline Damage Reason Est RC Established 3447797 Natural Gas Pipeline Strike 8/12/2011 0:00 2011/08/15 Construction Site (pipe Main Distribution Pipe Service Regulator (up 6173 Renaud Road, C Wayne Pilon Industry Stakeholder ( gas main damage Excavation practices r imprudent excavation	eline o to 60 psi intake) Dttawa - Pipeline (Licensee/Regist not sufficient		Natural Gas No No Yes Yes No Transmission pipeline 19 Plastic 40 FS-Perform P-line Inc Invest Outside E-mail	

# Unplottable Summary

### Total: 116 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
СА	Minto Developments Inc.		Ottawa ON	
CA	Ashcroft Homes - Eastboro Inc.	Renaud Road	Ottawa ON	
СА	Richcraft Homes Ltd.		Ottawa ON	
СА	Minto Developments Inc.		Ottawa ON	
СА	Richcraft Homes Ltd.		Ottawa ON	
СА	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Richcraft Homes Ltd.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Claridge Homes (Carson) Inc.	Renaud Rd	Ottawa ON	
CA	Minto Developments Inc.		Ottawa ON	
CA	Ashcroft Homes - Eastboro Inc.	Renaud Road	Ottawa ON	

СА	Ashcroft Homes - Eastboro Inc.	Renaud Road	Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
СА	Minto Developments Inc.	Pt Lot 26, Con 6, 4R-11232 Parts 1 &2, Kanata Ward 4	Ottawa ON
СА	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
СА	Minto Developments Inc.		Ottawa ON
СА	Minto Developments Inc.		Ottawa ON
СА	Richcraft Homes Ltd.		Ottawa ON
СА	Minto Developments Inc.		Ottawa ON
СА	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Communities Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON

СА	Minto Developments Inc.		Ottawa ON
СА	Minto Developments Inc.		Ottawa ON
СА	Minto Developments Inc.		Ottawa ON
СА	Richcraft Homes Ltd.		Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
СА	Minto Developments Inc.		Ottawa ON
СА	Taggart Construction Limited	Mobile Facility	Ottawa ON
СА	Minto Developments Inc.		Ottawa ON
СА	Minto Developments Inc.		Ottawa ON
CA		Part of Lots 5 and 6, Conc. 3 Page Rd and Hydro Corridor Pt 2, Ref Plan 5R-14021	Ottawa ON
СА		Page Rd Allowance bwt Lots 5 and 6, Conc. III	Ottawa ON
СА	Chapel Hill Subdivision - Stage 9	Lots 6 and 7, Concession 3	Gloucester ON
СА	Chapel Hill Subdivision - Stage 9	Lots 6 and 7, Concession 3	Gloucester ON
CA	R.M. OF OTTAWA-CARLETON	CONC. 3, LOTS 7-13	GLOUCHESTER CITY ON
CA	MINTO DEVELOPMENTS INC.	LOT 7,C.3/CHAPEL HILL S.PH.V11	GLOUCESTER ON
CA	MINTO DEVELOPMENTS INC.	LOT 7,C.3/CHAPEL HILL S.PH.V11	GLOUCESTER ON
CA	MINTO DEVELOPMENTS INC.	AUBURN RIDGE DR./PAGE RD.	GLOUCESTER CITY ON
CA	MINTO DEVELOPMENTS INC.	ST. #3/AUBURN RIDGE DR/PAGE RD	GLOUCESTER CITY ON
CA	MINTO DEVELOPMENTS INC CHAPEL HILL SOUT	STORMWATER MANAGEMENT POND	GLOUCESTER CITY ON
CA	MICHEL LAMARCHE ENTERPRISES INC.	PAGE ROAD X-7-1094-89	GLOUCESTER CITY ON
CA	APEX CONST. (VAULTEX CONST.)	NAVAN RD.	GLOUCESTER CITY ON
CA	GLOUCESTER CITY	NAVAN RD.	GLOUCESTER CITY ON
CONV	Taggart Construction Limited		Ottawa ON

CONV	AECON CONSTRUCTION AND MATERIAL		ON	
EBR	Taggart Construction Limited	Mobile Facility Ottawa Ontario Ottawa	ON	
EBR	Richcraft Homes Ltd.	Ottawa, ON Canada	ON	
EBR	Marcel Brazeau Limited		ON	
EBR	Minto Communities Inc.	Ottawa, Ontario CITY OF OTTAWA	ON	
EBR	Minto Communities		ON	
ECA	Claridge Homes (Carson) Inc.	Renaud Rd	Ottawa ON	K2P 0M6
ECA	Richcraft Homes Ltd.		Ottawa ON	K1G 4K1
ECA	Minto Developments Inc.		Ottawa ON	K1R 7Y2
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	City of Ottawa	Brian Coburn Boulevard	Ottawa ON	K2G 6J8
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Richcraft Homes Ltd.		Ottawa ON	K1G 4K1
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Tamarack (Mer Bleu) Corporation	Brian Coburn Boulevard	Ottawa ON	K1V 8Y3
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Taggart Construction Limited	Mobile Facility	Ottawa ON	K1V 8Y3
ECA	Richcraft Homes Ltd.		Ottawa ON	K1G 4K1

ECA	Richcraft Homes Ltd.		Ottawa ON	K1G 4K1
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Developments Inc.	City of Cumberland	Cumberland ON	K1R 7Y2
ECA	City of Ottawa	Navan Road	Ottawa ON	K1S 5K2
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	City of Ottawa	Navan Rd	Ottawa ON	K2G 6J8
ECA	KNL Developments Inc.	Goulbourn Forced Rd (Lots 6-9, Concessions 2-3)	Ottawa ON	K1G 2H5
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	City of Ottawa	Brian Coburn Blvd Navan Road	Ottawa ON	K2G 6J8
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	Minto Communities Inc.		Ottawa ON	K1P 0B6
ECA	The Corporation of the City of Ottawa	Brian Coburn Boulevard	Ottawa ON	K2G 7E6
GEN	OTTAWA-CARLTON, REGIONAL MUN OF	REGIONAL ROAD #28 (NAVAN ROAD) C/O 175 LORETTA AVENUE NORTH	OTTAWA ON	K1Y 2Z7
GEN	OTTAWA-CARLTON, REGIONAL MUNIPALITY OF	REGIONAL ROAD #28 (NAVAN ROAD) BETWEEN NAVAN AND SARSFIELD	CUMBERLAND ON	
GEN	OTTAWA-CARLTON, REGIONAL MUN OF 29-004	REGIONAL ROAD #28 (NAVAN ROAD) C/O 175 LORETTA AVENUE NORTH	OTTAWA ON	K1Y 2Z7
GEN	OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF	REGIONAL ROAD #28 (NAVAN ROAD) BETWEEN NAVAN AND SARSFIELD	CUMBERLAND ON	
PTTW	Burnside Sand & Gravel Limited	Pond A Address: Lots 6 7 and 8 Concession 4, Ottawa, City District Office: Ottawa NEPEAN	ON	
PTTW	Burnside Sand & Gravel Limited	Lots 6 7 and 8, Concession 4, City of Ottawa CITY OF OTTAWA	ON	
PTTW	Minto Communities Inc.		ON	
PTTW	Minto Communities Inc.		ON	
PTTW	Minto Communities Inc.		ON	
SPL	PERMANENT CONCRETE	REGIONAL RD. 28, 1 MI. E. OF NAVAN NAVAN PLANT LOT 9, CONCESSION 6	CUMBERLAND TWP. ON	

SPL	Taggart Construction Limited	Findlay Creek Subdivision	Ottawa ON
SPL	NAVRO INC	ON MR. CALLAHAN PROPERTY NAVAN ROAD GLOUCESTER PLANT NAVAN ROAD	GLOUCESTER CITY ON
SPL	PERMANENT CONCRETE	REGIONAL RD. 28, 1 MI. E. OF NAVAN NAVAN PLANT LOT 9, CONCESSION 6	OTTAWA CITY ON
SPL	City of Ottawa	and Page Road	Ottawa ON
SPL	Taggart Construction Limited		Ottawa ON
SPL	BFI	5 KM EAST OF NAVAN ON REG ROAD 28. MOTOR VEHICLE (OPERATING FLUID)	CUMBERLAND TOWNSHIP ON

## **Unplottable Report**

#### Site: Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:** 

8733-8J9RH6 2011 7/28/2011 Municipal and Private Sewage Works Approved

7226-6GLJQM

2011 6/24/2011

Approved

#### Ashcroft Homes - Eastboro Inc. Site: Renaud Road Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: **Client Postal Code: Project Description:** Contaminants: **Emission Control:** 

Site: Richcraft Homes Ltd. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: **Client Address:** Client City: Client Postal Code: Project Description: Contaminants: **Emission Control:** 

9817-7WNR3C 2009 10/15/2009 Municipal and Private Sewage Works Approved

Municipal and Private Sewage Works

Database: CA

Database: CA

Database: CA

Site: Minto Developments Inc. Ottawa ON

#### Certificate #:

9152-65XHVP

#### Order No: 21031000068

Database: CA

Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 2004 10/21/2004 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Richcraft Homes Ltd. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 9080-5UYQRL 2004 1/8/2004 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 8418-76APWL 2007 8/22/2007 Municipal and Private Sewage Works Approved

## <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 8133-65GMW9 2004 10/6/2004 Municipal and Private Sewage Works Approved Database: CA

Database: CA

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7996-5Q7RGN 2003 8/12/2003 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7788-6XDSAP 2007 1/19/2007 Municipal and Private Sewage Works Revoked and/or Replaced Database: CA

