Phase One Environmental Site Assessment
3053 and 3079 Navan Road, Ottawa, Ontario

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Executive Summary

EXP Services Inc. (EXP) was retained by H & H Gas Orleans Inc. to complete a Phase One Environmental Site Assessment (ESA) for the property located at 3053 and 3079 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 with 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 with the City of Ottawa. The most recent use of the property is not defined by Ontario Regulation 153/04. It is proposed that two three-storey condominium buildings be constructed on the Phase One property.

The Phase One property has the municipal addresses 3053 and 3079 Navan Road in Ottawa, Ontario. The Phase One property is located on the west side of Navan Road, immediately north of the intersection Navan Road and Pagé Road and is currently vacant. The Phase One property is irregular in shape with an area of approximately 1.8 acres (0.73 hectares).

The legal description of the Phase One property is described as Part of Lot 6 Concession 3, Gloucester; Part 1 5R11075 City of Ottawa. The property identification numbers (PIN) for the Phase One property are 047560316 and 047560315. The approximate Universal Transverse Mercator (UTM) coordinates for the Phase One property are Zone 18, 459436 m E and 5030972 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.

Based on a review of historical aerial photographs, historical maps, and other records, it appears that a temporary vehicle used as a snack bar was present on the Phase One property between 1990 and 2002. It does not appear that the Phase One property was ever developed, per the definition of development in Regulation 153/04. The Phase One property is currently vacant.

The nearest surface water body to the Phase One property is Mud Creek located approximately 360 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. Two of the records appear to be for the Phase One property, however the margin of error for the locations of water wells may range between 300 m and 1 km. Since the records are from 1962 and 1971 and no development was present on the Phase One property at that time, it is likely that the records pertain to the residential properties to the north along Navan Road. 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.

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 H & H Gas Orleans Inc. to complete a Phase One Environmental Site Assessment (ESA) for the property located at 3053 and 3079 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 with 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.

The most recent use of the property is not defined by Ontario Regulation 153/04. It is proposed that two three-storey condominium buidings be constructed on the Phase One 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 addresses 3053 and 3079 Navan Road in Ottawa, Ontario. The Phase One property is located on the west side of Navan Road, immediately north of the intersection Navan Road and Pagé Road and is currently vacant. The Phase One property is irregular in shape with an area of approximately 1.8 acres (0.73 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; Part 1 5R11075 City of Ottawa. The property identification numbers (PIN) for the Phase One property are 047560316 and 047560315. The approximate Universal Transverse Mercator (UTM) coordinates for the Phase One property are Zone 18, 459436 m E and 5030972 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 H & H Gas Orleans 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, 3053 Navan Road is zoned for general mixed use, and 3079 Navan Road is zoned development reserve. The vacant property to the north is zoned general mixed use. Properties to the west and adjacent east are zoned development reserve. 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 a temporary structure housing a snack bar was present on the Phase One property between 1990 and 2002, however the snack bar appeared to be a temporary mobile vehicle such as a chip truck and is not considered to be a building or structure. The Phase One property is currently vacant.

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 10, 2021, when title was transferred to H & H Gas Orleans. 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

Year	Name of Owner	Description of Property Use	Property Use	Other Observations
1929	Elizabeth Perrault	Undeveloped	Agricultural or Other	No evidence of development in the area
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 property is used for agricultural purposes. No development is visible on 1976 aerial photograph.
1987	Daniel Perrault (PIN 0316); Denis Perrault and Jean-Louis Perrault aka John Perrault (PIN 0315)	Undeveloped	Agricultural or Other	A temporary vehicle used as a chip truck is present on the property in aerial photograph dated 1991.
1992	Louise Cracknell, Andree McNeely, Francine Perrault-Leblanc, Francois Perrault (PIN 0316)	Undeveloped	Agricultural or Other	A temporary vehicle used as a chip truck is present on the property in aerial photographs dated 1999 and 2002. It is no longer present on the 2005 aerial photograph.
2021	H & H Gas Orleans	Undeveloped	Agricultural or Other	Vegetation was 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 north part of the Phase One property and the adjacent vacant property to the north. 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 a service garage and the presence of a private fuel outlet at 3000 Navan Road as potentially contaminating activities (PCAs) within the Phase One study area, however these activities were deemed to be 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 (APECs) were identified and no further environmental assessment was recommended.

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

This investigation was carried out on the adjacent vacant property to the north. 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.

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 (Phase One property) – 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 record was found:

- 3000 Navan Road (80 m west) – 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.

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.

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. No records were found.

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.

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.

3.7 EcoLog ERIS Database Search

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

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

Location	Proximity to the Site	Description	Database	Environmental Concern to Site (Yes/No) & Rationale
Navan Road and Pagé Road	South adjacent	February 2, 1996 OC Transpo vehicle spilled 5 L of hydraulic oil to road.	SPL	No, due to the small volume of contaminant spilled.
3060 Navan Road	70 m southwest	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
3000 Navan Road	80 m west	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 Phase One property.
		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
Navan Road and Renaud Road	130 m southeast	June 4, 2012 motor vehicle accident spilled 265 L of diesel fuel to ditch.	SPL	No, due to the distance from the Phase One property.

- 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. Two of the records appear to be for the Phase One property. Since the records are from 1962 and 1971 and now development was present on the Phase One property at that time, it is assumed the records are for the residential properties to the north along Navan Road.

Based on the review of the ERIS report one 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 land and appears to be in use for agricultural purposes. Navan Road and Page Road are present to the west and east. Single family houses are present to the northwest fronting Navan Road.
1976	The Phase One property appears not longer appears to be in use for agricultural purposes and consists of vacant land. Single family houses have been constructed northeast of the Phase One property, along Pagé Road.
1991	A temporary object, which appears to be a trailer or vehicle, is present on the south part of the Site. A gravel access to Navan Road and parking area has been constructed and several cars are present on the Site. The study area appears to be similarly developed to the 1976 aerial photograph.
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.
2005	The temporary vehicle has been removed and the Phase One property is vacant. The Phase One study area appears to be similarly developed to the 2005 aerial photograph.
2008	The Phase One property appears to be similarly developed to the 2005 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 Phase One property. 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 Phase One property.

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

Based on these applications, bedrock in the general area of the Phase One property consists of dolostone and limestone of the Ottawa Formation. Beneath any fill, the Phase One property 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.

3.8.3 Fill Materials

Although gravel was brought to the site when the snack bar was in operation, it is unlikely that there are significant quantities of imported fill present on the Phase One property.

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 360 m north of the Phase One property. 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. Two of the records appear to be for the Phase One property, however the margin of error for the locations of water wells may range between 300 m and 1 km. Since the records are from 1962 and 1971 and no development was present on the Phase One property at that time, it is likely that the records pertain to the residential properties to the north along Navan Road. 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.

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 previous owner of the property could not be contacted.

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 of tall grass. No buildings or structures were observed.

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 at 3053 Navan Road were dormant.

5.6 Fill and Debris

A circular gravel driveway is present off Navan Road.

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 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: Vacant woodlot;
- West: Residential and commercial (Laurent Leblanc Ltd.);
- East: Residential; and
- South: Residential.

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, and other records, it appears that a temporary vehicle used as a snack bar was present on the Phase One property between 1990 and 2002. It does not appear that the Phase One property was ever developed, per the definition of development in Regulation 153/04. The Phase One property is currently 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 2.

6.4.1 Buildings and Structures

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

6.4.2 Water Bodies and Groundwater Flow Direction

The nearest surface water body to the Phase One property is Mud Creek located approximately 360 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. Two of the records appear to be for the Phase One property, however the margin of error for the locations of water wells may range between 300 m and 1 km. Since the records are from 1962 and 1971 and no development was present on the Phase One property at that time, it is likely that the records are for the residential properties to the north along Navan Road. 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.

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.
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- Natural Resources Canada, The Atlas of Canada – Toporama website (atlas.gc.ca/toporama/en/)
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- Ontario Ministry of Energy, Northern Development and Mines, Bedrock Geology Application (www.mndm.gov.on.ca/en/mines-and-minerals/applications/ogsearth/bedrock-geology), March 19, 2018.
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- Ontario Ministry of the Environment, Conservation and Parks, *Guide for Completing Phase One Environmental Site Assessments under Ontario Regulation 153/04*, June 2011.
- Ontario Ministry of the Environment, Conservation and Parks *Hazardous Waste Information Network website* (www.hwin.ca).
- Ontario Ministry of the Environment, Conservation and Parks, *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*, November 1988.
- Ontario Ministry of the Environment, Conservation and Parks, *Ontario Inventory of PCB Storage Sites*, October 1995.
- Ontario Ministry of the Environment, Conservation and Parks, *Protocol for Analytical Methods Used in the Assessment of Properties under Part XV.1 of the Environmental Protection Act*, July 1, 2011.
- Ontario Ministry of the Environment, Conservation and Parks, Records of Site Condition website (www.lrcsde.lrc.gov.on.ca).
- Ontario Ministry of the Environment, Conservation and Parks, *Waste Disposal Site Inventory*, June 1991.
- Ontario Ministry of the Environment, Conservation and Parks, Water Wells website (www.ontario.ca/environment-and-energy/map-well-records water wells).
- Ontario Ministry of Labour, *Occupational Health and Safety Act*, R.S.O. 1990.
- 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.

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

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

Basis of Report

This report ("Report") is based on site conditions known or inferred by the investigation undertaken as of the date of the Report. Should changes occur which potentially impact the condition of the site the recommendations of EXP may require re-evaluation. Where special concerns exist, or H & H Gas Orleans 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. If new information about the environmental conditions at the Site is found, the information should be provided to EXP so that it can be reviewed and revisions to the conclusions and/or recommendations can be made, if warranted.

Standard of Care

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

Complete Report

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

Use of Report

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

Report Format

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

10.0 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

Appendix A: Qualifications of Assessors

Qualifications of Assessors

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

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.

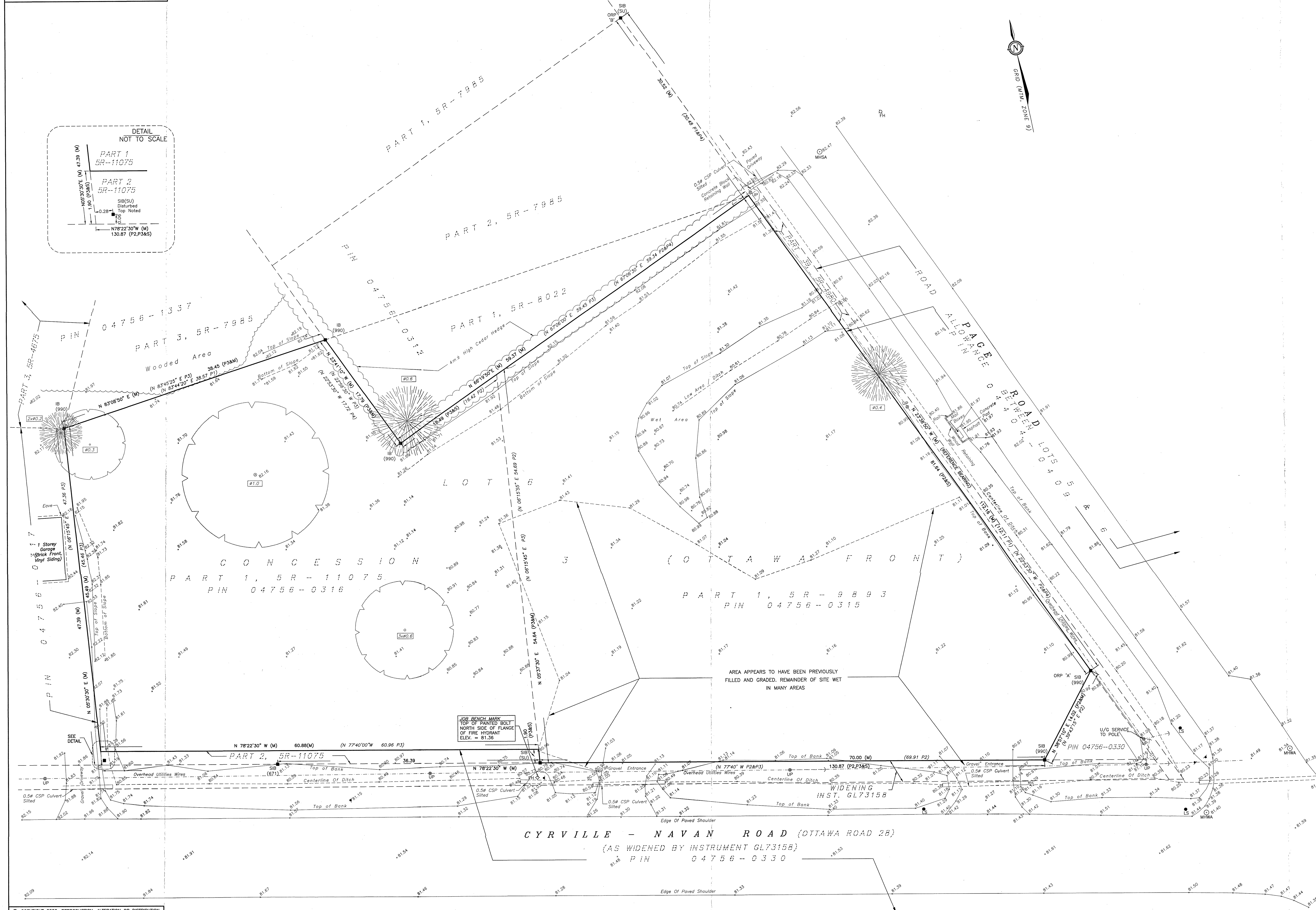
Appendix B: Survey Plan

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

TOPOGRAPHIC SURVEY OF
PART OF LOT 6
CONCESSION 3 (OTTAWA FRONT)
GEOGRAPHIC TOWNSHIP OF GLOUCESTER
CITY OF OTTAWA

SCALE 1 : 200
0 5 10 20 metres

FAIRHALL, MOFFATT & WOODLAND LIMITED
ONTARIO LAND SURVEYORS



ELEVATION NOTES

1. ELEVATIONS ARE REFERRED TO GEODETIC DATUM (CVGD28).
2. IT IS THE RESPONSIBILITY OF THE USER OF THIS INFORMATION TO VERIFY THAT THE JOB BENCH MARK HAS NOT BEEN ALTERED OR DISTURBED AND THAT ITS RELATIVE ELEVATION AND DESCRIPTION AGREE WITH THE INFORMATION SHOWN ON THIS DRAWING.
3. THE CULVERTS ARE HEAVILY SILTED AND IN SOME CASES PARTIALLY BLOCKED. MOST ARE IN VERY POOR CONDITION. THE ELEVATIONS SHOWN AT THE ENDS OF THE CULVERTS CANNOT BE ACCEPTED AS VALID INVERT ELEVATIONS.

NOTES

1. BEARINGS ARE MTM GRID, DERIVED FROM OBSERVED REFERENCE POINTS Ⓐ AND Ⓑ, BY REAL-TIME NETWORK (RTN) OBSERVATIONS AND ARE REFERRED TO THE CENTRAL MERIDIAN, 76°30'W LONGITUDE, MTM ZONE 9, NAD83 (CSRS,2010.0).
2. WINTER CONDITIONS – PART OF THIS SURVEY WAS CONDUCTED WHEN THERE WAS 15 CM OF SNOW ON THE GROUND .

LEGEND

- ■ – SURVEY MONUMENT FOUND
- SIB – STANDARD IRON BAR
- IB – IRON BAR
- (P1) – PLAN 5R–7985
- (P2) – PLAN 5R–9893
- (P3) – PLAN 5R–11075
- (P4) – PLAN 5R–8022
- (S) – SET
- (M) – MEASURED
- PIN – PROPERTY IDENTIFIER NUMBER
- ø – DIAMETER
- (SU) – SOURCE UNKNOWN
- (990) – PAYETTE, HIMMA, DELORME LTD., O.L.S.
- (671) – F.H. GOOCH, O.L.S.
- ORP – OBSERVED REFERENCE POINT
- CSP – CORRUGATED IRON PIPE
- U/G – UNDERGROUND
- ○ MHSA – SANITARY MANHOLE
- ○ MHWA – WATER MANHOLE
- ● LS – LAMP STANDARD
- ⊗ UP – UTILITY POLE
- GUY WIRE AND ANCHOR
- SIGN
- CONIFEROUS TREE
- DECIDUOUS TREE
- FH – FIRE HYDRANT

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:
1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT, THE LAND TITLES ACT AND THE REGULATIONS MADE UNDER THEM.
2. THE SURVEY WAS COMPLETED ON DECEMBER 02, 2020.

2020/12/10
DATE

JOHN H. GUTRI
ONTARIO LAND SURVEYOR

ASSOCIATION OF ONTARIO LAND SURVEYORS
PLAN SUBMISSION FORM
2145217

THIS PLAN IS NOT VALID UNLESS IT IS AN EMBOSSED ORIGINAL COPY ISSUED BY THE SURVEYOR In accordance with Regulation 1026, Section 29 (3).

REVISION : DECEMBER 10, 2020

Fairhall Moffatt & Woodland LIMITED OTTAWA
ONTARIO LAND SURVEYORS
Surveying and Land Information Services
100–600 TERRY FOX DRIVE, KANATA, ONTARIO K2L 4B6
TEL: (613) 591–2580 FAX: (613) 591–1495
www.fmw.on.ca

JOB No.	AA32900
E 381565, N 5032832	
REFERENCE No.	159 – 3 (OF) GR
S:\JOBS\AA32900\DWGS 10Dec2020	Tp_AA329_REV.dwg (ss)

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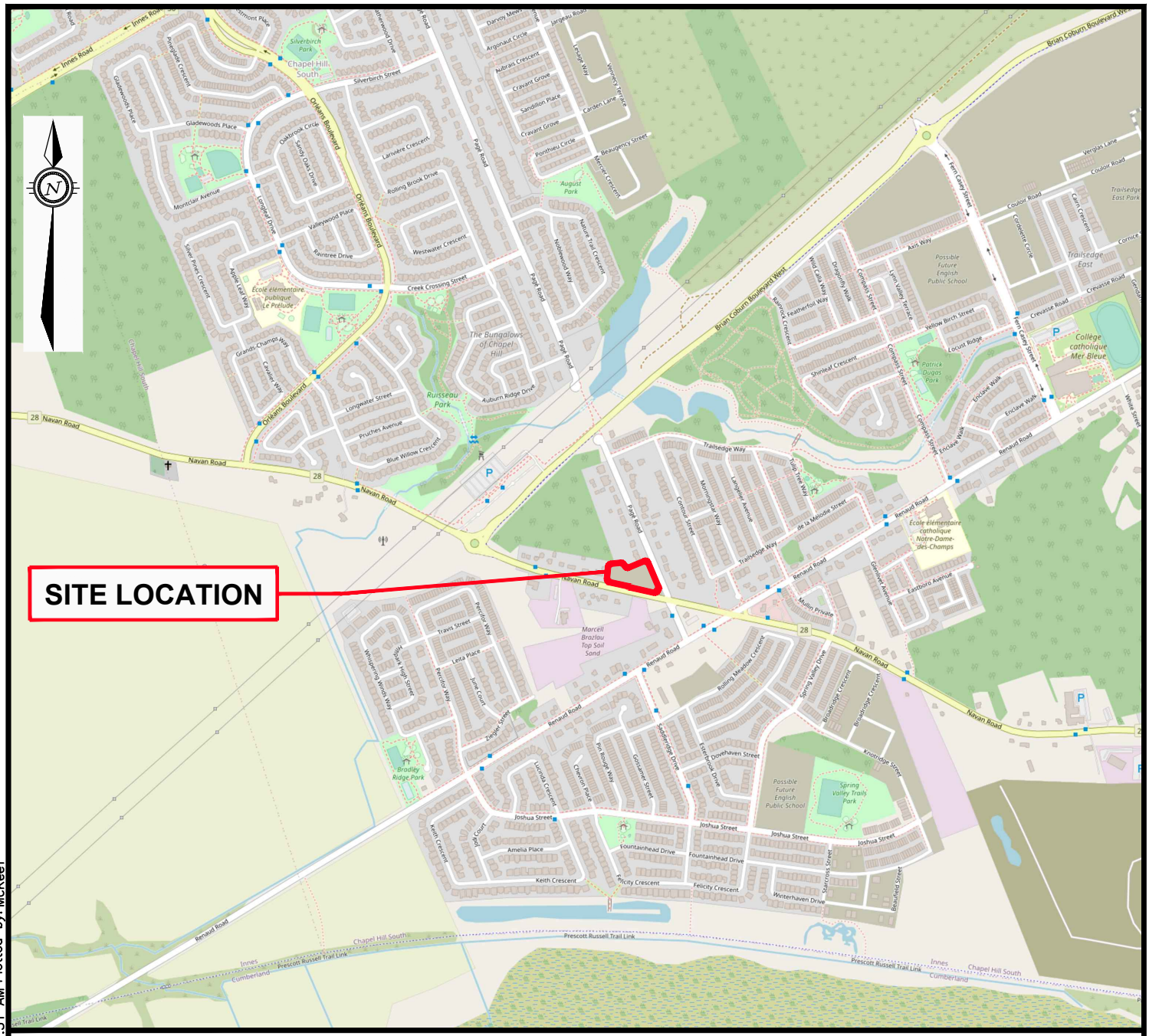
Appendix C: Figures



HORIZONTAL 0 150m 300m 600m 1:15,000

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

DATE: MARCH 2021	CLIENT: H & H GAS ORLEANS INC.	project no.: OTT-21004743-A0
DESIGN: LW / CHECKED: PS		scale: ~1:15,000
DRAWN BY: TM	TITLE: SITE LOCATION PLAN 3053 & 3079 NAVAN ROAD, ORLEANS, ONTARIO	FIG 1

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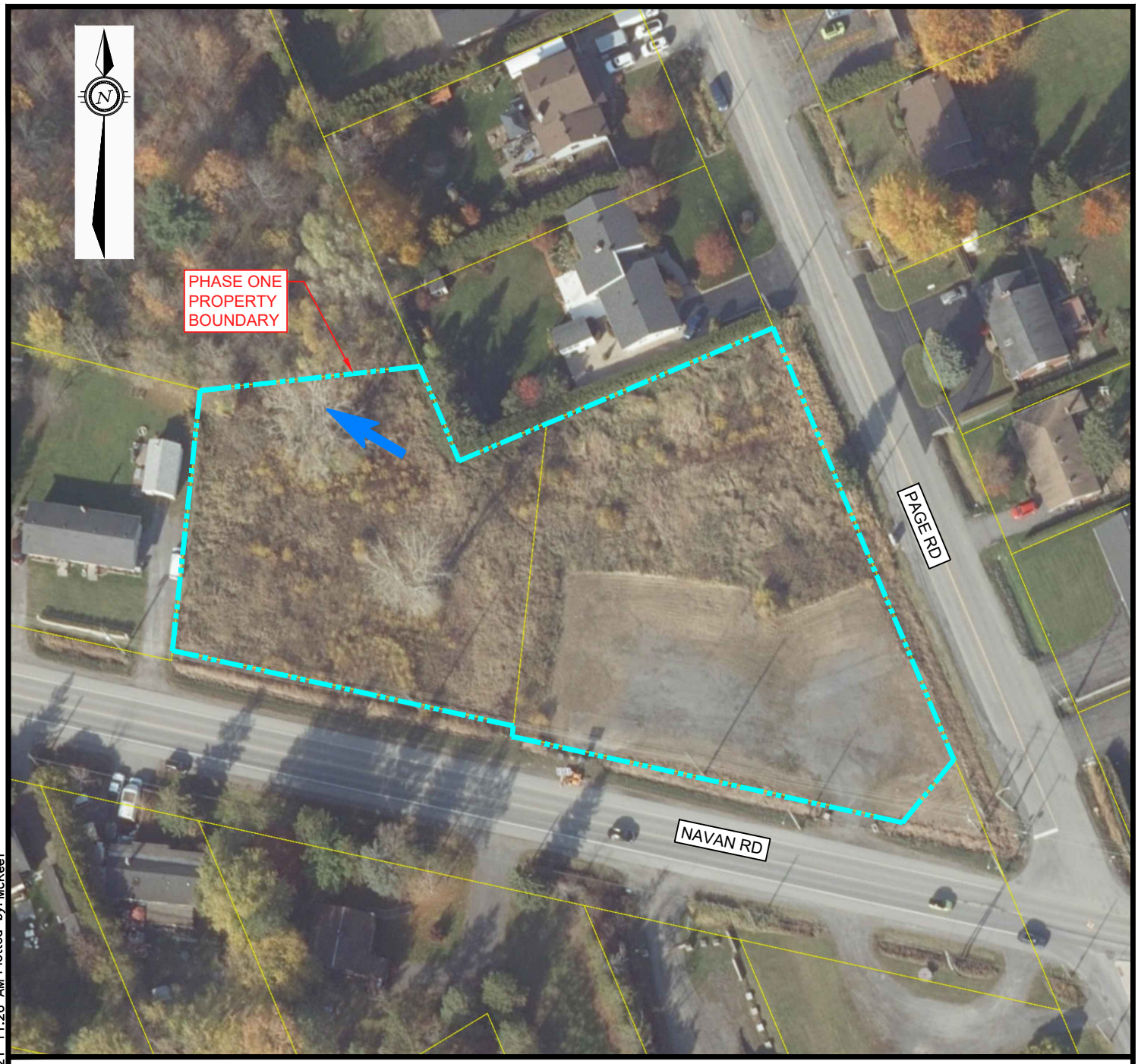


LEGEND

PROPERTY BOUNDARY

INFERRED GROUNDWATER
FLOW DIRECTION

0 4m 8m 16m

HORIZONTAL 1:400

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

DATE: MARCH 2021	CLIENT: H & H GAS ORLEANS INC.	project no. OTT-21004743-A0
DESIGN: LW / CHECKED: PS		scale: 1:400
DRAWN BY: T.M.	TITLE: SITE PLAN 3053 & 3079 NAVAN ROAD, ORLEANS, ONTARIO	FIG 2

Filename: E:\OTT\OTT-21004743-A0\60 Execution\65 Drawings\phase 1\21004743-A0 ph1.dwg
Last Saved: Mar 26, 2021 8:37 AM Last Plotted: Mar 26, 2021 11:26 AM Plotted by: McKeeT

LEGEND

- PROPERTY BOUNDARY
- STUDY AREA (250m)
- INFERRED GROUNDWATER FLOW DIRECTION
- PCA10 — POTENTIALLY CONTAMINATING ACTIVITY (PCA)

0 50m 100m 200m
HORIZONTAL 1:5,000

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

DATE: MARCH 2021	CLIENT: H & H GAS ORLEANS INC.	project no.: OTT-21004743-A0
DESIGN: LW / CHECKED: PS		scale: 1:5,000
DRAWN BY: TM	TITLE: PHASE ONE STUDY AREA 3053 & 3079 NAVAN ROAD, ORLEANS, ONTARIO	FIG 3

Filename: E:\OTT\OTT-21004743-A0\60 Execution\65 Drawings\phase 1\21004743-A0 ph1.dwg
Last Saved: Mar 26, 2021 8:37 AM Last Plotted: Mar 26, 2021 11:26 AM Plotted by: McKeeT

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:

3053 and 3079 Navan Road, Ottawa
Part of Lot 6, Concession 3 OF Gloucester.