Database: CA

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7677-7DPNN3 2008 5/1/2008 Municipal and Private Sewage Works Approved Database: CA

Database: CA

## <u>Site:</u> Richcraft Homes Ltd. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: 7432-7UVKBU 2009 8/13/2009 Municipal and Private Sewage Works Approved

167

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

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7355-6M4TMP 2006 2/20/2006 Municipal and Private Sewage Works Approved Database: CA

Database:

СА

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7163-5SYQ3M 2003 11/14/2003 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7043-6P2REB 2006 4/20/2006 Municipal and Private Sewage Works Approved

<u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: 6733-5NSKZ9 2003 Database: CA

168



Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 6/23/2003 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Claridge Homes (Carson) Inc. Renaud Rd Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 6667-7P8R2K 2009 2/13/2009 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 6380-6JGQ7B 2005 12/29/2005 Municipal and Private Sewage Works Revoked and/or Replaced

#### Database: CA

Database: CA

#### <u>Site:</u> Ashcroft Homes - Eastboro Inc. Renaud Road Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 1462-8E5P3N 2011 2/23/2011 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Ashcroft Homes - Eastboro Inc. Renaud Road Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

<u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 6002-7DAKG9 2008 4/2/2008 Municipal and Private Sewage Works Revoked and/or Replaced

Municipal and Private Sewage Works

2240-8ERLQE 2011

3/14/2011

Approved

<u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 5963-766KNS 2007 8/21/2007 Municipal and Private Sewage Works Approved

<u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: 5840-6NRNJD 2006 5/4/2006 Municipal and Private Sewage Works Approved

170

Database: CA

Database: CA

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

#### <u>Site:</u> Minto Developments Inc. Pt Lot 26, Con 6, 4R-11232 Parts 1 &2, Kanata Ward 4 Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 5380-6GGNFK 2005 9/23/2005 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 5109-66JPRR 2004 11/9/2004 Municipal and Private Sewage Works Approved

Database: CA

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 4309-6VTJMR 2006 12/1/2006 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

*Certificate #: Application Year: Issue Date:*  4208-6J7J5T 2005 11/17/2005 Database: CA

Database: CA

Approval Type: Status: Application Type: Client Name: Client Address: **Client City:** Client Postal Code: **Project Description:** Contaminants: **Emission Control:** 

Municipal and Private Sewage Works Approved

#### Site: Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:** 

3934-5QBL78 2003 9/18/2003 Municipal and Private Sewage Works Approved

Site: Richcraft Homes Ltd. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:** 

3841-632P4R 2004 7/20/2004 Municipal and Private Sewage Works Approved

#### Minto Developments Inc. Site: Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: **Client Address:** Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:** 

172

3403-5MAJ6D 2003 5/9/2003 Municipal and Private Sewage Works Approved

Database:

СА

Database: CA

Database:

CA

<u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Costal Code: Project Description: Contaminants: Emission Control: 3360-7H3RCS 2008 8/8/2008 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3324-5PXLMV 2003 7/31/2003 Municipal and Private Sewage Works Approved Database: <mark>CA</mark>

#### <u>Site:</u> Minto Communities Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3058-7JZKTF 2008 10/7/2008 Municipal and Private Sewage Works Approved Database:

Database: CA

Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code:

Minto Developments Inc.

Ottawa ON

2814-68ZN2P 2005 2/2/2005 Municipal and Private Sewage Works Approved

<u>Site:</u>

Certificate #:

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 2803-6XKQB2 2007 1/25/2007 Municipal and Private Sewage Works Approved

<u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 2539-66USUQ 2004 11/25/2004 Municipal and Private Sewage Works Approved

<u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 2530-6JULSK 2005 12/16/2005 Municipal and Private Sewage Works Approved

<u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: 2206-5J5J5M 2003 1/27/2003 Municipal and Private Sewage Works Database:

Database: CA

Database:

Database: CA

Order No: 21031000068



Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 1930-5HZMDY 2003 1/21/2003 Municipal and Private Sewage Works Approved

<u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 1814-73VJMC 2007 6/7/2007 Municipal and Private Sewage Works Approved

## <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: 1688-5ZCP3J Application Year: 2004 5/28/2004 Issue Date: Approval Type: Municipal and Private Sewage Works Status: Approved Application Type: Client Name: **Client Address:** Client City: **Client Postal Code: Project Description:** Contaminants: **Emission Control:** 

## Site: Minto Developments Inc.

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Database: CA

> Database: CA

> Database: CA

#### Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 1530-6QQL2J 2006 7/14/2006 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 1462-76TNSQ 2007 9/11/2007 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: 1305-5PNSMF Application Year: 2003 7/22/2003 Issue Date: Approval Type: Municipal and Private Sewage Works Approved Status: Application Type: Client Name: Client Address: Client City: **Client Postal Code: Project Description:** Contaminants: **Emission Control:** 

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: 1297-6SPJ46 2006 8/17/2006 Municipal and Private Sewage Works Approved

Database: CA



Database: CA

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#### <u>Site:</u> Richcraft Homes Ltd. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 1207-5YPRH9 2004 5/6/2004 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 1168-67AKKL 2004 12/7/2004 Municipal and Private Sewage Works Revoked and/or Replaced

<u>Site:</u> Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 1002-6GQJNY 2005 10/3/2005 Municipal and Private Sewage Works Approved

<u>Site:</u> Taggart Construction Limited Mobile Facility Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: 0636-7KEL2F 2008 11/19/2008 Air Approved

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Database: CA

Database: CA

Database: CA

Database: CA

Order No: 21031000068

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

#### Site: Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:** 

0523-7EVPTJ 2008 8/21/2008 Municipal and Private Sewage Works Approved

Site: Minto Developments Inc. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: **Client Address:** Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:** 

0681-67QTZP 2005 1/11/2005 Municipal and Private Sewage Works Approved

Site:

Part of Lots 5 and 6, Conc. 3 Page Rd and Hydro Corridor Pt 2, Ref Plan 5R-14021 Ottawa ON

Site:

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Page Rd Allowance bwt Lots 5 and 6, Conc. III Ottawa ON

Database: CA

Database: CA

Database:

CA

Database: CA

Order No: 21031000068

Certificate #:	4785-4XFRCP
Application Year:	01
Issue Date:	6/8/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Corporation of the City of Ottawa
Client Address:	110 Laurier Avenue West
Client City:	Ottawa
Client Postal Code:	K1P 1J1
Project Description:	The works consist of installation of about 240 m of twin forcemains (300 mm and 400 mm dia.) that will become part of the future Forest Valley P.S. forcemains. The works will be done at this time to take advantage of the road construction. The works include connection to the existing M. H. (bulkheads will be provided at stub ends) and installation of the drain chamber. The forcemains is located within Page Road from approximately 40 m south of Montpelier PL to approximately 280 m south of Montpelier PL.
Contaminants:	

Contaminants: Emission Control:

### <u>Site:</u> Chapel Hill Subdivision - Stage 9 Lots 6 and 7, Concession 3 Gloucester ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7464-4TWJ5Q O1 3/16/01 Municipal & Private sewage Approved New Certificate of Approval Minto Developments Inc. 427 Laurier Ave. West Ottawa K1R 7Y2 This proposal is for the construction of a storm water managment facility to serve Chapel Hill Subdivision, Stage 9.

### <u>Site:</u> Chapel Hill Subdivision - Stage 9 Lots 6 and 7, Concession 3 Gloucester ON

Certificate #:	7337-4VAJB8
Application Year:	01
Issue Date:	4/2/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Minto Developments Inc.
Client Address:	427 Laurier Avenue West, Suite 300
Client City:	Ottawa
Client Postal Code:	K1R 7Y2
Project Description:	This application is for construction of sanitary sewage pumping station and installation of sanitary force mains to serve Chapel Hill Subdivision- Stage 9
Contaminants	

Contaminants: Emission Control:

## <u>Site:</u> R.M. OF OTTAWA-CARLETON CONC. 3, LOTS 7-13 GLOUCHESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: 3-0245-96-96 4/17/1996 Municipal sewage Cancelled



Database:

Database:

CA

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

#### <u>Site:</u> MINTO DEVELOPMENTS INC. LOT 7,C.3/CHAPEL HILL S.PH.V11 GLOUCESTER ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7-0152-98-98 3/24/1998 Municipal water Approved

### <u>Site:</u> MINTO DEVELOPMENTS INC. LOT 7,C.3/CHAPEL HILL S.PH.V11 GLOUCESTER ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-0252-98-98 3/24/1998 Municipal sewage Approved

## <u>Site:</u> MINTO DEVELOPMENTS INC. AUBURN RIDGE DR./PAGE RD. GLOUCESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-0774-94-94 7/11/1994 Municipal sewage Approved

### <u>Site:</u> MINTO DEVELOPMENTS INC. ST. #3/AUBURN RIDGE DR/PAGE RD GLOUCESTER CITY ON

Certificate #:

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3-0614-94-

Database: CA

Database:

Database: CA



Database:

CA



Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 94 6/29/1994 Municipal sewage Approved

#### <u>Site:</u> MINTO DEVELOPMENTS INC.-CHAPEL HILL SOUT STORMWATER MANAGEMENT POND GLOUCESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-0640-90-90 6/12/1990 Municipal sewage Approved

#### <u>Site:</u> MICHEL LAMARCHE ENTERPRISES INC. PAGE ROAD X-7-1094-89 GLOUCESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-1323-89-89 7/17/1989 Municipal sewage Approved

## <u>Site:</u> APEX CONST. (VAULTEX CONST.) NAVAN RD. GLOUCESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-1234-86-86 9/11/1986 Municipal sewage Approved Database: CA