PIN: 04756-0315
04756-0316

LAST REGISTERED OWNER: H & H Gas Orleans

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 William J. Perrault to Louis Perrault

PIN 0316

Deed N412791 registered Oct 21, 1987
From estate of Louis Perrault to Daniel Perrault

Deed N634066 registered Sep 23, 1992
From estate of Daniel Perrault to Louise Cracknell, Andree McNeely, Francine Perrault-Leblanc, Francois Perrault

Deed OC2345715 registered May 10, 2021
From Louise Cracknell, Andree McNeely, Francine Perrault-Leblanc, Francois Perrault to H & H Gas Orleans

PIN 0315

Deed N419326 registered Dec 4, 1987
From estate of Louis Perrault to Denis Perrault, Jean-Louis Perrault aka John Perrault

Deed OC2345714 registrar May 10, 2021
From Denis Perrault, Jean-Louis Perrault, John Perrault to H & H Gas Orleans

File Number: D06-03-21-0066

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
3053 and 3079 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:

- No information was returned on the Subject Property from Departmental circulation.

Documents Provided:

HLUI Summary Report and HLUI Map

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

Additional information may be obtained by contacting:

Ontario's Environmental Registry

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

The Ontario Land Registry Office

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

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

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

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

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

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

Sincerely,

Jeffrey Ren

Per:

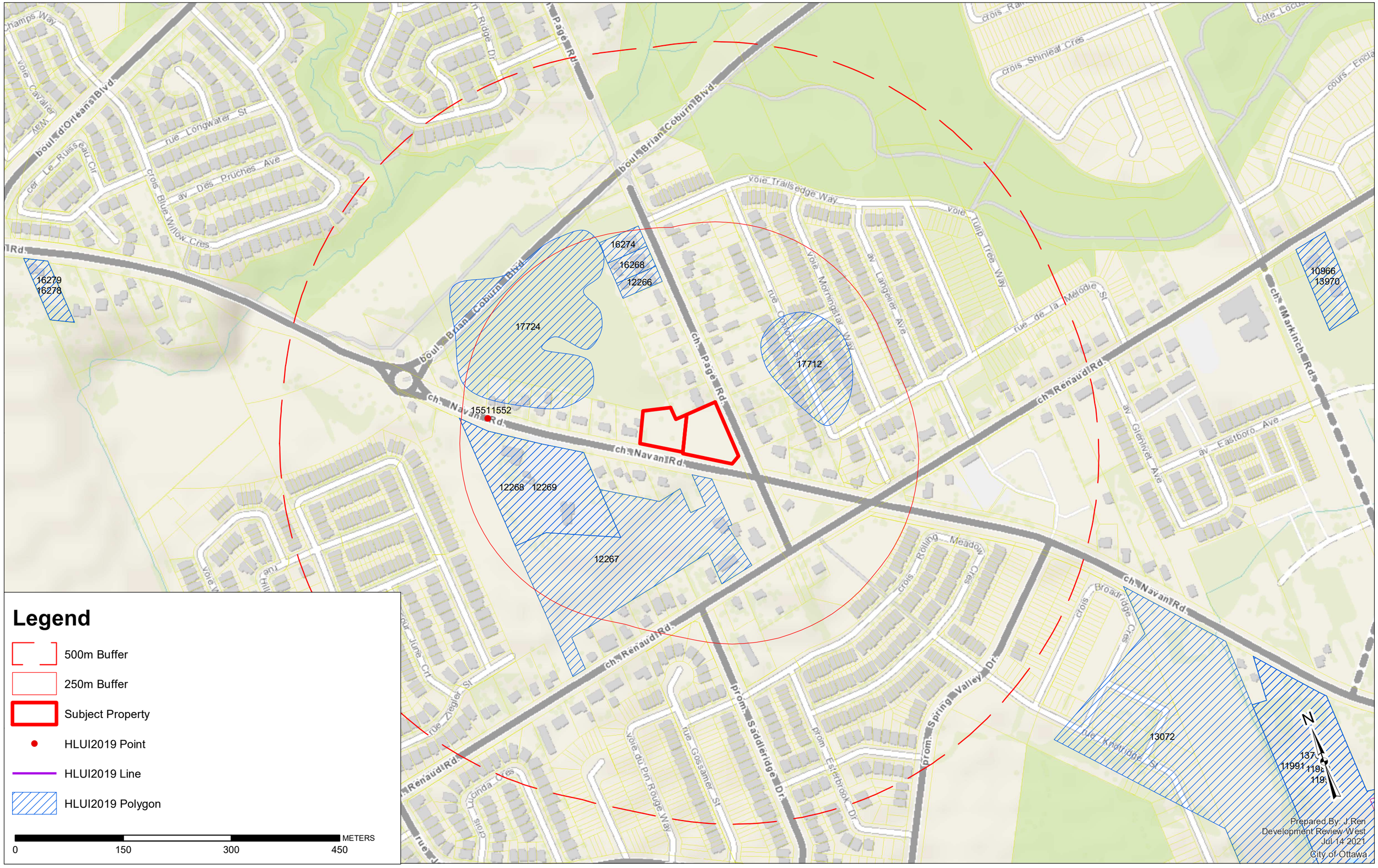
Michael Boughton, MCIP, RPP
Senior Planner
Development Review East
Planning Services
Planning, Infrastructure and Economic Development Department

MB / JR

Enclosures: (2)
1. HLUI Map
2. HLUI Summary Report

cc: File no. D06-03-21-0066

HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP



HLUI SUMMARY REPORT
AREA FEATURES

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	YEAR	YEAR_1	ST_NUM	ST_NAME	ST_SUFFIX	PIN2017
12266	RICK MENARD HEATING & COOLI	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-PI	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	

Prepared By: *D.Kiar*
City of Ottawa
Environmental Remediation Unit
7/15/2021

HLUI SUMMARY REPORT
POINT FEATURES

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	TANK_LOCATION	TANK_CONTENT	TANK_SIZE	TANK_TYPE	TANK_STATUS	SOURCE	INSTALLED_ST_NUM	INSTALLED_ST_NAME	INSTALLED_ST_ABR	MTM_X	MTM_Y	TANK_MATERIAL	TANK_ID	DATE_INSTALLED
1551	MARCEL BRAZEAU TOP	Gasoline Station - Self S	AST	gasoline	9280	Licensed	Active	TSSA	3060	NAVAN	RD	381284.8111	5032852.541	Steel	ST8663	2001
1552	MARCEL BRAZEAU TOP	Gasoline Station - Self S	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-21004743-A0 **File Review Request**
3053 & 3079 Navan Road, Ottawa, Ontario

Dear Sir or Madam:

I am sending a Freedom of Information Request to you for 3053 & 3079 Navan Road, Ottawa, Ontario (single property). We are conducting an environmental site assessment and require any environmental concerns.

If possible, we would appreciate receiving the documentation by email (kathy.radisch@exp.com) 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

100 - 2650 Queensview Drive, Ottawa, Ontario K2B 8H6
T: +1.613.688.1899 • F: +1.613.225.7337 • www.exp.com

Ontario

Ministry of the Environment and Climate Change

Freedom of Information and
Protection of Privacy Office
40 St. Clair Avenue West, 12th Floor
Toronto ON M4V 1M2
Telephone 416 314-4075

Freedom of Information Request

Instructions

Use this form to request records that are in the Ministry's files on environmental concerns related to properties. Our fax number is 416 314-4285.

For Ministry Use Only

FOI Request Number	Date Request Received (yyyy/mm/dd)
Fee Paid	☐ Cheque ☐ VISA/MC ☐ Cash/Money Order

☐ CNR ☐ ER ☐ NOR ☐ SWR ☐ WCR ☐ IEB ☐ EAA ☐ EMR ☐ SCB ☐ SDW

1. Requester Data

Last Name	First Name	Middle Initial
Radisch	Kathy	

Title	Company Name
Senior Administrative Assistant	EXP Services Inc.

Mailing Address

Unit Number	Street Number	Street Name	PO Box
100	2650	Queensview Drive	

City/Town	Province	Postal Code
Ottawa	Ontario	K2B 8H6

Email Address	Telephone Number	Fax Number
Kathy.Radisch@exp.com	613 688-1899 ext. 3296	613 225-7337

Project/Reference Number	Signature of Requester
OTT-21004744-A0	Kathy Radisch

2. Request Parameters

Municipal Address (Municipal address mandatory for cities, towns or regions)

Unit Number	Street Number	Street Name	PO Box
		Navan Road	

Lot Number	Concession	Geographic Township
3053 & 3079 (single property)		Ottawa-Carleton

City/Town/Village	Province	Postal Code
Ottawa	Ontario	

Present Property

1. Owner: H & H Gas Orleans Inc. — Date of Ownership (yyyy/mm/dd):
   Tenant (if applicable): Vacant land

Previous Property

1. Owner: Unknown — Date of Ownership (yyyy/mm/dd):
   Tenant (if applicable):

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3. Search Parameters

Search Parameters	Specify Year(s) Requested
Environmental concerns (General correspondence, occurrence reports, abatement)	All
Orders	All
Spills	All
Investigations/prosecutions ► Owner and tenant information must be provided	All
Waste Generator number/classes	All

Files older than 2 years may require $60.00 retrieval cost. There is no guarantee that records responsive to your request will be located.

4. Environmental Compliance Approvals/Certificates of Approval

Environmental Compliance Approvals/Certificates of Approval	SD	Specify Year(s) Requested
air - emissions	☐	
renewable energy	☐	
water - mains, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster)	☐	
sewage - sanitary, storm, treatment, stormwater, leachate & leachate treatment & sewage pump stations	☐	
waste water - industrial discharge	☐	
waste sites - disposal, landfill sites, transfer stations, processing sites, incinerator sites	☐	
waste systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, PCB destruction	☐	

Proponent information must be provided and Environmental Compliance Approval/Certificate of Approval number(s) (if known). 1985 and prior records are searched manually. Search fees in excess of $300.00 may be incurred, depending on the types and years to be searched. Specify Approval number(s) (if known). If supporting documents are also required, mark SD box and specify type e.g. maps, plans, reports, etc.

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.	☑ Yes	☐ No

3.2 For the waste management system that is the subject of this registration, please confirm that ALL of the following statements apply:

(a) The waste management system involves only the collection, handling, transportation and transfer of waste by waste transportation vehicle (truck).	☑ Yes	☐ No
(b) The waste transportation system does not include any on-truck processing of waste.	☑ Yes	☐ No

3.3 Does the waste management system involve the management of any of the following waste types (as they are defined within the meaning of Regulation 347 of the Environmental Protection Act, or in the case of biomedical waste or treated biomedical waste, the Ministry of the Environment.s Guideline C-4: The Management of Biomedical Waste in Ontario)?

(a) Hazardous waste*	☐ Yes	☑ No
(b) Liquid industrial waste	☐ Yes	☑ No
(c) Biomedical waste or treated biomedical waste	☐ Yes	☑ No
(d) Asbestos waste	☐ Yes	☑ 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	☑
(f) Tires	☐
(g) Commercial Waste	☐
(h) Wood Waste	☐
(i) Waste Wash Water	☐
(j) Non-hazardous Solid Industrial Waste	☑
(k) Contaminated Soil	☑
(l) Processed Organics	☐
(m) Hauled Sewage	☐
(n) Non-hazardous Spill Cleanup Material	☑

(o) Describe 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	☐ Exit to
Manitoba	☐ Enter from	☐ Exit to
New York	☐ Enter from	☐ Exit to
Michigan	☐ Enter from	☐ Exit to
Minnesota	☐ Enter from	☐ Exit 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			

Appendix E: EcoLog ERIS Report

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

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

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

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Executive Summary

Property Information:

Project Property:	*Phase One ESA* *Navan Road Properties at Page & Brian Coburn Orléans ON K1C 7G4*
Project No:	*OTT-21004743-A0 & OTT-21004744-A0, 100, Patricia S*

Order Information:

Order No:	*21031000068*
Date Requested:	*March 10, 2021*
Requested by:	*exp Services Inc.*
Report Type:	*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
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	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)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	2	2
FSTH	Fuel Storage Tank - Historic	Y	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 (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PINC	Pipeline Incidents	Y	0	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	Y	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

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	WWIS		lot 6 con 3 ON ***Well ID:*** 1501429	SE/0.0	-1.00	33
2	WWIS		lot 6 con 3 ON ***Well ID:*** 1511098	SE/0.0	-1.00	36

Executive Summary: Site Report Summary - Surrounding Properties

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

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

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

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

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

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
48	GEN	Laurent Leblanc ltd	3000 Navan road Orleans ON K1C 7G4	SSW/120.0	-1.00	123
48	EASR	2561678 ONTARIO INC.	3000 NAVAN RD ORLEANS ON K1C 7G4	SSW/120.0	-1.00	123
48	GEN	Laurent Leblanc ltd	3000 Navan road Orleans ON K1C 7G4	SSW/120.0	-1.00	123
49	WWIS		lot 6 con 3 ON ***Well ID:*** 1501420	SE/138.1	-1.00	124
50	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	126
50	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	127
50	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	127
50	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	127
51	EHS		Navan and Renaud Road Ottawa ON K4B 1H9	S/156.8	-1.00	128
51	EHS		Navan and Renaud Road Ottawa ON K4B 1H9	S/156.8	-1.00	128
51	EHS		Navan and Renaud Road Ottawa ON K4B 1H9	S/156.8	-1.00	128
52	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	128

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

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

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

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
69	PINC		6173 Renaud Road, Ottawa ON	E/249.5	0.00	158

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.

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

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 6 CA site(s) within approximately 0.25 kilometers of

the project property.

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

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.

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

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.

Site	Address	Distance (m)	Map Key
City of Ottawa	2955 Navan Rd Ottawa ON K2G 6J8	61.6	25
Andre Leblanc Cartage Ltd.	3000 Navan Road Gloucester ON K1C 7G4	120.0	48
Laurent Leblanc Limited	3000 Navan Road Gloucester ON K1C 7G4	120.0	48
Andre Joseph Jean Leblanc	3000 Navan Road Gloucester ON K1C 7G4	120.0	48
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	50
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	50

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.

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

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

Site	Address	Distance (m)	Map Key
	6102 Renaud Rd Ottawa ON K1W1E9	210.8	61

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.

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

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.

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

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.

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

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

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

Site	Address	Distance (m)	Map Key
1310034 Ontario Inc. Cob National Coatings	2624 Page Rd. Ottawa ON K1W1E8	248.8	68

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	Distance (m)	Map Key
	2777 PAGE ROAD Orleans ON K1W 1G1	63.6	27
	6126 RENAUD ROAD GLOUCESTER ON K1W 1E9	169.7	53
	6126 RENAUD ROAD GLOUCESTER ON K1W 1E9	169.7	53

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.

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

PINC - 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.

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

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

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.

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

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.

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

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

WWIS - Water Well Information System

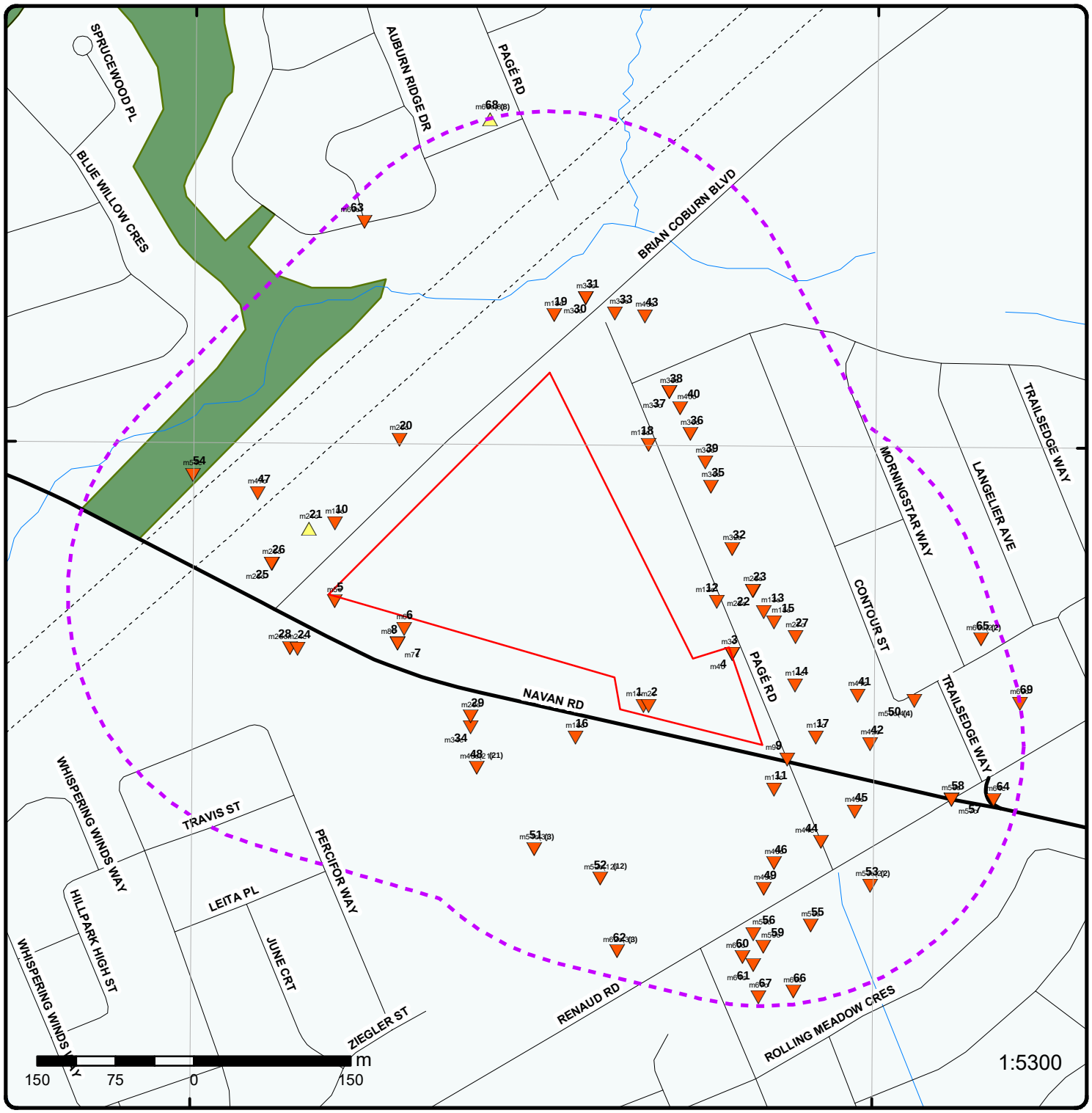
A search of the WWIS database, dated Apr 30, 2020 has found that there are 33 WWIS site(s) within approximately 0.25 kilometers of the project property.

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

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

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

Site	Address	Distance (m)	Map Key
	Well ID: 1501529		
	lot 5 con 4 ON ***Well ID:*** 1509638	227.6	64
	6102 RENAUD ST OTTAWA ON ***Well ID:*** 7300645	238.0	66
	6102 RENAUD ST OTTAWA ON ***Well ID:*** 7300715	241.2	67



Map: 0.25 Kilometer Radius

Order Number: 21031000068

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

ENVIRONMENTAL RISK INFORMATION SERVICES

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Expressway
- Principal Highway
- Secondary Highway
- Major Road
- Local road
- Trail
- Proposed Road
- Ferry Route/Ice Road
- Industrial and Resource - Regions
- Main Line
- Sidetrack
- Transit Line
- Abandoned Line
- National Park
- Provincial or Territorial Park
- Other Park
- Golf Course or Driving Range
- Park or Sports Field
- Other Recreation Area

Source: © 2015 DMTI Spatial Inc.

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75°31'30"W

45°25'30"N

45°25'30"N

Aerial

Year: 2008

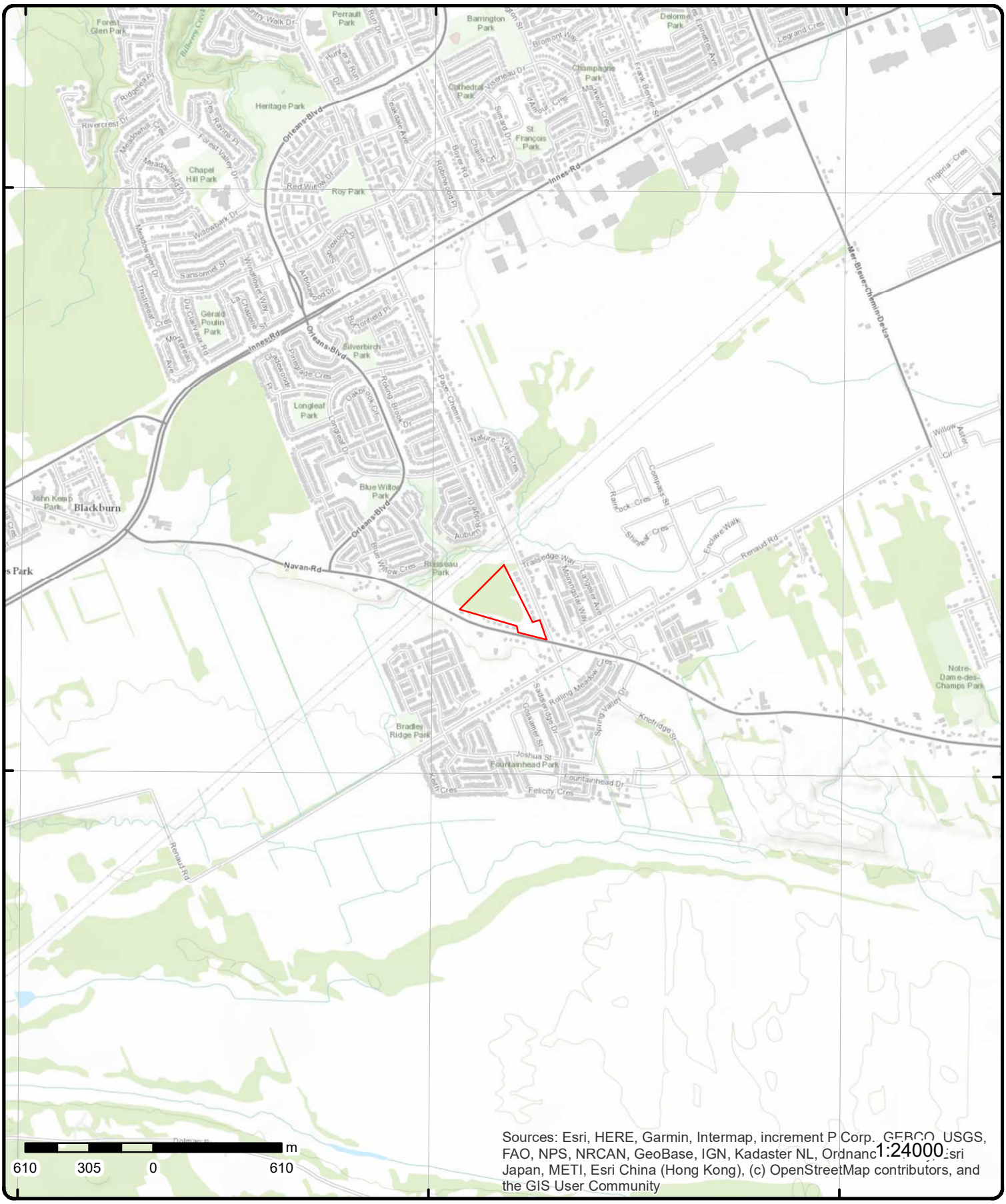
Order Number: 21031000068

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

ENVIRONMENTAL RISK INFORMATION SERVICES

Source: ESRI World Imagery

© ERIS Information Limited Partnership



Topographic Map

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

Source: ESRI World Topographic Map

Order Number: 21031000068

ENVIRONMENTAL RISK INFORMATION SERVICES

© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (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 Water Use:	Domestic	**Date Received:**	12/7/1962
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**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:**	
Depth to Bedrock:		**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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/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 Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