Database: CA

#### <u>Site:</u> GLOUCESTER CITY NAVAN RD. GLOUCESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

<u>Site:</u> Taggart Construction Limited Ottawa ON

012802

File No: Crown Brief No: Court Location: Publication City: Publication Title: Act: Act(s): First Matter: Second Matter: Investigation 1: Investigation 2: Penalty Imposed: Description:

Taggart Construction Limited, Paterson Group Inc. and Robert Passmore have been fined \$5,000 each, totalling \$15,000 plus a victim fine surcharge, after pleading guilty on January 15, 2009 to violations under the Ontario Water Resources Act. Taggart Construction Limited and Paterson Group Inc. were convicted of failing to comply with a Provincial Officer Order by taking more than 50,000 litres of water per day, and Mr. Passmore was convicted of giving false or misleading information to the ministry. The parties were given six months to pay the fine. The Court heard that Taggart Construction Limited was contracted by a developer to install municipal services at a subdivision in Ottawa which required dewatering activities. After being issued a Provincial Officer Order to restrict water taking activities to below 50,000 litres per day until a permit had been obtained, Taggart hired Paterson Group Inc. to submit an application for the permit. Taggart then pumped over 50,000 litres of water based on information provided by Paterson Group employee, Mr. Passmore, that the go ahead to pump had been given when a permit had yet to be issued. In an interview with ministry investigators, Mr. Passmore denied giving Taggart verbal approval to pump in excess of 50,000 litres per day. Taggart Construction Limited, Paterson Group Inc. and Mr. Passmore were charged following an investigation by the Ministry of the Environment's Investigations and Enforcement Branch.

Location:

Ministry District:

Region:

Background: URL:

### Additional Details

Count:1Act:OWRA
Regulation:
Section:
Act/Regulation/Section: OWRA
Date of Offence:
Date of Conviction:
Date Charged: January 15, 2009
Charge Disposition: fine, victim fine surcharge
<i>Fine:</i> \$5,000
Synopsis:

3-2067-87-87 11/17/1987 Municipal sewage Approved

Database: CONV

#### AECON CONSTRUCTION AND MATERIAL Site:

<u>Site:</u> AECON CONST ON	RUCTION AND MATERIAL			Database CONV
File No: Crown Brief No: Court Location: Publication City: Publication Title:	98-0000-9004	Location: Region: Ministry District:	EASTERN REGION	
Act: Act(s): First Matter: Second Matter: Investigation 1: Investigation 2: Penalty Imposed: Description: Background: URL:	THIS IS THE EASTERN	I BRIEF FOR ALL P.O.A. TICKETS		
Additional Details				
Publication Date:				
Count:	1 OWRA			
Act: Regulation:	OWRA			
Section:	34(8)			
Act/Regulation/Section:				
Date of Offence:	(-)			
Date of Conviction:				
Date Charged:	11/1/01			
Charge Disposition:	SUSPENDED SENTEN	CE		
Fine:	\$305.00			
Synopsis:				
<u>Site:</u> Taggart Constr Mobile Facility	uction Limited Ottawa Ontario Ottawa ON			Database EBR
EBR Registry No:	IA07E0165	Decision Posted:		
Ministry Ref No:	8556-6XWUA3	Exception Posted:		
Notice Type:	Instrument Decision	Section:		
Notice Stage:		Act 1:		
Notice Date:	December 09, 2008	Act 2:		
Proposal Date:	January 30, 2007	Site Location Map:		
Year: Instrument Type:	2007 (EPA s. 9) - Approval for	r discharge into the natural environment o	ther than water (i.e. Air)	
Off Instrument Name: Posted By:		r discharge into the natural environment o		
	Taggart Construction Lir	mited		
Site Address:				
Site Address: Location Other: Proponent Name:				
Site Address: Location Other: Proponent Name: Proponent Address: Comment Period:	3187 Albion Rd S, Ottav	va Ontario, K1V 8Y3		
Company Name: Site Address: Location Other: Proponent Name: Proponent Address: Comment Period: URL: Site Location Details:	3187 Albion Rd S, Ottav	va Ontario, K1V 8Y3		
Site Address: Location Other: Proponent Name: Proponent Address: Comment Period: URL:		va Ontario, K1V 8Y3		

#### Database: EBR Richcraft Homes Ltd. Site: Ottawa, ON Canada ON EBR Registry No: Ministry Ref No: 019-1273 **Decision Posted:** KV-C-001-18 Exception Posted: Notice Type: Instrument Section: Section 17 (2) (c)

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Notice Stage:	Proposa	l	Act 1:	Endangered Species Act, R.S.O. 2007
Notice Date:			Act 2:	Endangered Species Act, 2007
Proposal Date:	February	y 27, 2020	Site Location Map:	
Year:	2020			
Instrument Type:		Permit for activities to ach	hieve an overall benefit to a species	
Off Instrument Name:		Permit for activities with c	conditions to achieve overall benefit to	o the species (ESA s.17(2) (c))
Posted By:			ent, Conservation and Parks	
Company Name:		5		
Site Address:		Ottawa,		
		ON		
		Canada		
Location Other:				
Proponent Name:		Richcraft Homes Ltd.		
Proponent Address:		2280 St. Laurent Bouleva	ard	
		Unit 201		
		Ottawa,		
		ON		
		K1G4K1		
		Canada		
Comment Period:		February 27, 2020 - Marc	ch 28, 2020 (30 days) Closed	
URL:		https://ero.ontario.ca/notio	ce/019-1273	

## Site Location Details:

Part of Lot 8, Concession 1 in the Geographic Township of March, Ottawa.

<u>Site:</u> Marcel Brazeau ON	ı Limited		Database: EBR
EBR Registry No: Ministry Ref No: Notice Type: Notice Stage: Notice Date: Proposal Date: Year:	019-2113 Instrument Decision July 23, 2020 2020	Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map:	November 10, 2020 Section 13 (3.1) Aggregate Resources Act, R.S.O. 1990 Aggregate Resources Act
Instrument Type: Off Instrument Name: Posted By: Company Name: Site Address: Location Other:	Changes to the site plan Approval of licensee prop Ministry of Natural Resou	posed amendment to a site plan	
Proponent Name: Proponent Address: Comment Period:	Marcel Brazeau Limited Marcel Brazeau Limited PO Box 231 Gloucester, ON K1G 3N5 Canada July 23, 2020 - August 2:	4, 2020 (32 days) Closed	
URL: Site Location Details:	https://ero.ontario.ca/noti		
The site is located south	RF, Geographic Township of Nepean of Barrhaven, in the City of Ottawa, o		

The site is Aggregate Resources Act Licence No. 4219. A link showing sites licensed under the Aggregate Resources Act is provided: https://tits.ontario.ca/page/find-pits-and-quarries

#### <u>Site:</u> Minto Communities Inc. Ottawa, Ontario CITY OF OTTAWA ON

013-0315 EBR Registry No:

**Decision Posted:** 

Database: EBR

Ministry Ref No: Notice Type: Notice Stage: Notice Date: Proposal Date: Year: Instrument Type: Off Instrument Name: Posted By: Company Name: Site Address: Location Other: Proponent Name: Proponent Address: Comment Period: URL:	MNRF INST 30/17 Instrument Decision September 28, 2017 April 10, 2017 (ESA s.17(2) (c)) - Permit for activit Minto Communities Inc. 180 Kent Street , Suite 200, Ottawa 200, Ottawa Ontario, Canada K1P	a Ontario, Canada K1P 0B6,	e overall benefit to the species Minto Communities Inc., 180 Kent Street , Suite
Site Location Details:			
Ottawa, Ontario CITY OF	OTTAWA		
<u>Site:</u> Minto Commun ON	nities		Database: EBR
EBR Registry No: Ministry Ref No: Notice Type: Notice Stage: Notice Date: Proposal Date:	019-2808 KV-C-001-19 Instrument Proposal December 4, 2020	Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map:	Section 17 (2) (c) Endangered Species Act , R.S.O. 2007 Endangered Species Act, 2007
Year: Instrument Type: Off Instrument Name: Posted By: Company Name: Site Address: Location Other: Proponent Name: Proponent Address:	2020 Permit for activities to achieve an o Permit for activities with conditions Ministry of the Environment, Conse Minto Communities 180 Kent Street Unit 200 Ottawa, ON K1P 0B6 Canada December 4, 2020 - January 3, 202	verall benefit to a species to achieve overall benefit to rvation and Parks	the species (ESA s.17(2) (c))
URL:	https://ero.ontario.ca/notice/019-28	08	

Site Location Details:

Part of Lot 12, Concession 4, Township of March, Ottawa

<u>Site:</u>	•	mes (Carson) Inc. Ottawa ON K2P 0M6		Database: ECA
Approv	al No:	6667-7P8R2K	MOE District:	
Approv	al Date:	2009-02-13	City:	
Status:	,	Approved	Longitude:	
Record	Type:	ECA	Latitude:	
Link So	ource:	IDS	Geometry X:	
SWP A	rea Name:		Geometry Y:	
Approv	al Type:	ECA-MUNICIPAL AND	PRIVATE SEWAGE WORKS	
Project	••	MUNICIPAL AND PRIV	ATE SEWAGE WORKS	

## https://www.accessenvironment.ene.gov.on.ca/instruments/0490-7NYR9F-14.pdf

<u>Site:</u> Richcraft Ho. Ottawa ON			Database ECA
Approval No:	9080-5UYQRL	MOE District:	
pproval Date:	2004-01-08	City:	
tatus:	Approved	Longitude:	
ecord Type:	ECA	Latitude:	
ink Source:	IDS	Geometry X:	
WP Area Name:	126	Geometry Y:	
pproval Type:		RIVATE SEWAGE WORKS	
	MUNICIPAL AND PRIVA		
Project Type: ddress:	MUNICIPAL AND PRIVA	IL SEWAGE WORKS	
ull Address:			
ull PDF Link:	https://www.accessenviro	nment.ene.gov.on.ca/instruments/5802-5UQM74-14	.pdf
<u>Site:</u> Minto Develo Ottawa ON			Database ECA
annyayal Na	4400 552040	MOE District	
pproval No:	4490-5SYQAN	MOE District:	
pproval Date:	2003-11-14	City:	
tatus:	Approved	Longitude:	
ecord Type:	ECA	Latitude:	
ink Source:	IDS	Geometry X:	
WP Area Name:		Geometry Y:	
pproval Type:	ECA-Municipal Drinking V		
Project Type:	Municipal Drinking Water	Systems	
ddress:			
Full Address:			
Full PDF Link:			
Full PDF Link:			Database ECA
ull PDF Link: <u>Site:</u> Minto Comm Ottawa ON	K1P 0B6	MOF District	
ull PDF Link: <u>Site:</u> Minto Comm Ottawa ON Approval No:	<i>K1P 0B6</i> 0606-AHXJCH	MOE District:	
Tull PDF Link: <u>Site:</u> Minto Comm Ottawa ON Approval No: Approval Date:	<i>K1P 0B6</i> 0606-AHXJCH 2017-02-02	City:	
ull PDF Link: <u>ite:</u> Minto Comm Ottawa ON pproval No: pproval Date: itatus:	<i>K1P 0B6</i> 0606-AHXJCH 2017-02-02 Approved	City: Longitude:	
ull PDF Link: <u>ite:</u> Minto Comm Ottawa ON pproval No: pproval Date: itatus: Pecord Type:	K1P 0B6 0606-AHXJCH 2017-02-02 Approved ECA	City: Longitude: Latitude:	
iull PDF Link: <u>ite:</u> Minto Comm Ottawa ON pproval No: pproval Date: itatus: Record Type: ink Source:	<i>K1P 0B6</i> 0606-AHXJCH 2017-02-02 Approved	City: Longitude: Latitude: Geometry X:	
Tull PDF Link: Tite: Minto Comm Ottawa ON Ottawa Ottawa Ottawa br>Ottawa Ot	<i>K1P 0B6</i> 0606-AHXJCH 2017-02-02 Approved ECA IDS	City: Longitude: Latitude: Geometry X: Geometry Y:	
Tull PDF Link: <u>Site:</u> Minto Comm Ottawa ON Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type:	K1P 0B6 0606-AHXJCH 2017-02-02 Approved ECA IDS ECA-MUNICIPAL AND P	City: Longitude: Latitude: Geometry X: Geometry Y: RIVATE SEWAGE WORKS	
Tull PDF Link: <u>Site:</u> Minto Comm Ottawa ON Ottawa Ottawa ON Ottawa ON Ottawa ON Ottawa Ottawa Ot	<i>K1P 0B6</i> 0606-AHXJCH 2017-02-02 Approved ECA IDS	City: Longitude: Latitude: Geometry X: Geometry Y: RIVATE SEWAGE WORKS	
Full PDF Link: <u>Site:</u> Minto Comm Ottawa ON Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address:	K1P 0B6 0606-AHXJCH 2017-02-02 Approved ECA IDS ECA-MUNICIPAL AND P	City: Longitude: Latitude: Geometry X: Geometry Y: RIVATE SEWAGE WORKS	
iull PDF Link: <u>ite:</u> Minto Comm Ottawa ON pproval No: pproval Date: itatus: eccord Type: ink Source: WP Area Name: pproval Type: coject Type: iddress: iull Address:	K1P 0B6 0606-AHXJCH 2017-02-02 Approved ECA IDS ECA-MUNICIPAL AND P MUNICIPAL AND PRIVA	City: Longitude: Latitude: Geometry X: Geometry Y: RIVATE SEWAGE WORKS TE SEWAGE WORKS	ECA
Full PDF Link: <u>Site:</u> Minto Comm Ottawa ON Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type:	K1P 0B6 0606-AHXJCH 2017-02-02 Approved ECA IDS ECA-MUNICIPAL AND P MUNICIPAL AND PRIVA	City: Longitude: Latitude: Geometry X: Geometry Y: RIVATE SEWAGE WORKS	ECA
Eull PDF Link: <u>Site:</u> Minto Comm Ottawa ON Approval No: Approval Date: Status: Record Type: SWP Area Name: Approval Type: Project Type: Address: Eull Address: Eull Address: Eull PDF Link: Site: City of Ottaw	K1P 0B6 0606-AHXJCH 2017-02-02 Approved ECA IDS ECA-MUNICIPAL AND P MUNICIPAL AND PRIVA https://www.accessenviro	City: Longitude: Latitude: Geometry X: Geometry Y: RIVATE SEWAGE WORKS TE SEWAGE WORKS	ECA
iull PDF Link: ite: Minto Comm Ottawa ON opproval No: opproval Date: itatus: ecord Type: ink Source: WP Area Name: opproval Type: opproval Type: oddress: iull Address: iull Address: iull PDF Link: itat: Cite: City of Ottaw Brian Coburn	K1P 0B6 0606-AHXJCH 2017-02-02 Approved ECA IDS ECA-MUNICIPAL AND P MUNICIPAL AND PRIVA https://www.accessenviro	City: Longitude: Latitude: Geometry X: Geometry Y: RIVATE SEWAGE WORKS TE SEWAGE WORKS nment.ene.gov.on.ca/instruments/4552-AHSJ74-14.	odf Database
ull PDF Link: <u>ite:</u> Minto Comm Ottawa ON pproval No: pproval Date: tatus: ecord Type: ink Source: WP Area Name: pproval Type: roject Type: ddress: ull Address: ull PDF Link: <u>ite:</u> City of Ottaw Brian Coburn pproval No:	K1P 0B6 0606-AHXJCH 2017-02-02 Approved ECA IDS ECA-MUNICIPAL AND P MUNICIPAL AND PRIVAT https://www.accessenviro	City: Longitude: Latitude: Geometry X: Geometry Y: RIVATE SEWAGE WORKS TE SEWAGE WORKS nment.ene.gov.on.ca/instruments/4552-AHSJ74-14.	odf Database
ull PDF Link: <u>ite:</u> Minto Comm Ottawa ON pproval No: pproval Date: tatus: ecord Type: ink Source: WP Area Name: pproval Type: roject Type: ddress: ull Address: ull PDF Link: <u>ite:</u> City of Ottaw Brian Coburn pproval No: pproval Date:	K1P 0B6 0606-AHXJCH 2017-02-02 Approved ECA IDS ECA-MUNICIPAL AND P MUNICIPAL AND PRIVA https://www.accessenviro https://www.accessenviro Man poulevard Ottawa ON K2G 6J8 7002-A9SLGL 2016-05-13	City: Longitude: Latitude: Geometry X: Geometry Y: RIVATE SEWAGE WORKS TE SEWAGE WORKS nment.ene.gov.on.ca/instruments/4552-AHSJ74-14. MOE District: City:	odf Database
ull PDF Link:         ite:       Minto Comm Ottawa ON         pproval No:         pproval Date:         tatus:         'ecord Type:         ink Source:         WP Area Name:         pproval Type:         roject Type:         ddress:         ull Address:         ull PDF Link:         ite:       City of Ottaw         Brian Coburn         pproval No:         pproval Date:         tatus:	K1P 0B6 0606-AHXJCH 2017-02-02 Approved ECA IDS ECA-MUNICIPAL AND P MUNICIPAL AND PRIVA https://www.accessenviro https://www.accessenviro Man n Boulevard Ottawa ON K2G 6J8 7002-A9SLGL 2016-05-13 Revoked and/or Replaced	City: Longitude: Latitude: Geometry X: Geometry Y: RIVATE SEWAGE WORKS TE SEWAGE WORKS nment.ene.gov.on.ca/instruments/4552-AHSJ74-14.j	odf Database
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**MOE District:** 

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#### Tamarack (Mer Bleu) Corporation Site: Brian Coburn Boulevard Ottawa ON K1V 8Y3

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ECA-Municipal and Private Water Works Municipal and Private Water Works

Ottawa O	nunities Inc. N K1P 0B6		Database ECA
Approval No:	7598-94TRX3	MOE District:	
Approval Date:	2013-02-26	City:	
tatus:	Approved	Longitude:	
Record Type:	ECA	Latitude:	
ink Source:	IDS	Geometry X:	
WP Area Name:	120	Geometry Y:	
pproval Type:	ECA-MUNICIPAL AND PRIVATE SE		
Project Type:	MUNICIPAL AND PRIVATE SEWAG		
ddress:			
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Full PDF Link:	https://www.accessenvironment.ene.	.gov.on.ca/instruments/2553-8VDQUF-14	l.pdf
	lopments Inc. Iberland Cumberland ON K1R 7Y2		Database ECA
pproval No:	8074-4QDP4P	MOE District:	
pproval Date:	2000-10-25	City:	
status:	Approved	Longitude:	
Record Type:	ECA	Latitude:	
ink Source:	IDS	Geometry X:	
WP Area Name:	-	Geometry Y:	
pproval Type:	ECA-MUNICIPAL AND PRIVATE SE		
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ddress:	City of Cumberland		
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https://www.accessenvironment.ene.gov.on.ca/instruments/1769-AKEQQZ-14.pdf