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

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 12
Formation End Depth: 90
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930991809
Layer: 3
Color:
General Color:
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 90
Formation End Depth: 95
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930991810
Layer: 4
Color: 6
General Color: BROWN
Mat1: 19
Most Common Material: SLATE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 95
Formation End Depth: 107
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930991807
Layer: 1
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 12
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501429
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572042
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039826
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 107
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930039825
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 97
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501429
Pump Set At:
Static Level: 20
Final Level After Pumping: 30
Recommended Pump Depth: 30
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 10
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933454136
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 107

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

Water Found Depth UOM: ft

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2 | **1 of 1** | **SE/0.0** | **79.9 / -1.00** | **lot 6 con 3 ON** | **WWIS**

Well ID:	1511098	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	3/26/1971
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**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:**	
Depth to Bedrock:		**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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1511098.pdf

Bore Hole Information

Bore Hole ID:	10033095	**Elevation:**	80.817977
DP2BR:	100	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	459370.8
Code OB Desc:	Bedrock	**North83:**	5030972
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	9/12/1970	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

Formation ID:	931016668
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	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 Use

Method Construction ID:	961511098
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10581665
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930058719
Layer:	1
Material:	2
Open Hole or Material:	GALVANIZED
Depth From:	
Depth To:	104
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930058720
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	106
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991511098
Pump Set At:	

Static Level:	32
Final Level After Pumping:	50
Recommended Pump Depth:	60
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	6
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934097636
Test Type:	Draw Down
Test Duration:	15
Test Level:	45
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934899706
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934380649
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934642782
Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933466165
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	106
Water Found Depth UOM:	ft

3 ***1 of 1*** ***ESE/1.1*** ***80.7 / -0.20*** ***lot 6 con 3 ON*** ***WWIS***

Well ID:	1510718	***Data Entry Status:***	
Construction Date:		***Data Src:***	1

Primary Water Use:	Domestic	**Date Received:**	2/23/1971
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**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:**	
Depth to Bedrock:		**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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1510718.pdf

Bore Hole Information

Bore Hole ID:	10032735	**Elevation:**	82.146499
DP2BR:	100	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	459450.8
Code OB Desc:	Bedrock	**North83:**	5031022
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	12/23/1970	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931015646
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	6
Formation End Depth:	100
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931015645
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: 6
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931015647
Layer: 3
Color: 6
General Color: BROWN
Mat1: 19
Most Common Material: SLATE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 100
Formation End Depth: 108
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961510718
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10581305
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930058037
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 108
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930058036
Layer: 1
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 102

Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991510718
Pump Set At:
Static Level: 33
Final Level After Pumping: 36
Recommended Pump Depth: 50
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934097309
Test Type: Draw Down
Test Duration: 15
Test Level: 36
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934897989
Test Type: Draw Down
Test Duration: 60
Test Level: 36
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934641203
Test Type: Draw Down
Test Duration: 45
Test Level: 36
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934380044
Test Type: Draw Down
Test Duration: 30
Test Level: 36
Test Level UOM: ft

Water Details

Water ID: 933465751
Layer: 1
Kind Code: 1
Kind: FRESH

Water Found Depth: 108
Water Found Depth UOM: ft

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4 **1 of 1** **ESE/1.2** **80.7 / -0.20** **ON** **BORE**

Borehole ID: 615095
OGF ID: 215516037
Status:
Type: Borehole
Use:
Completion Date: DEC-1970
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: 32.9
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 82.3
Elev Reliabil Note:
DEM Ground Elev m: 82.2
Concession:
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.431546
Longitude DD: -75.51839
UTM Zone: 18
Easting: 459451
Northing: 5031022
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218400404
Top Depth: 1.8
Bottom Depth: 30.5
Material Color: Blue
Material 1: Clay
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY. BLUE.

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

Geology Stratum ID: 218400403
Top Depth: 0
Bottom Depth: 1.8
Material Color: Yellow
Material 1: Sand
Material 2: Fill
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SAND. YELLOW.

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

Geology Stratum ID: 218400405
Top Depth: 30.5
Bottom Depth: 32.9
Material Color: Brown
Material 1: Slate
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SLATE. BROWN. 00108ORGANIC. CLAY. BROWN,GREY. SAND. UNSPECIFIED. 400030054019010 **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

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

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:		***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 07603 NTS_Sheet:		
Confiden 1:			

Source List

Source Identifier:	1	***Horizontal Datum:***	NAD27
Source Type:	Data Survey	***Vertical Datum:***	Mean Average Sea Level
Source Date:	1956-1972	***Projection Name:***	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

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5 ***1 of 1*** ***W/5.2*** ***79.9 / -1.00*** ***2973 Navan Rd Ottawa ON K1C7G4*** ***EHS***

Order No:	20161014116	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Standard Report	***Client Prov/State:***	ON
Report Date:	21-OCT-16	***Search Radius (km):***	.25
Date Received:	14-OCT-16	***X:***	-75.523257
Previous Site Name:		***Y:***	45.431974
Lot/Building Size:			
Additional Info Ordered:			

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6 ***1 of 1*** ***WSW/11.8*** ***79.9 / -1.00*** ***2968 NAVAW RD lot 6 con 3 GLOUCESTER ON*** ***WWIS***

Well ID:	7163106	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Domestic	***Date Received:***	5/13/2011
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	6006
Casing Material:		***Form Version:***	7
Audit No:	Z125162	***Owner:***	
Tag:	A110564	***Street Name:***	2968 NAVAW RD
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/716\7163106.pdf

Bore Hole Information

Bore Hole ID:	1003509275	***Elevation:***	84.38005
DP2BR:		***Elevrc:***	

Spatial Status:		***Zone:***	18
Code OB:		***East83:***	459137
Code OB Desc:		***North83:***	5031046
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	3
Date Completed:	4/14/2011	***UTMRC Desc:***	margin of error : 10 - 30 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1003821861
Layer:	6
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	34.55
Formation End Depth:	36.36
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1003821856
Layer:	1
Color:	5
General Color:	YELLOW
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	0
Formation End Depth:	1.52
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1003821858
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	5.15
Formation End Depth:	14.55

Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1003821859
Layer: 4
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 14.55
Formation End Depth: 28.18
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1003821860
Layer: 5
Color: 6
General Color: BROWN
Mat1: 11
Most Common Material: GRAVEL
Mat2: 05
Mat2 Desc: CLAY
Mat3: 17
Mat3 Desc: SHALE
Formation Top Depth: 28.18
Formation End Depth: 34.55
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1003821857
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 1.52
Formation End Depth: 5.15
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1003821889
Layer: 1
Plug From: 0
Plug To: 6.06
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID:	1003821887
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	1003821854
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003821865
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	.5
Depth To:	34.55
Casing Diameter:	15.55
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1003821866
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1003821855
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

Pump Test Detail ID:	1003821882
Test Type:	Draw Down

Test Duration: 30
Test Level: 11.71
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003821884
Test Type: Draw Down
Test Duration: 50
Test Level: 11.73
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003821877
Test Type: Draw Down
Test Duration: 10
Test Level: 11.62
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003821874
Test Type: Recovery
Test Duration: 4
Test Level: 10.96
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003821867
Test Type: Draw Down
Test Duration: 1
Test Level: 11.44
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003821885
Test Type: Draw Down
Test Duration: 60
Test Level: 11.73
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003821872
Test Type: Recovery
Test Duration: 3
Test Level: 10.98
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003821883
Test Type: Draw Down
Test Duration: 40
Test Level: 11.72
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003821879
Test Type: Draw Down
Test Duration: 15
Test Level: 11.64
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003821871
Test Type: Draw Down
Test Duration: 3
Test Level: 11.54
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003821881
Test Type: Draw Down
Test Duration: 25
Test Level: 11.67
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003821878
Test Type: Recovery
Test Duration: 10
Test Level: 10.8
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003821876
Test Type: Recovery
Test Duration: 5
Test Level: 10.94
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003821873
Test Type: Draw Down
Test Duration: 4
Test Level: 11.56
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003821875
Test Type: Draw Down
Test Duration: 5
Test Level: 11.57
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003821870

Test Type:	Recovery
Test Duration:	2
Test Level:	11
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1003821868
Test Type:	Recovery
Test Duration:	1
Test Level:	11.03
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1003821880
Test Type:	Draw Down
Test Duration:	20
Test Level:	11.66
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1003821869
Test Type:	Draw Down
Test Duration:	2
Test Level:	11.52
Test Level UOM:	m

Water Details

Water ID:	1003821864
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	34.55
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1003821862
Diameter:	15.55
Depth From:	0
Depth To:	34.55
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1003821863
Diameter:	15.55
Depth From:	34.55
Depth To:	36.36
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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7 ***1 of 1*** ***WSW/26.7*** ***79.9 / -1.00*** ***ON*** ***BORE***

Borehole ID:	615097	***Inclin FLG:***	No

OGF ID:	215516039	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	SEP-1970	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.431618
Total Depth m:	47.5	***Longitude DD:***	-75.522482
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	459131
Drill Method:		***Northing:***	5031032
Orig Ground Elev m:	82.3	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	84.7		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218400409	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	1.8	***Material Texture:***	
Material Color:	White	***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SAND. WHITE.		

Geology Stratum ID:	218400410	***Mat Consistency:***	
Top Depth:	1.8	***Material Moisture:***	
Bottom Depth:	32	***Material Texture:***	
Material Color:	Grey	***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAY. GREY.		

Geology Stratum ID:	218400411	***Mat Consistency:***	
Top Depth:	32	***Material Moisture:***	
Bottom Depth:	36	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Gravel	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	GRAVEL.		

Geology Stratum ID:	218400412	***Mat Consistency:***	
Top Depth:	36	***Material Moisture:***	
Bottom Depth:	47.5	***Material Texture:***	
Material Color:	Black	***Non Geo Mat Type:***	
Material 1:	Shale	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	SHALE. BLACK. 00150. CLAY. BROWN,GREY. SAND. UNSPECIFIED. 4000300540190100 020 **Note: Many		

records provided by the department have a truncated [Stratum Description] field.

Source

Source Type:	Data Survey	***Source Appl:***	Spatial/Tabular
Source Orig:	Geological Survey of Canada	***Source Iden:***	1
Source Date:	1956-1972	***Scale or Res:***	Varies
Confidence:		***Horizontal:***	NAD27
Observatio:		***Verticalda:***	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 07605 NTS_Sheet:		
Confiden 1:			

Source List

Source Identifier:	1	***Horizontal Datum:***	NAD27
Source Type:	Data Survey	***Vertical Datum:***	Mean Average Sea Level
Source Date:	1956-1972	***Projection Name:***	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

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8 ***1 of 1*** ***WSW/26.9*** ***79.9 / -1.00*** ***lot 6 con 3 ON*** ***WWIS***

Well ID:	1510906	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	11/4/1970
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3504
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1510906.pdf

Bore Hole Information

Bore Hole ID:	10032909	***Elevation:***	84.741081
DP2BR:	118	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	459130.8
Code OB Desc:	Bedrock	***North83:***	5031032
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	9/29/1970	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931016148
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 6
Formation End Depth: 105
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931016147
Layer: 1
Color: 7
General Color: RED
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931016149
Layer: 3
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 105
Formation End Depth: 118
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931016150
Layer: 4
Color: 8
General Color: BLACK

Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 118
Formation End Depth: 156
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961510906
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10581479
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930058363
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 118
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930058364
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 156
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991510906
Pump Set At:
Static Level: 47
Final Level After Pumping: 51
Recommended Pump Depth: 70
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 7
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2

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

Draw Down & Recovery

Pump Test Detail ID:	934097460
Test Type:	Recovery
Test Duration:	15
Test Level:	47
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934642189
Test Type:	Recovery
Test Duration:	45
Test Level:	47
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381168
Test Type:	Recovery
Test Duration:	30
Test Level:	47
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934899113
Test Type:	Recovery
Test Duration:	60
Test Level:	47
Test Level UOM:	ft

Water Details

Water ID:	933465954
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	150
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
9	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:	123268	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	2/2/1996	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE 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:	NOT ANTICIPATED	**Site Municipality:**	20601
Nature of Impact:		**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	GLOUCESTER WORKS DEPT
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	2/2/1996	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:	EQUIPMENT FAILURE	**Source Type:**	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	OC TRANSPORTATION BUS- 5 LITRE HYDRAULIC OIL TO ROAD. WORKS CLEANING.		
Contaminant Qty:			

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10 | ***1 of 1*** | ***W/43.6*** | ***80.2 / -0.69*** | ***CHAPEL HILL BRIAN COBURN ROAD BH17-02 lot 6 con 3 Ottawa ON*** | ***WWIS***

Well ID:	7338724	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	8/2/2019
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	7
Audit No:	Z256657	**Owner:**	
Tag:	A191634	**Street Name:**	CHAPEL HILL BRIAN COBURN ROAD BH17-02
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/733\7338724.pdf

Bore Hole Information

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

Annular Space/Abandonment Sealing Record

Plug ID:	1007977693
Layer:	1
Plug From:	10.05
Plug To:	0
Plug Depth UOM:	m

Pipe Information

Pipe ID:	1007975294
Casing No:	0
Comment:	
Alt Name:	

Results of Well Yield Testing

Pump Test ID:	1007980484
Pump Set At:	
Static Level:	
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	m
Rate UOM:	LPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	0
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	

11	***1 of 1***	***SE/44.4***	***79.9 / -1.00***	***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 Surface	***UTM 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:	218400374	***Mat Consistency:***	

Top Depth:	29	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:	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 Description: BEDROCK. 00062HERED. 000100140008910030RED. 000050040003005401901000 020 00065 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Geology Stratum ID:	218400372	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	17.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: CLAY.