<u>Site:</u> Minto Comn Ottawa ON	nunities Inc. I K1P 0B6		Database ECA
Approval No:	3128-AQGJ6T	MOE District:	
Approval No. Approval Date:	2017-08-23		
		City:	
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ink Source:	IDS	Geometry X:	
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Site: City of Ottav	va Ottawa ON K2G 6J8		Database ECA
			204
Approval No:	7659-ALUK3A	MOE District:	
Approval Date:	2017-05-11	City:	
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Record Type:	ECA	Latitude:	
ink Source:	IDS	Geometry X:	
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https://www.accessenvironment.ene.gov.on.ca/instruments/7723-AYKNXD-14.pdf

	City of Ottaw Brian Cobur	'a n Blvd Navan Road - Ottawa C	DN K2G 6J8	Databas ECA		
	val No:	3536-AZPKY6	MOE District:			
••	val Date:	2018-06-29	City:			
Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Address:		Approved	Longitude:			
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			Geometry Y:			
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	ldress:	Bhair Cobain Bh				
	DF Link:	https://www.acce	ssenvironment.ene.gov.on.ca/instruments/9726-AZERBS-14.p	odf		
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<u>Site:</u>	Minto Comm Ottawa ON			Databas ECA		
hprov	al No:	6142-BEJHCE	MOE District:			
	al Date:	2019-08-01	City:			
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ink So		IDS	Geometry X: -8403007.4	-		
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	DF Link:	https://www.cooc	essenvironment.ene.gov.on.ca/instruments/0892-BDSKVQ-14.p	ndf		
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<u>Site:</u>	Minto Comm Ottawa ON			Databas ECA		
Approv	al No:	7661-ABCKQL	MOE District:			
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ink So		103	Geometry X:			
	rea Name:		Geometry Y:			
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https://www.accessenvironment.ene.gov.on.ca/instruments/2099-A48M46-14.pdf

REG			'GIONAL MUN OF IAVAN ROAD) C/O 175 LORETTA A	VENUE NORTH OTTAWA ON K1Y 2Z7	Database GEN
Generator N Status:	lo:	ON0303	100	PO Box No: Country:	
Approval Ye Contam. Fac	cility:	88,89,90	)	Choice of Contact: Co Admin:	
MHSW Facility: SIC Code:		8351		Phone No Admin:	
SIC Code: SIC Descript	tion:	0331	EXEC./LEGIS. ADMIN.		
Detail(s)					
Waste Class Waste Class			252 WASTE OILS & LUBRICANTS		
			GIONAL MUNIPALITY OF IAVAN ROAD) BETWEEN NAVAN A	ND SARSFIELD CUMBERLAND ON	Database GEN
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Status: Approval Ye	ars:	92,93		Country: Choice of Contact:	
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MHSW Facili SIC Code:	ity:	8351		Phone No Admin:	
SIC Descript	tion:	0001	EXEC./LEGIS. ADMIN.		
<u>Detail(s)</u>					
Waste Class	52		252		
Waste Class Waste Class			252 WASTE OILS & LUBRICANTS		
Waste Class	Desc:	RLTON, RE DAD #28 (N	WASTE OILS & LUBRICANTS	VENUE NORTH OTTAWA ON K1Y 2Z7	Database GEN
Waste Class <u>Site:</u> OTT REG Generator N	Desc: TAWA-CAR GIONAL RC	<b>RLTON, RE</b> DAD #28 (N ON0303	WASTE OILS & LUBRICANTS GIONAL MUN OF 29-004 IAVAN ROAD) C/O 175 LORETTA A	PO Box No:	
Waste Class <u>Site:</u> OTT REC Generator No Status:	: Desc: TAWA-CAR GIONAL RC	OAD #28 (N ON0303	WASTE OILS & LUBRICANTS GIONAL MUN OF 29-004 IAVAN ROAD) C/O 175 LORETTA A	PO Box No: Country:	
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Waste Class <u>Site:</u> OTT REC Generator N Status: Approval Ye Contam. Fac MHSW Facili SIC Code: SIC Descript <u>Detail(s)</u> Waste Class Waste Class <u>Site:</u> OTT	E Desc: TAWA-CAR GIONAL RC o: ears: cility: ity: tion: E Desc: TAWA-CAR	OAD #28 (M ON0303 94,95,96 8351 8351	WASTE OILS & LUBRICANTS GIONAL MUN OF 29-004 IAVAN ROAD) C/O 175 LORETTA A 100 5 EXEC./LEGIS. ADMIN. 252 WASTE OILS & LUBRICANTS GIONAL MUNICIPALITY OF	PO Box No: Country: Choice of Contact: Co Admin:	
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Detail(s)

Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS

#### <u>Site:</u> Burnside Sand & Gravel Limited Pond A Address: Lots 6 7 and 8 Concession 4, Ottawa, City District Office: Ottawa NEPEAN ON

EBR Registry No: Ministry Ref No: Notice Type: Notice Stage:	011-7285 3728-8XZQCD Instrument Decision	Decision Posted: Exception Posted: Section: Act 1:
Notice Date:	January 08, 2014	Act 2:
Proposal Date:	October 03, 2012	Site Location Map:
Year:	2012	
Instrument Type:	(OWRA s. 34) - Permit to Take Water	
Off Instrument Name: Posted By:		
Company Name: Site Address:	Burnside Sand & Gravel Limited	
Location Other: Proponent Name: Proponent Address: Comment Period: URL:	Burnside Sand & Gravel Limited, 5597	Power Road, Ottawa Ontario, Canada K1G 3N4

#### Site Location Details:

Pond A Address: Lots 6 7 and 8 Concession 4, Ottawa, City District Office: Ottawa NEPEAN

#### <u>Site:</u> Burnside Sand & Gravel Limited Database: Lots 6 7 and 8, Concession 4, City of Ottawa CITY OF OTTAWA ON PTTW EBR Registry No: 011-7053 **Decision Posted:** 7358-8XFPY5 Ministry Ref No: **Exception Posted:** Notice Type: Instrument Decision Section: Notice Stage: Act 1: September 04, 2012 Notice Date: Act 2: Proposal Date: August 27, 2012 Site Location Map: 2012 Year: (OWRA s. 34) - Permit to Take Water Instrument Type: Off Instrument Name: Posted By: Company Name: Burnside Sand & Gravel Limited Site Address: Location Other: Proponent Name: Proponent Address: Burnside Sand & Gravel Limited, 5597 Power Road, Ottawa Ontario, Canada K1G 3N4 **Comment Period:** URL:

#### Site Location Details:

Lots 6 7 and 8, Concession 4, City of Ottawa CITY OF OTTAWA

#### <u>Site:</u> Minto Communities Inc. ON

EBR Registry No: Ministry Ref No: Notice Type: Notice Stage: 012-0928 8538-9EZNF6 Instrument Decision Decision Posted: Exception Posted: Section: Act 1:



Database:

PTTW

194

Notice Date: Proposal Date: Year:	September 02, 2015 January 24, 2014 2014	Act 2: Site Location Map:
Instrument Type: Off Instrument Name: Posted By:	(OWRA s. 34) - Permit to Take Water	
Company Name: Site Address: Location Other:	Minto Communities Inc.	
Proponent Name: Proponent Address:	180 Kent Street , Suite 200, Ottawa O 200, Ottawa Ontario, Canada K1P 0B(	ntario, Canada K1P 0B6, Minto Communities Inc., 180 Kent Street , Suite
Comment Period: URL:		

#### Site Location Details:

Renaud Road Road allowance between Concessions 3 and 4 on Ottawa River, in front of Lots 3 and 4, geographic township of Gloucester City of Ottawa AND Trails Edge, Phase 2 Lots 3 and 4, Concession 3 on Ottawa River, geographic township of Gloucester City of Ottawa CITY OF OTTAWA

<u>Site:</u> Minto Commu ON	nities Inc.	Database: PTTW
EBR Registry No:	011-4898	Decision Posted:
Ministry Ref No:	3046-8MLKW5	Exception Posted:
Notice Type:	Instrument Decision	Section:
Notice Stage:		Act 1:
Notice Date:	December 17, 2014	Act 2:
Proposal Date:	November 04, 2011	Site Location Map:
Year:	2011	
Instrument Type:	(OWRA s. 34) - Permit to Take Wate	r
Off Instrument Name:		
Posted By:		
Company Name:	Minto Communities Inc.	
Site Address:		
Location Other:		
Proponent Name:		
Proponent Address:	180 Kent Street , Suite 200, Ottawa ( 200, Ottawa Ontario, Canada K1P 0	Ontario, Canada K1P 0B6, Minto Communities Inc., 180 Kent Street , Suite 36
Comment Period:		

Comment Period: URL:

#### Site Location Details:

Mahogany Community Development Address: Lot: Part of Lots 4 and 5, Concession: A (Broken Front), Ottawa, City District Office: Ottawa GeoReference: Map Datum: NAD83, Zone: 18, Accuracy Estimate: 1-10 metres eg. Good Quality GPS, UTM Easting: 446650, UTM Northing: 5007555, , LIO GeoReference: Zone: , UTM Easting: , UTM Northing: , Latitude: , Longitude: CITY OF OTTAWA

<u>Site:</u> Minto Commu ON	nities Inc.		Database: PTTW
EBR Registry No: Ministry Ref No: Notice Type: Notice Stage: Notice Date: Proposal Date: Year: Instrument Type: Off Instrument Name: Posted By:	012-9800 5771-AJEJDR Instrument Decision October 06, 2017 February 13, 2017 2017 (OWRA s. 34) - Permit to Take Water	Decision Posted: Exception Posted: Section: Act 1: Act 2: Site Location Map:	
Company Name: Site Address: Location Other:	Minto Communities Inc.		