Geology Stratum ID:	218400373	**Mat Consistency:**	
Top Depth:	17.7	**Material Moisture:**	
Bottom Depth:	29	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Gravel	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			

Stratum Description: GRAVEL. WATER STABLE AT 228.9 FEET.

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:	M	**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level

Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 075950 NTS_Sheet: 31G05H
Confiden 1: Reliable information but incomplete.

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		

Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada

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12 | **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 Water Use:	Domestic	**Date Received:**	11/30/1965
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**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:**	
Depth to Bedrock:		**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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501453.pdf

Bore Hole Information

Bore Hole ID:	10023496	**Elevation:**	82.905914
DP2BR:	96	**Elevrc:**	
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 Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 90
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930991865
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 90
Formation End Depth: 96
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501453
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572066
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039871
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 96
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930039872
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 103
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991501453
Pump Set At:	
Static Level:	35
Final Level After Pumping:	60
Recommended Pump Depth:	60
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	6
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:	933454160
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	103
Water Found Depth UOM:	ft

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13 ***1 of 1*** ***E/47.4*** ***80.9 / 0.00*** ***lot 5 con 3 ON*** ***WWIS***

Well ID:	1511514	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/22/1971
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***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:***	
Depth to Bedrock:		***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/151\1511514.pdf

Bore Hole Information

Bore Hole ID:	10033508	***Elevation:***	82.301673
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

Date Completed: 5/2/1971
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931017948
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 90
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931017949
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 90
Formation End Depth: 95
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961511514
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10582078
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930059512
Layer: 2

Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 95
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930059511
Layer: 1
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 92
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991511514
Pump Set At:
Static Level: 28
Final Level After Pumping: 40
Recommended Pump Depth: 50
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934383407
Test Type: Draw Down
Test Duration: 30
Test Level: 35
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934644428
Test Type: Draw Down
Test Duration: 45
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934901347
Test Type: Draw Down
Test Duration: 60
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934098170
Test Type:	Draw Down
Test Duration:	15
Test Level:	30
Test Level UOM:	ft

Water Details

Water ID:	933466686
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	95
Water Found Depth UOM:	ft

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14 | ***1 of 1*** | ***ESE/48.1*** | ***80.9 / 0.00*** | ***lot 5 con 3 ON*** | ***WWIS***

Well ID:	1510713	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	2/23/1971
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***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:***	
Depth to Bedrock:		***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/151\1510713.pdf

Bore Hole Information

Bore Hole ID:	10032730	***Elevation:***	80.928298
DP2BR:	90	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	459510.8
Code OB Desc:	Bedrock	***North83:***	5030992
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:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931015635
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	10
Formation End Depth:	90
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931015634
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:	10
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931015636
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	19
Most Common Material:	SLATE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	90
Formation End Depth:	99
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961510713
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10581300

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930058027
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 99
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930058026
Layer: 1
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 92
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991510713
Pump Set At:
Static Level: 22
Final Level After Pumping: 40
Recommended Pump Depth: 50
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934380039
Test Type: Draw Down
Test Duration: 30
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934641198
Test Type: Draw Down
Test Duration: 45
Test Level: 40
Test Level UOM: ft

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

---

15 ***1 of 1*** ***E/49.4*** ***80.9 / 0.00*** ***lot 5 con 3 ON*** ***WWIS***

Well ID:	1511515	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/22/1971
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***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:***	
Depth to Bedrock:		***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/151\1511515.pdf

Bore Hole Information

Bore Hole ID:	10033509	***Elevation:***	82.060234
DP2BR:	105	***Elevrc:***	
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

Remarks: ***Location Method:*** p4
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931017951
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 105
Formation End Depth: 109
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931017950
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 105
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961511515
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10582079
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930059514
Layer: 2
Material: 4

Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 109
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930059513
Layer: 1
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 107
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991511515
Pump Set At:
Static Level: 28
Final Level After Pumping: 40
Recommended Pump Depth: 50
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934644429
Test Type: Draw Down
Test Duration: 45
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934901348
Test Type: Draw Down
Test Duration: 60
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934098171
Test Type: Draw Down
Test Duration: 15
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934383408
Test Type:	Draw Down
Test Duration:	30
Test Level:	35
Test Level UOM:	ft

Water Details

Water ID:	933466687
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	109
Water Found Depth UOM:	ft

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16 ***1 of 1*** ***SSE/50.3*** ***79.9 / -1.00*** ***ON*** ***BORE***

Borehole ID:	615088	***Inclin FLG:***	No
OGF ID:	215516030	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:		***Municipality:***	
Static Water Level:	18.3	***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.430817
Total Depth m:	-999	***Longitude DD:***	-75.520302
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	459301
Drill Method:		***Northing:***	5030942
Orig Ground Elev m:	83.8	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	81.8		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218400376	***Mat Consistency:***	
Top Depth:	1.8	***Material Moisture:***	
Bottom Depth:	36.6	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Clay	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	
Gsc Material Description:			
Stratum Description:	CLAY.		

Geology Stratum ID:	218400375	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	1.8	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	
Material 1:	Sand	***Geologic Formation:***	
Material 2:		***Geologic Group:***	
Material 3:		***Geologic Period:***	
Material 4:		***Depositional Gen:***	

Gsc Material Description:
Stratum Description: SAND.

Geology Stratum ID: 218400377
Top Depth: 36.6
Bottom Depth:
Material Color: Red
Material 1: Bedrock
Material 2: Shale
Material 3:
Material 4:
Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:
Gsc Material Description:
Stratum Description: BEDROCK. WATER STABLE AT 215.0 FEET.00062HERED. 000100140008910030RED. 0000500400 **Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: M
Observatio:
Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 075960 NTS_Sheet: 31G05H
Confiden 1: Reliable information but incomplete.

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)
Source Originators: Geological Survey of Canada
Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

17	1 of 1	ESE/51.8	79.9 / -1.00	lot 5 con 3 ON	WWIS

Well ID: 1501415
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Data Entry Status:
Data Src: 1
Date Received: 9/5/1962
Selected Flag: Yes
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 005
Concession: 03
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501415.pdf

Bore Hole Information

Bore Hole ID:	10023458	**Elevation:**	80.617538
DP2BR:	92	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	459530.8
Code OB Desc:	Bedrock	**North83:**	5030942
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	8/16/1962	**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 Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930991776
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	5
Formation End Depth:	92
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930991777
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	92
Formation End Depth:	110
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930991775
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	

Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 5
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501415
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572028
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039801
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 110
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930039800
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 98
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501415
Pump Set At:
Static Level: 21
Final Level After Pumping: 60
Recommended Pump Depth: 60
Pumping Rate: 12
Flowing Rate:
Recommended Pump Rate: 12
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 3
Pumping Duration MIN: 0
Flowing: No

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

Water Details

Water ID:	933454122
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	110
Water Found Depth UOM:	ft

---

18 | ***1 of 1*** | ***NE/53.7*** | ***80.9 / 0.00*** | ***lot 6 con 3 ON*** | ***WWIS***

Well ID:	1501455	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/18/1967
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***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:***	
Depth to Bedrock:		***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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501455.pdf

Bore Hole Information

Bore Hole ID:	10023498	***Elevation:***	85.157051
DP2BR:	98	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	459370.8
Code OB Desc:	Bedrock	***North83:***	5031222
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	7/26/1967	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930991870
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05

Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 6
Formation End Depth: 98
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930991869
Layer: 1
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930991871
Layer: 3
Color: 6
General Color: BROWN
Mat1: 19
Most Common Material: SLATE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 98
Formation End Depth: 109
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501455
Method Construction Code: 7
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

Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	100
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930039875
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	109
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501455
Pump Set At:	
Static Level:	30
Final Level After Pumping:	40
Recommended Pump Depth:	60
Pumping Rate:	8
Flowing Rate:	
Recommended Pump Rate:	6
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:	933454162
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	109
Water Found Depth UOM:	ft

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19 | ***1 of 1*** | ***N/54.9*** | ***79.9 / -1.00*** | ***2680 Page Road Ottawa (Cumberland) ON K1W 1G1*** | ***EHS***

Order No:	20100322032	**Nearest Intersection:**	Page Rd and Montpelier Pl
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	3/31/2010	**Search Radius (km):**	0.25
Date Received:	3/22/2010	**X:**	-75.520594
Previous Site Name:		**Y:**	45.434449
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
20	1 of 1	WNW/56.2	79.9 / -1.00	Navan Road Ottawa ON	EHS

Order No:	20150903046	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	10-SEP-15	**Search Radius (km):**	.25
Date Received:	03-SEP-15	**X:**	-75.522476
Previous Site Name:		**Y:**	45.433367
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	1 of 1	W/57.8	80.9 / 0.03	ON	WWIS

Well ID:	7292790	**Data Entry Status:**	Yes
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	8/17/2017
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:		**Abandonment Rec:**	
Water Type:		**Contractor:**	7543
Casing Material:		**Form Version:**	8
Audit No:	C36219	**Owner:**	
Tag:	A191634	**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1006712676	**Elevation:**	82.529029
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	459046
Code OB Desc:		**North83:**	5031142
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	5
Date Completed:		**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	1 of 1	E/58.6	80.9 / 0.00	lot 5 con 3 ON	WWIS

Well ID:	1510712	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	2/23/1971
Sec. Water Use:	0	**Selected Flag:**	Yes

Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**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:**	
Depth to Bedrock:		**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/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:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

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

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 95
Formation End Depth: 100
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931015632
Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 4
Formation End Depth: 95
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961510712
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10581299
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930058024
Layer: 1
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 97
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930058025
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 100
Casing Diameter:
Casing Diameter UOM: inch

Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991510712
Pump Set At:
Static Level: 22
Final Level After Pumping: 40
Recommended Pump Depth: 50
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 50
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934641197
Test Type: Draw Down
Test Duration: 45
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934380038
Test Type: Draw Down
Test Duration: 30
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934897983
Test Type: Draw Down
Test Duration: 60
Test Level: 40
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934097303
Test Type: Draw Down
Test Duration: 15
Test Level: 40
Test Level UOM: ft

Water Details

Water ID: 933465745
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 100
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
23	1 of 1	E/58.8	80.9 / 0.00	ON	BORE

Borehole ID:	615102	**Inclin FLG:**	No
OGF ID:	215516044	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	MAY-1970	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.432087
Total Depth m:	30.5	**Longitude DD:**	-75.51814
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	459471
Drill Method:		**Northing:**	5031082
Orig Ground Elev m:	82.9	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	82.8		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218400427	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.2	**Material Texture:**	
Material Color:	Yellow	**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:	Fill	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND. YELLOW.		

Geology Stratum ID:	218400429	**Mat Consistency:**	
Top Depth:	29	**Material Moisture:**	
Bottom Depth:	30.5	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SHALE. BROWN. 00100FT. 00025076CIFIED. Y. SAND. UNSPECIFIED. 400030054019010 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218400428	**Mat Consistency:**	
Top Depth:	1.2	**Material Moisture:**	
Bottom Depth:	29	**Material Texture:**	
Material Color:	Blue	**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY. BLUE.		

Source

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

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 07610 NTS_Sheet:		
Confiden 1:			

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

24	1 of 1	WSW/60.2	79.9 / -1.00	2968 + 2973 NAVAN RD lot 6 con 3 NAVAN ON	WWIS

Well ID:	7279124	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Not Used	**Date Received:**	1/17/2017
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	7260
Casing Material:		**Form Version:**	7
Audit No:	Z250023	**Owner:**	
Tag:		**Street Name:**	2968 + 2973 NAVAN RD
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**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:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1006335548	**Elevation:**	83.957611
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	459035
Code OB Desc:		**North83:**	5031027
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	12/9/2016	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

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

Method of Construction & Well Use

Method Construction ID: 1006516843
Method Construction Code:
Method Construction:
Other Method Construction:

Pipe Information

Pipe ID: 1006516836
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1006516840
Layer:
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1006516841
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID: 1006516839
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006516838
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

25	*1 of 1*	*W/61.6*	*80.6 / -0.24*	***City of Ottawa*** ***2955 Navan Rd*** ***Ottawa ON K2G 6J8***	***ECA***

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

Approval No:	6041-B59RHU	**MOE District:**	
Approval Date:	2018-10-11	**City:**	
Status:	Approved	**Longitude:**	
Record Type:	ECA	**Latitude:**	
Link Source:	IDS	**Geometry X:**	
SWP Area Name:		**Geometry Y:**	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	2955 Navan Rd		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/6301-B4JK4D-14.pdf		

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26 | **1 of 1** | **W/61.6** | **80.6 / -0.24** | **2955 Navan Rd, Ottawa ON K1C7G4** | **EHS**

Order No:	20160526164	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	02-JUN-16	**Search Radius (km):**	.25
Date Received:	26-MAY-16	**X:**	-75.524024
Previous Site Name:		**Y:**	45.432295
Lot/Building Size:			
Additional Info Ordered:			

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27 | **1 of 1** | **E/63.6** | **80.9 / 0.00** | **2777 PAGE ROAD, Orleans ON K1W 1G1** | **HINC**

External File Num:	FS INC 0610-02903
Fuel Occurrence Type:	Pipeline Strike
Date of Occurrence:	9/25/2006
Fuel Type Involved:	Natural Gas
Status Desc:	Completed - Causal Analysis(End)
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	Construction Site (pipeline strike)
Service Interruptions:	Yes
Property Damage:	Yes
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation
Root Cause:	Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training: Yes Management:No Human Factors:Yes
Reported Details:	
Fuel Category:	Gaseous Fuel
Occurrence Type:	Incident
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:	Ottawa
Approx. Quant. Rel:	
Nearby body of water:	
Enter Drainage Syst.:	
Approx. Quant. Unit:	
Environmental Impact:	

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28 | **1 of 1** | **WSW/63.9** | **79.9 / -1.00** | **2968 Navan Rd, Ottawa ON K1C7G4** | **EHS**

Order No:	20160505010	**Nearest Intersection:**	
Status:	C	**Municipality:**	OTTAWA
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	11-MAY-16	**Search Radius (km):**	.25
Date Received:	05-MAY-16	**X:**	-75.523799
Previous Site Name:		**Y:**	45.431567
Lot/Building Size:			

Additional Info Ordered: Title Searches; Topographic Maps; City Directory

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29 | **1 of 1** | **SW/74.6** | **79.9 / -1.00** | **lot 6 con 3 ON** | **WWIS**

Well ID:	1501531	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	2/2/1967
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1802
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501531.pdf

Bore Hole Information

Bore Hole ID:	10023574	**Elevation:**	83.557785
DP2BR:	110	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	459200.8
Code OB Desc:	Bedrock	**North83:**	5030962
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	11/2/1966	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930992088
Layer:	3
Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	105
Formation End Depth:	110
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930992089
Layer:	4
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	110
Formation End Depth:	120
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930992086
Layer:	1
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930992087
Layer:	2
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	6
Formation End Depth:	105
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501531
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10572144
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930040008
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	114
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930040009
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	120
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501531
Pump Set At:	
Static Level:	38
Final Level After Pumping:	80
Recommended Pump Depth:	110
Pumping Rate:	17
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:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454241
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	115
Water Found Depth UOM:	ft

30	*1 of 1*	*N/78.9*	*79.9 / -1.00*	*lot 6 con 3 ON*	*WWIS*

Well ID:	1510716	**Data Entry Status:**	
Construction Date:		**Data Src:**	1

Primary Water Use:	Domestic	**Date Received:**	2/23/1971
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**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:**	
Depth to Bedrock:		**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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1510716.pdf

Bore Hole Information

Bore Hole ID:	10032733	**Elevation:**	83.49958
DP2BR:	90	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	459310.8
Code OB Desc:	Bedrock	**North83:**	5031362
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	2/19/1970	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931015642
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	19
Most Common Material:	SLATE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	90
Formation End Depth:	97
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931015641
Layer:	1
Color:	3
General Color:	BLUE

Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 90
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961510716
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10581303
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930058033
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 97
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930058032
Layer: 1
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 92
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991510716
Pump Set At:
Static Level: 12
Final Level After Pumping: 45
Recommended Pump Depth: 50
Pumping Rate: 6
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1

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

Draw Down & Recovery

Pump Test Detail ID:	934097307
Test Type:	Draw Down
Test Duration:	15
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934641201
Test Type:	Draw Down
Test Duration:	45
Test Level:	45
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934897987
Test Type:	Draw Down
Test Duration:	60
Test Level:	45
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934380042
Test Type:	Draw Down
Test Duration:	30
Test Level:	45
Test Level UOM:	ft

Water Details

Water ID:	933465749
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	97
Water Found Depth UOM:	ft

31 ***1 of 1*** ***N/79.1*** ***79.9 / -1.00*** ***ON*** ***BORE***

Borehole ID:	615127	***Inclin FLG:***	No
OGF ID:	215516069	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	FEB-1970	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.434598
Total Depth m:	29.6	***Longitude DD:***	-75.520208
Depth Ref:	Ground Surface	***UTM Zone:***	18

Depth Elev:		**Easting:**	459311
Drill Method:		**Northing:**	5031362
Orig Ground Elev m:	82.3	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	83.5		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum 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 Description:			
Stratum Description:	SLATE. BROWN. 00097FIRM. SAND-FINE. FIRM. DENSE. BEDROCK. BEDROCK. 00010 025 000 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218400538	**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 Description:			
Stratum Description:	CLAY. BLUE.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 07635 NTS_Sheet:		
Confiden 1:			

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
32	1 of 1	E/80.4	80.9 / 0.00	lot 5 con 3 ON	WWIS

Well ID:	1501412	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	2/20/1962
Sec. Water Use:	0	**Selected Flag:**	Yes

Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**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:**	
Depth to Bedrock:		**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\1501412.pdf

Bore Hole Information

Bore Hole ID:	10023455	**Elevation:**	83.57019
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 Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930991770
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	100
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

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

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 100
Formation End Depth: 114
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501412
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572025
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039794
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 105
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930039795
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 114
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501412
Pump Set At:
Static Level: 30
Final Level After Pumping: 45
Recommended Pump Depth: 45
Pumping Rate: 12
Flowing Rate:
Recommended Pump Rate: 12
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: 933454119
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 114
Water Found Depth UOM: ft

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33 | **1 of 1** | **NNE/84.1** | **79.8 / -1.06** | **2679 Page Road Orleans ON K1W 1G2** | **EHS**

Order No: 20070716042
Status: C
Report Type: CAN - Complete Report
Report Date: 7/25/2007
Date Received: 7/16/2007
Previous Site Name:
Lot/Building Size: 0.16 ha
Additional Info Ordered:

Nearest Intersection: North of Navan Road
Municipality: Ottawa
Client Prov/State:
Search Radius (km): 0.25
X: -75.519231
Y: 45.43415

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34 | **1 of 1** | **SW/84.2** | **79.9 / -1.00** | **lot 6 con 2 ON** | **WWIS**

Well ID: 1511923
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/4/1972
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 006
Concession: 02
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1511923.pdf

Bore Hole Information

Bore Hole ID: 10033917
DP2BR: 96
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 5/8/1972
Remarks:

Elevation: 83.408554
Elevrc:
Zone: 18
East83: 459200.8
North83: 5030952
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

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

Overburden and Bedrock Materials Interval

Formation ID: 931019097
Layer: 4
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 96
Formation End Depth: 120
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931019096
Layer: 3
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Mat2 Desc: STONES
Mat3:
Mat3 Desc:
Formation Top Depth: 87
Formation End Depth: 96
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931019094
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 01
Mat2 Desc: FILL
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 2
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931019095

Layer: 2
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2
Formation End Depth: 87
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961511923
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10582487
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930060223
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 100
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930060224
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 120
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991511923
Pump Set At:
Static Level: 33
Final Level After Pumping: 40
Recommended Pump Depth: 60
Pumping Rate: 20
Flowing Rate:
Recommended Pump Rate: 5

Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934893670
Test Type:	Draw Down
Test Duration:	60
Test Level:	40
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934384496
Test Type:	Draw Down
Test Duration:	30
Test Level:	40
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934098560
Test Type:	Draw Down
Test Duration:	15
Test Level:	40
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934645651
Test Type:	Draw Down
Test Duration:	45
Test Level:	40
Test Level UOM:	ft

Water Details

Water ID:	933467222
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	118
Water Found Depth UOM:	ft

35	1 of 1	ENE/89.4	80.9 / 0.00	lot 5 con 3 ON	WWIS

Well ID:	1511711	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	4/7/1972
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**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:**	
Depth to Bedrock:		**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/151\1511711.pdf

Bore Hole Information

Bore Hole ID:	10033705	**Elevation:**	84.411491
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	o	**East83:**	459430.8
Code OB Desc:	Overburden	**North83:**	5031182
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/5/1971	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931018520
Layer:	2
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	85
Formation End Depth:	93
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931018519
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Formation Top Depth: 0
Formation End Depth: 85
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961511711
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10582275
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930059876
Layer: 1
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 93
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991511711
Pump Set At:
Static Level: 35
Final Level After Pumping: 45
Recommended Pump Depth: 55
Pumping Rate: 8
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934645038
Test Type: Draw Down
Test Duration: 45
Test Level: 45
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934382904

Test Type:	Draw Down
Test Duration:	30
Test Level:	45
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934098362
Test Type:	Draw Down
Test Duration:	15
Test Level:	45
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934901956
Test Type:	Draw Down
Test Duration:	60
Test Level:	45
Test Level UOM:	ft

Water Details

Water ID:	933466945
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	93
Water Found Depth UOM:	ft

---

36 | ***1 of 1*** | ***NE/93.9*** | ***80.9 / 0.00*** | ***lot 5 con 3 ON*** | ***WWIS***

Well ID:	1511692	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	4/7/1972
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**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:**	
Depth to Bedrock:		**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/151\1511692.pdf

Bore Hole Information

Bore Hole ID:	10033686	**Elevation:**	84.981292
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	o	**East83:**	459410.8

Code OB Desc:	Overburden	**North83:**	5031232
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/25/1971	**UTMRC Desc:**	margin of error : 30 m - 100 m
Remarks:		**Location Method:**	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931018477
Layer:	2
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	90
Formation End Depth:	101
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931018476
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	90
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961511692
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10582256
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID: 930059846
Layer: 1
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 101
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991511692
Pump Set At:
Static Level: 13
Final Level After Pumping: 35
Recommended Pump Depth: 50
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934645019
Test Type: Draw Down
Test Duration: 45
Test Level: 35
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934382885
Test Type: Draw Down
Test Duration: 30
Test Level: 35
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934901937
Test Type: Draw Down
Test Duration: 60
Test Level: 35
Test Level UOM: ft

Draw Down & Recovery

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 Details

Water ID:	933466926
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	101
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
37	1 of 1	NE/94.0	80.9 / 0.00	lot 5 con 3 ON	WWIS

Well ID:	1501419	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/18/1967
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***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:***	
Depth to Bedrock:		***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\1501419.pdf

Bore Hole Information

Bore Hole ID:	10023462	***Elevation:***	85.126205
DP2BR:	90	***Elevrc:***	
Spatial Status:		***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:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

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

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 6
Formation End Depth: 90
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930991786
Layer: 3
Color: 6
General Color: BROWN
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 90
Formation End Depth: 95
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930991784
Layer: 1
Color:
General Color:
Mat1: 09
Most Common Material: MEDIUM SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501419
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572032
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039806
Layer: 2
Material: 4

Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	95
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930039805
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	92
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991501419
Pump Set At:	
Static Level:	30
Final Level After Pumping:	50
Recommended Pump Depth:	60
Pumping Rate:	8
Flowing Rate:	
Recommended Pump Rate:	6
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:	933454126
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	95
Water Found Depth UOM:	ft

38 ***1 of 1*** ***NE/94.0*** ***80.9 / 0.00*** ***ON*** ***BORE***

Borehole ID:	615118	***Inclin FLG:***	No
OGF ID:	215516060	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	APR-1967	***Municipality:***	
Static Water Level:		***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.433793
Total Depth m:	29	***Longitude DD:***	-75.519178
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	459391

Drill Method:		**Northing:**	5031272
Orig Ground Elev m:	83.8	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	85.1		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218400501	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	1.8	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Sand	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SAND.		

Geology Stratum ID:	218400503	**Mat Consistency:**	Dense
Top Depth:	27.4	**Material Moisture:**	
Bottom Depth:	29	**Material Texture:**	
Material Color:	Brown	**Non Geo Mat Type:**	
Material 1:	Shale	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SHALE. BROWN. 00095ED.CLAY. GREY,FIRM,STIFF. SILT. GREY,STIFF. SILT. DENSE TO VERY DENSE.		

Geology Stratum ID:	218400502	**Mat Consistency:**	
Top Depth:	1.8	**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 Description:			
Stratum Description:	CLAY. BLUE.		