#### Comment Period: URL:

## Site Location Details:

180 Kent Street , Suite 200, Ottawa Ontario, Canada K1P 0B6, Minto Communities Inc., 180 Kent Street , Suite 200, Ottawa Ontario, Canada K1P 0B6

Avalon West Community Address: Lot: 3 & Part of Lot 4, Concession: 11, Geographic Township: CUMBERLAND, Ottawa, City District Office: Ottawa GeoReference: Zone: 18, UTM Easting: 461611, UTM Northing: 5032496, UTM Location Description: S1- Lot 3 Concession 11, Site #: 5712-AJEJLA CITY OF OTTAWA

## <u>Site:</u> PERMANENT CONCRETE REGIONAL RD. 28, 1 MI. E. OF NAVAN NAVAN PLANT LOT 9, CONCESSION 6 CUMBERLAND TWP. ON

Database: SPL

Database:

SPL

Ref No:	13090	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	12/23/1988	Health/Env Conseg:	
Year:		Client Type:	
Incident Cause:	ABOVE-GROUND TANK LEAK	Sector Type:	
Incident Event:		Agency Involved:	
Contaminant Code:		Nearest Watercourse:	
Contaminant Name:		Site Address:	
Contaminant Limit 1:		Site District Office:	
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:		Site Municipality:	20601
Nature of Impact:	SOIL CONTAMINATION	Site Lot:	2000.
Receiving Medium:	LAND	Site Conc:	
Receiving Env:		Northing:	
MOE Response:		Easting:	
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	12/23/1988	Site Map Datum:	
Dt Document Closed:	,_0,.000	SAC Action Class:	
Incident Reason:	CORROSION	Source Type:	
Site Name:		course rype.	
Site County/District:			
Site Geo Ref Meth:			
She Geo her Welli.			

#### <u>Site:</u> Taggart Construction Limited Findlay Creek Subdivision Ottawa ON

Incident Summary: Contaminant Qty:

Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name:	4066-82SU3T Discharge Or Bypass To A Watercourse 43 SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT)	Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address:	
Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed:	Confirmed Surface Water Pollution Planned Field Response 2/19/2010 2/18/2010	Site District Office: Site Postal Code: Site Region: Site Municipality: Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class:	Environment Canada - Spills at Federal Facilities & Spills of National Interest

Incident Reason:

Overstress/Pressure - Any form of overloading wherein the design strength of the container was exceeded Findlay Creek<UNOFFICIAL> Source Type:

Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:

Taggart Construction: sediment to Findlay Creek 90 min (duration)

## Site: NAVRO INC

ON MR. CALLAHAN PROPERTY NAVAN ROAD GLOUCESTER PLANT NAVAN ROAD GLOUCESTER CITY ON

Database: SPL

Database:

SPL

Ref No: Site No: Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth:	2118 4/5/1988 OTHER CONTAINER LEAK LAND 4/5/1988 UNKNOWN	Discharger Report: Material Group: Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Region: Site Region: Site Conc: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:	20105
Incident Summary: Contaminant Qty:	NAVRO INC - UNKNOWN	AMOUNTH OF LATEX PAINT LEAK 1	TO NEXT DOOR LAND

#### <u>Site:</u> PERMANENT CONCRETE REGIONAL RD. 28, 1 MI. E. OF NAVAN NAVAN PLANT LOT 9, CONCESSION 6 OTTAWA CITY ON

Ref No: 619 Discharger Report: Site No: Material Group: Incident Dt: 2/24/1988 Health/Env Conseq: Year: Client Type: Incident Cause: OTHER CAUSE (N.O.S.) Sector Type: Incident Event: Agency Involved: Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address: Contaminant Limit 1: Site District Office: Contam Limit Freq 1: Site Postal Code: Contaminant UN No 1: Site Region: Environment Impact: POSSIBLE Site Municipality: 20101 SOIL CONTAMINATION Site Lot: Nature of Impact: Receiving Medium: LAND Site Conc: Receiving Env: Northing: MOE Response: Easting: Site Geo Ref Accu: Dt MOE Arvl on Scn: MOE Reported Dt: 2/24/1988 Site Map Datum: Dt Document Closed: SAC Action Class: Incident Reason: ERROR Source Type: Site Name: Site County/District: Site Geo Ref Meth: PERMANENT CONCRETE - 2,000 L GASOLINE TO GROUND FROM TANK. Incident Summary: Contaminant Qty:

City of Ottawa and Page Road Ottawa ON

Site:

una rugo noua			
Ref No:	5674-9XVE8G	Discharger Report:	
Site No:	NA	Material Group:	
Incident Dt:	6/27/2015	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	Overflow/Surcharge	Sector Type:	
Incident Event:	-	Agency Involved:	
Contaminant Code:	44	Nearest Watercourse:	
Contaminant Name:	SEWAGE, RAW UNCHLORINATED	Site Address:	and Page Road
Contaminant Limit 1:		Site District Office:	-
Contam Limit Freq 1:		Site Postal Code:	
Contaminant UN No 1:		Site Region:	
Environment Impact:		Site Municipality:	Ottawa
Nature of Impact:	Land; Surface Water	Site Lot:	
Receiving Medium:		Site Conc:	
Receiving Env:		Northing:	5031192
MOE Response:	Ν	Easting:	460088
Dt MOE Arvl on Scn:		Site Geo Ref Accu:	
MOE Reported Dt:	6/27/2015	Site Map Datum:	
Dt Document Closed:		SAC Action Class:	Land Spills
Incident Reason:	Blockage	Source Type:	
Site Name:	Renaud Road < UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Ottawa manhole blockage, raw sewage to roadway/ditch		

74 m<sup>3</sup>

Ottawa manhole blockage, raw sewage to roadway/ditch

#### **Taggart Construction Limited** Site: Ottawa ON

Contaminant Qty:

Ref No: 7584-BB3KRQ Discharger Report: Site No: Material Group: NA Health/Env Conseq: Incident Dt: 4/4/2019 Corporation Year: Client Type: Incident Cause: Sector Type: Incident Event: Agency Involved: Contaminant Code: Nearest Watercourse: Contaminant Name: Site Address: Ottawa Contaminant Limit 1: Site District Office: Site Postal Code: Contam Limit Freq 1: Contaminant UN No 1: Site Region: Eastern Environment Impact: Site Municipality: Ottawa Nature of Impact: Site Lot: Receiving Medium: Site Conc: Receiving Env: Northing: MOE Response: Easting: Dt MOE Arvl on Scn: Site Geo Ref Accu: MOE Reported Dt: 4/9/2019 Site Map Datum: Dt Document Closed: SAC Action Class: Incident Reason: Source Type: Site Name: 1896 John Quinn rd, Metcalfe<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: Mobile Crusher Relocation - 2019 Contaminant Qty:

Site: BFI 5 KM EAST OF NAVAN ON REG ROAD 28. MOTOR VEHICLE (OPERATING FLUID) CUMBERLAND TOWNSHIP ON

99650

Discharger Report: Material Group:

Ref No:

Site No:

Database:

SPL



Database: SPL

Incident Dt: Year: Incident Cause: Incident Event: Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: Nature of Impact: Receiving Medium: Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed: Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:

5/9/1994

PIPE/HOSE LEAK

NOT ANTICIPATED Soil contamination LAND

5/9/1994

MATERIAL FAILURE

Health/Env Conseq: Client Type: Sector Type: Agency Involved: Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 20601 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:

BFI- 45 L OF HYDRAULIC FLUID TO ROADWAY FROM BROKEN LINE.

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:

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:

The Ontario Ministry of Natural Resources maintains a database of all active pits and quarries. The database provides information regarding the registered owner/operator, location name, operation type, approval type, and maximum annual tonnage. Government Publication Date: Up to Sep 2020

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

Government Publication Date: 1800-Oct 2018

Abandoned Mine Information System:

## Anderson's Waste Disposal Sites:

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:

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:

#### 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-Dec 31, 2020

Borehole: 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

Provincial

Provincial

Private

AAGR

AGR

AMIS

ANDR

AST

AUWR

Provincial

Provincial

Private

Provincial

Certificates of Property Use:

201

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all CPU's on the registry such as (EPA s. 168.6) -Certificate of Property Use. Government Publication Date: 1994-Jan 31, 2020

Government Publication Date: 1989-Nov 2020

Canadian Natural Gas Vehicle Alliance. Government Publication Date: Dec 2012 -Dec 2020

Inventory of Coal Gasification Plants and Coal Tar Sites:

**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.

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\*

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

Private Compressed Natural Gas Stations: 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

(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-Dec 31, 2020

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

Government Publication Date: Jul 31, 2020 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

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 2018

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).

Provincial CFOT

Commercial Fuel Oil Tanks:

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.

# Dry Cleaning Facilities:

# Government Publication Date: 1985-Oct 30, 2011\*

Please refer to those individual databases for any information after Oct.31, 2011.

#### 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

Certificates of Approval:

Provincial

CA

CDRY

Federal

COAL

Provincial This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing

> Provincial CPU

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fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This

Government Publication Date: 1992-2007\*

Government Publication Date: 1999-Oct 31, 2020

Environmental Issues Inventory System:

Private ERIS Historical Searches: EHS

Profile" page.

Environmental Registry: Provincial FBR 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

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-Dec 31, 2020

Provincial Environmental Activity and Sector Registry: EASR On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain

Government Publication Date: Jul 31, 2020

regulatory agency under Access to Public Information.

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

# includes: Approval for discharge into the natural environment other than water (i.e. Air) - EPA s. 9, Approval for sewage works - OWRA s. 53(1), and EPA s. 27 - Approval for a waste disposal site. For information regarding Permit to Take Water (PTTW), Certificate of Property Use (CPU) and (ORD) Orders please refer to those individual databases.

Government Publication Date: 1994-Jan 31, 2020

company map; or from submitted a "Report of Work". Government Publication Date: 1886 - Sep 2020

Provincial Environmental Compliance Approval: **FCA** 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- Dec 31, 2020

Federal Environmental Effects Monitoring: EEM The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of database provides information on the mill name, geographical location and sub-lethal toxicity data.

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

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\*

### Drill Hole Database:

### **Delisted Fuel Tanks:** 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

#### Provincial

DRI

DTNK

Provincial

Federal

FIIS

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Emergency Management Historical Event:

#### events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017. Government Publication Date: Dec 31, 2016

#### Environmental Penalty Annual Report:

List of Expired Fuels Safety Facilities:

#### 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, 2019

#### 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.

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

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change.

Government Publication Date: Jul 31, 2020

Contaminated Sites on Federal Land:

Federal Convictions:

#### 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\*

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

Government Publication Date: Jun 2000-Sep 2020

#### Fisheries & Oceans Fuel Tanks:

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): A list of federally regulated Storage tanks from the Federal Identification Registry for Storage Tank Systems (FIRSTS). FIRSTS is Environment and

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

Government Publication Date: May 31, 2018

#### Fuel Storage Tank:

203

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: Jul 31, 2020

Federal

Provincial

Provincial List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC)

**FMHF** 

EPAR

EXP

FCS

FOFT

FRST

FST

Provincial

Provincial

Federal

Federal

Federal

#### Order No: 21031000068

#### Fuel Storage Tank - Historic:

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:

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-Jul 31, 2020

#### Greenhouse Gas Emissions from Large Facilities:

#### dioxide equivalents (kt CO2 eq). Government Publication Date: 2013-Dec 2018

Provincial **TSSA Historic Incidents:** 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: 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:

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: Jul 31, 2020

#### Landfill Inventory Management Ontario:

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status. Government Publication Date: Feb 28, 2019

Canadian Mine Locations: 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\*

204

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon

Federal

Federal

Provincial

Provincial

### Provincial

Provincial

GHG

**FSTH** 

GEN

LIMO

INC

Private

#### Mineral Occurrences:

#### 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-Jan 2020

#### National Analysis of Trends in Emergencies System (NATES):

#### 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: 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, 2018

#### National Defense & Canadian Forces Fuel Tanks:

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\*

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on

#### National Defense & Canadian Forces Spills:

#### under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered. Government Publication Date: Mar 1999-Apr 2018

#### 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.

jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2001-Apr 2007\*

#### National Energy Board Pipeline Incidents:

## Government Publication Date: 2008-Dec 31, 2020

National Defence & Canadian Forces Waste Disposal Sites:

#### National Energy Board Wells:

205

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.

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

Government Publication Date: 1920-Feb 2003\*

**MNR** 

NATE

NDFT

NDSP

NDWD

NFBI

NEBP

Provincial

Federal In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of

Provincial

Federal

Federal

Federal

Federal

Federal

#### National Environmental Emergencies System (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:

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:

#### Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. Government Publication Date: 1993-May 2017

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.

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

Government Publication Date: 1988-Aug 31, 2020

#### Ontario Oil and Gas Wells:

Oil and Gas Wells:

#### geology/stratigraphy table information, plus all water table information is also provide for each well record. Government Publication Date: 1800-Jun 2020

Inventory of PCB Storage Sites: 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

#### This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all Orders on the registry such as (EPA s. 17) - Order for remedial work, (EPA s. 18) - Order for preventative measures, (EPA s. 43) - Order for removal of waste and restoration of site, (EPA s. 44) - Order for conformity with Act for waste disposal sites, (EPA s. 136) - Order for performance of environmental measures. Government Publication Date: 1994-Jan 31, 2020

Canadian Pulp and Paper: 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:

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

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OGWF

**NPRI** 

NPCB

Provincial

Provincial

Private

Federal

NFFS

Federal

Federal

Private

Provincial

Federal

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

ORD

PCFT



Orders:

207

#### 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 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: 1986-2016 Record of Site Condition: RSC

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).

#### Retail Fuel Storage Tanks:

# Government Publication Date: 1999-Dec 31, 2020

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.

SPL List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part

#### Pesticide Register:

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-Dec 31, 2020

#### **Pipeline Incidents:**

Permit to Take Water:

#### 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: Oct 31, 2020

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\*

Ontario Regulation 347 Waste Receivers Summary:

Private and Retail Fuel Storage Tanks:

This is a subset taken from Ontario's Environmental Registry (EBR) database. It will include all PTTW's on the registry such as OWRA s. 34 - Permit to take water. Government Publication Date: 1994-Jan 31, 2020

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. registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites,

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental

Government Publication Date: 1997-Sept 2001, Oct 2004-Jan 2021

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.

#### Scott's Manufacturing Directory:

Government Publication Date: 1992-Mar 2011\*

**Ontario Spills:** 

of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X.

Government Publication Date: 1988-Mar 2020; Jul 2020 - Aug 2020

PES

PINC

PRT

**PTTW** 

REC

RST

SCT

#### Provincial

Provincial

Provincial

Provincial

Provincial

Provincial

Private

Private

Provincial

#### Order No: 21031000068

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ERIS's Private Source Database section, by the CA number. Government Publication Date: Up to Oct 1990\*

#### Water Well Information System:

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: Apr 30, 2020

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.

Provincial Variances for Abandonment of Underground Storage Tanks: 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: Jul 31, 2020

# Waste Disposal Sites - MOE CA Inventory:

Provincial WDS

Government Publication Date: Oct 2011-Dec 31, 2020

**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

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

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\*

Federal TCFT

Transport Canada Fuel Storage Tanks:

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

Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All

Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type. Government Publication Date: 1970 - Dec 2020

Wastewater Discharger Registration Database: Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power

sampling information is now collected and stored within the Sample Result Data Store (SRDS). Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks:

Provincial

Private

Provincial

Provincial

**WWIS** 

TANK

SRDS

# 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.

<u>Map Key:</u> 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.

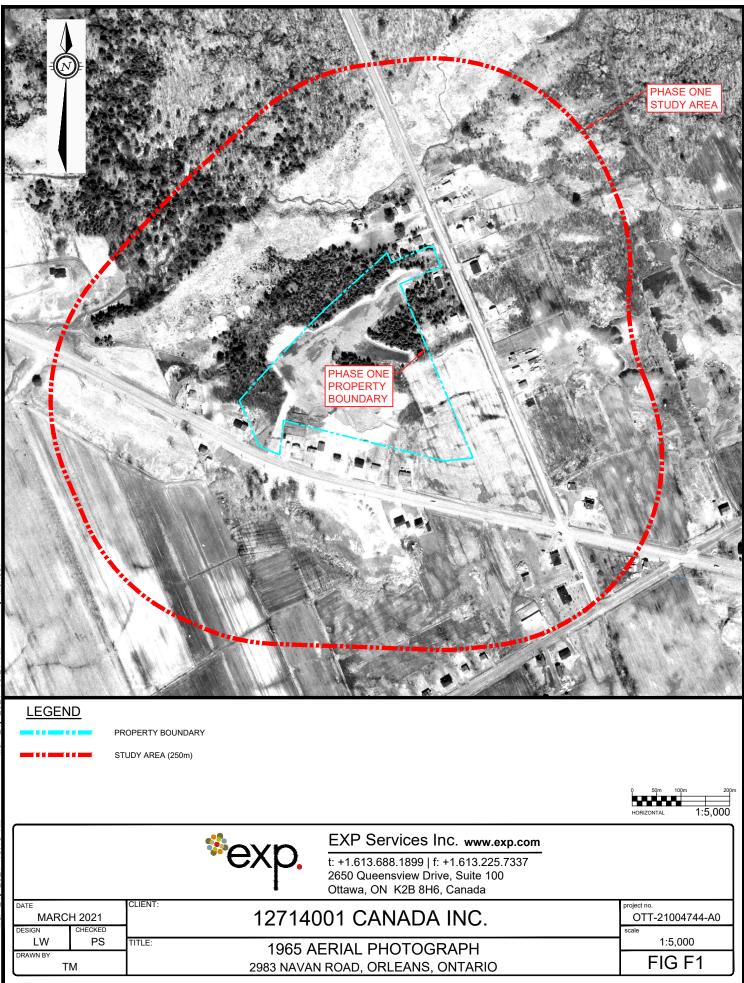
The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

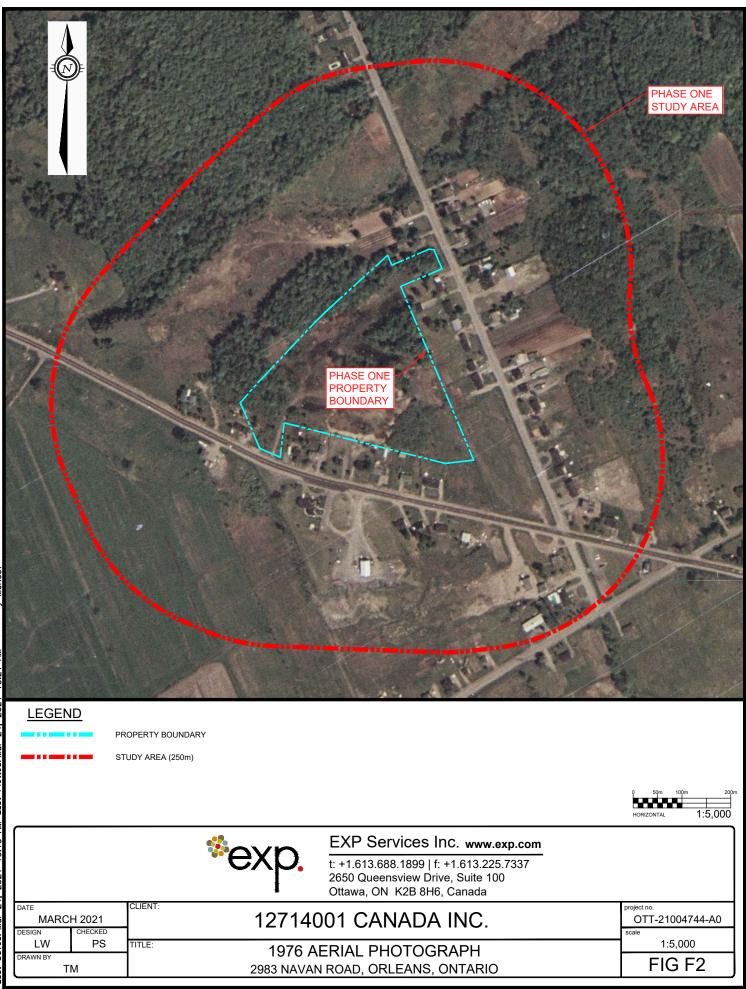
<u>Unplottables:</u> These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

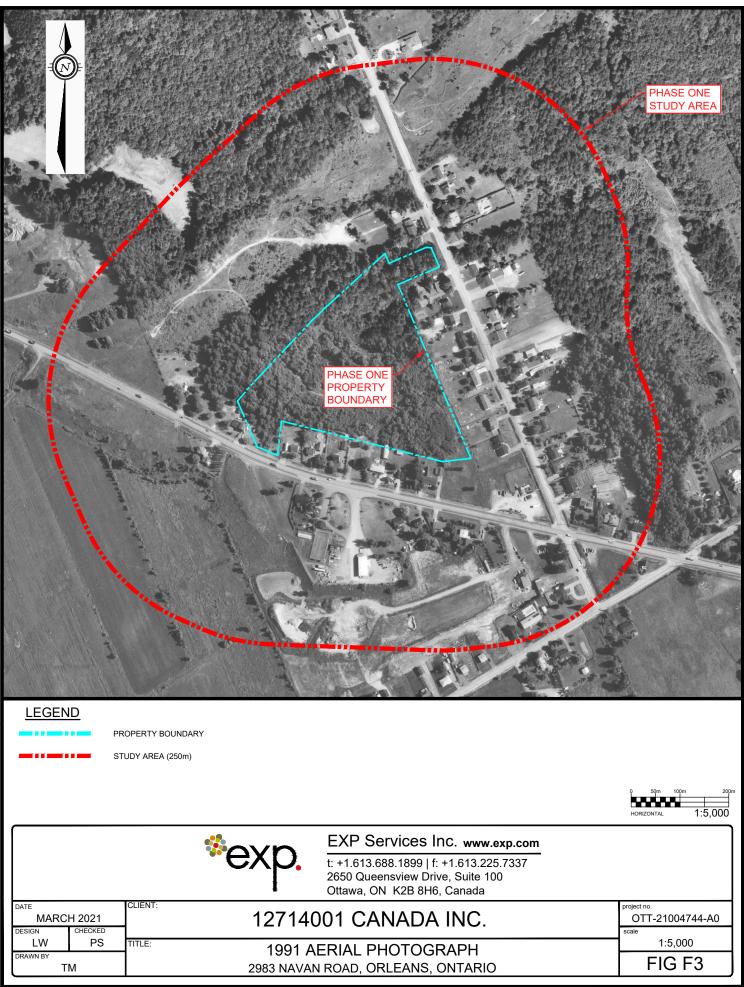
12714001 Canada Inc, Phase One Environmental Site Assessment 2983 Navan Road, Ottawa, Ontario OTT-21004744-A0 March 26, 2021 (revised July 16, 2021)

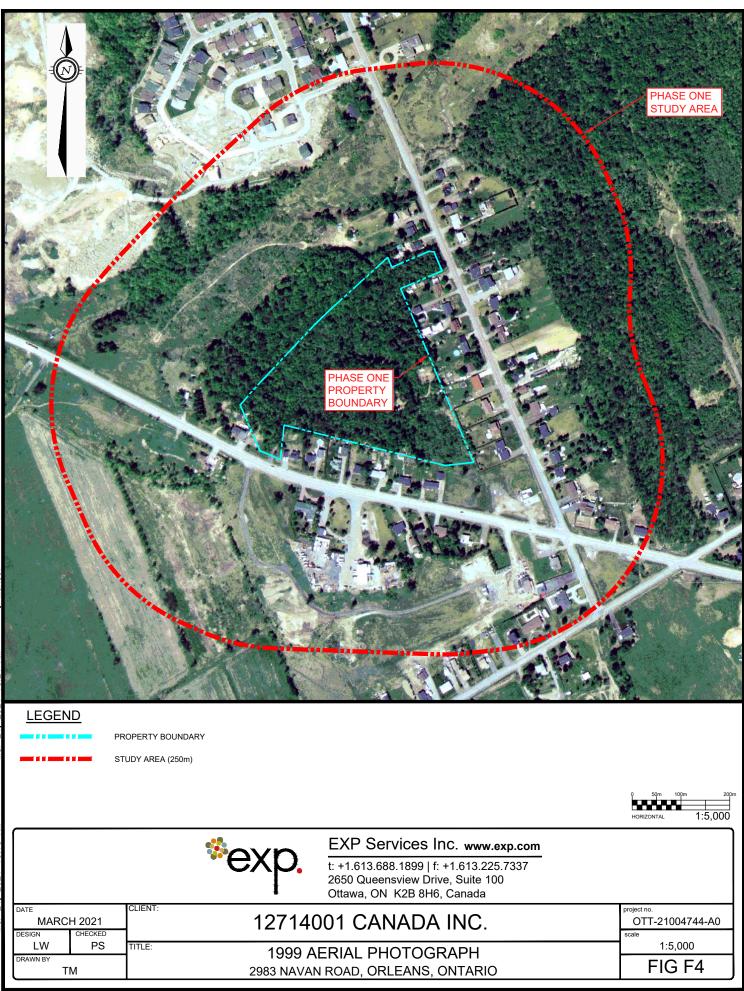
**Appendix F: Aerial Photographs** 



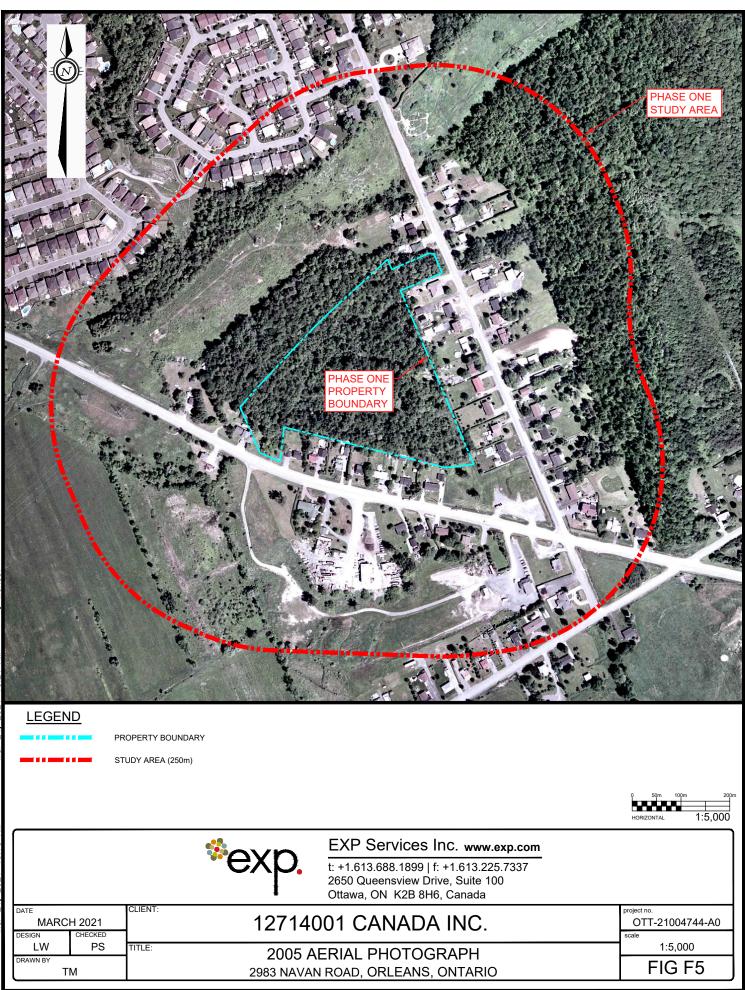








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**Appendix G: Site Photographs** 



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Photograph No. 1 View of central part of Site.



Photograph No. 2 View of pathway across the Site.

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# Photograph No. 3

View of Brian Coburn Boulevard and Chapel Hill park and Ride adjacent to the north.



**Photograph No. 4** View of adjacent residential properties to the west across Navan Road.

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# Photograph No. 5

View of adjacent vacant property and residences to the south of the Site.



Photograph No. 6 View of Laurent Leblanc Ltd., west of Site