Source

Source Type:	Data Survey	**Source Appl:**	Spatial/Tabular
Source Orig:	Geological Survey of Canada	**Source Iden:**	1
Source Date:	1956-1972	**Scale or Res:**	Varies
Confidence:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA2.txt RecordID: 07626 NTS_Sheet:		
Confiden 1:			

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
39	1 of 1	ENE/94.5	80.9 / 0.00	2723 PAGE ROAD lot 5 con 3 ORLEANS ON	WWIS

Well ID:	1536849	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	12/1/2006
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	1119
Casing Material:		**Form Version:**	3
Audit No:	Z48688	**Owner:**	
Tag:		**Street Name:**	2723 PAGE ROAD
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	005
Well Depth:		**Concession:**	03
Overburden/Bedrock:		**Concession Name:**	
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1536849.pdf

Bore Hole Information

Bore Hole ID:	11691943	**Elevation:**	84.715209
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	u	**East83:**	459425
Code OB Desc:	all layers are unknown type	**North83:**	5031205
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	10/6/2006	**UTMRC Desc:**	margin of error : 10 - 30 m
Remarks:		**Location Method:**	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID:	933286649
Layer:	4
Plug From:	1.22
Plug To:	0
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933286647
Layer:	2
Plug From:	2.74
Plug To:	1.52
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933286648
Layer:	3
Plug From:	1.52
Plug To:	1.22
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	933286646
Layer:	1
Plug From:	3.66
Plug To:	2.74
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	961536849
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	11696809
Casing No:	1
Comment:	
Alt Name:	

40	***1 of 1***	***NE/96.2***	***80.9 / 0.00***	***lot 5 con 3 ON***	***WWIS***

Well ID:	1501411	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/15/1960
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1107
Casing Material:		***Form Version:***	1

Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	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:	10023454	**Elevation:**	85.099731
DP2BR:	101	**Elevrc:**	
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 Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 8
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930991769
Layer: 3
Color: 8
General Color: BLACK
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 101
Formation End Depth: 115
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501411
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10572024
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039793
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 115
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930039792
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 101
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991501411
Pump Set At:	
Static Level:	30
Final Level After Pumping:	33
Recommended Pump Depth:	30
Pumping Rate:	8
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:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933454118
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	115
Water Found Depth UOM:	ft

41 ***1 of 1*** ***ESE/101.7*** ***80.9 / 0.00*** ***ON*** ***BORE***

Borehole ID:	615091	***Inclin FLG:***	No
OGF ID:	215516033	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:		***Municipality:***	
Static Water Level:	8.0	***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.431193
Total Depth m:	-999	***Longitude DD:***	-75.516853
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	459571
Drill Method:		***Northing:***	5030982
Orig Ground Elev m:	80.8	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	81.6		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218400384	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
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:			

Stratum Description: SAND.

Geology Stratum ID: 218400385
Top Depth: 2.4
Bottom Depth: 30.8
Material Color:
Material 1: Clay
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY.

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

Geology Stratum ID: 218400386
Top Depth: 30.8
Bottom Depth:
Material Color: Grey
Material 1: Bedrock
Material 2: Shale
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK. WATER STABLE AT 238.9 FEET.D. CLAY. GREY,FIRM. 00010 040 00100 067 00400 **Note: Many records provided by the department have a truncated [Stratum Description] field.

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

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: M
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA2.txt RecordID: 075990 NTS_Sheet: 31G05H
Confiden 1: Reliable information but incomplete.

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

Source List

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

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

42	1 of 1	ESE/103.3	80.6 / -0.32	3097 and 3107 Navan Road Ottawa ON K1W1E9	EHS

Order No: 20140717001
Status: C
Report Type: Custom Report
Report Date: 23-JUL-14
Date Received: 17-JUL-14
Previous Site Name:
Lot/Building Size: 0.9 acres
Additional Info Ordered:

Nearest Intersection:
Municipality: Gloucester
Client Prov/State: ON
Search Radius (km): .25
X: -75.516696
Y: 45.430775

43	1 of 1	NNE/105.9	80.9 / 0.00	2683 Page Rd Ottawa ON K1W1G2	EHS

Order No: 20161005066
Status: C

Nearest Intersection:
Municipality: Ottawa

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

Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	13-OCT-16	**Search Radius (km):**	.25
Date Received:	05-OCT-16	**X:**	-75.519482
Previous Site Name:		**Y:**	45.434444
Lot/Building Size:	1,740 m2		

Additional Info Ordered: Fire Insur. Maps and/or Site Plans; Title Searches; City Directory; Aerial Photos

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44 **1 of 1** **SE/108.9** **79.9 / -1.00** **lot 6 con 3 ON** **WWIS**

Well ID:	1501427	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/5/1962
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**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:**	
Depth to Bedrock:		**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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501427.pdf

Bore Hole Information

Bore Hole ID:	10023470	**Elevation:**	80.364089
DP2BR:	90	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	459535.8
Code OB Desc:	Bedrock	**North83:**	5030842
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	8/18/1962	**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 Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

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

Mat3:
Mat3 Desc:
Formation Top Depth: 90
Formation End Depth: 97
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930991802
Layer: 1
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 90
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501427
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572040
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930039822
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 97
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930039821
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 95
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991501427
Pump Set At:	
Static Level:	15
Final Level After Pumping:	40
Recommended Pump Depth:	40
Pumping Rate:	8
Flowing Rate:	
Recommended Pump Rate:	8
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:	933454134
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	97
Water Found Depth UOM:	ft

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45 ***1 of 1*** ***ESE/108.9*** ***79.9 / -1.00*** ***3096 Navan Rd Ottawa ON K1W1E9*** ***EHS***

Order No:	20180315001	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Standard Select Report	***Client Prov/State:***	ON
Report Date:	21-MAR-18	***Search Radius (km):***	.25
Date Received:	15-MAR-18	***X:***	-75.516883
Previous Site Name:		***Y:***	45.430195
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Title Searches; Topographic Maps; City Directory; Aerial Photos		

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46 ***1 of 1*** ***SE/113.7*** ***79.9 / -1.00*** ***lot 6 con 3 ON*** ***WWIS***

Well ID:	1510706	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/30/1970
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***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:***	
Depth to Bedrock:		***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:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1510706.pdf

Bore Hole Information

Bore Hole ID:	10032726	***Elevation:***	79.261154
DP2BR:	100	***Elevrc:***	
Spatial Status:		***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:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

Formation ID:	931015624
Layer:	1
Color:	5

General Color:	YELLOW
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	3
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961510706
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10581296
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930058020
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	103
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991510706
Pump Set At:	
Static Level:	18
Final Level After Pumping:	40
Recommended Pump Depth:	50
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	6
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:	933465742
Layer:	1
Kind Code:	1

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

Kind: FRESH
Water Found Depth: 103
Water Found Depth UOM: ft

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47 | **1 of 1** | **W/116.3** | **80.7 / -0.18** | **Navan Rd, Ottawa ON** | **EHS**

Order No: 20160224002
Status: C
Report Type: Custom Report
Report Date: 01-MAR-16
Date Received: 24-FEB-16
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.524205
Y: 45.432901

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48 | **1 of 21** | **SSW/120.0** | **79.9 / -1.00** | **LAURENT LEBLANC LIMITED, 3000 NAVAN ROAD, GLOUCESTER ON K1C 7G4** | **GEN**

Generator No: ON1875101
Status:
Approval Years: 94,95,96,97,98,99,00,01,02,03,04,05,06,07,08
Contam. Facility:
MHSW Facility:
SIC Code: 4214
SIC Description: EXCAVAT. & GRADING
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

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48 | **2 of 21** | **SSW/120.0** | **79.9 / -1.00** | **3000 Navan Road, Ottawa ON K1C 7G4** | **EHS**

Order No: 20090521002
Status: C
Report Type: Custom Report
Report Date: 5/27/2009
Date Received: 5/21/2009
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Sire Plans
Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): 0.25
X: -75.521004
Y: 45.430149

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48 | **3 of 21** | **SSW/120.0** | **79.9 / -1.00** | **Laurent Leblanc ltd, 3000 Navan road, Orlean ON K1C 7G4** | **GEN**

Generator No: ON4141965
Status:
PO Box No:
Country:

Approval Years: 07,08
Contam. Facility:
MHSW Facility:
SIC Code: 238110
SIC Description: Poured Concrete Foundation and Structure Contractors
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

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48 | ***4 of 21*** | ***SSW/120.0*** | ***79.9 / -1.00*** | ***Andre Leblanc Cartage Ltd.***
3000 Navan Road
Gloucester ON K1C 7G4 | ***CA***

Certificate #: 5555-4GHMJJ
Application Year: 2000
Issue Date: 11/3/2000
Approval Type: Waste Management Systems
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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48 | ***5 of 21*** | ***SSW/120.0*** | ***79.9 / -1.00*** | ***Andre Joseph Jean Leblanc***
3000 Navan Road
Gloucester ON K1C 7G4 | ***CA***

Certificate #: 5555-4GHMJJ
Application Year: 2000
Issue Date: 2/15/2000
Approval Type: Waste Management Systems
Status: Amended
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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48 | ***6 of 21*** | ***SSW/120.0*** | ***79.9 / -1.00*** | ***Laurent Leblanc Limited***
3000 Navan Road
Gloucester ON K1C 7G4 | ***CA***

Certificate #: 8685-4V7V2D
Application Year: 2001
Issue Date: 4/9/2001
Approval Type: Waste Management Systems
Status: Approved
Application Type:
Client Name:

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

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

---

48 *7 of 21* *SSW/120.0* *79.9 / -1.00* ***Laurent Leblanc Ltd.***
3000 Navan Rd
Orléans ON K1C 7G4 ***SCT***

Established: 01-SEP-59
Plant Size (ft²):
Employment:

--Details--
Description: General-Line Building Supplies Wholesaler-Distributors
SIC/NAICS Code: 416310

Description: Construction, Transportation, Mining, and Forestry Machinery and Equipment Rental and Leasing
SIC/NAICS Code: 532410

Description: Site Preparation Contractors
SIC/NAICS Code: 238910

Description: Site Preparation Contractors
SIC/NAICS Code: 238910

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48 *8 of 21* *SSW/120.0* *79.9 / -1.00* ***Laurent Leblanc ltd***
3000 Navan road
Orlean ON K1C 7G4 ***GEN***

Generator No: ON4141965 ***PO Box No:***
Status: ***Country:***
Approval Years: 2009 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 238110
SIC Description: Poured Concrete Foundation and Structure Contractors

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

---

48 *9 of 21* *SSW/120.0* *79.9 / -1.00* ***Laurent Leblanc ltd***
3000 Navan road
Orlean ON K1C 7G4 ***GEN***

Generator No: ON4141965 ***PO Box No:***
Status: ***Country:***
Approval Years: 2010 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 238110
SIC Description: Poured Concrete Foundation and Structure Contractors

Detail(s)

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

---

48 ***10 of 21*** ***SSW/120.0*** ***79.9 / -1.00*** ***Laurent Leblanc ltd***
3000 Navan road
Orlean ON K1C 7G4 ***GEN***

Generator No: ON4141965 ***PO Box No:***
Status: ***Country:***
Approval Years: 2011 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 238110
SIC Description: Poured Concrete Foundation and Structure Contractors

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

---

48 ***11 of 21*** ***SSW/120.0*** ***79.9 / -1.00*** ***Laurent Leblanc ltd***
3000 Navan road
Orleans ON ***GEN***

Generator No: ON4141965 ***PO Box No:***
Status: ***Country:***
Approval Years: 2012 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 238110
SIC Description: Poured Concrete Foundation and Structure Contractors

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

---

48 ***12 of 21*** ***SSW/120.0*** ***79.9 / -1.00*** ***Laurent Leblanc ltd***
3000 Navan road
Orleans ON ***GEN***

Generator No: ON4141965 ***PO Box No:***
Status: ***Country:***
Approval Years: 2013 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code: 238110
SIC Description: POURED CONCRETE FOUNDATION AND STRUCTURE CONTRACTORS

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

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

---

48 ***13 of 21*** ***SSW/120.0*** ***79.9 / -1.00*** ***Andre Joseph Jean Leblanc*** ***ECA***
3000 Navan Road
Gloucester ON K1C 7G4

Approval No: 5555-4GHMJJ
Approval Date: 2000-02-15
Status: Amended
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-WASTE MANAGEMENT SYSTEMS
Project Type: WASTE MANAGEMENT SYSTEMS
Address: 3000 Navan Road
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0152-4GAMXP-14.pdf
MOE District: Ottawa
City:
Longitude: -75.52158
Latitude: 45.43063
Geometry X:
Geometry Y:

---

48 ***14 of 21*** ***SSW/120.0*** ***79.9 / -1.00*** ***Laurent Leblanc Limited*** ***ECA***
3000 Navan Road
Gloucester ON K1C 7G4

Approval No: 8685-4V7V2D
Approval Date: 2001-04-09
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-WASTE MANAGEMENT SYSTEMS
Project Type: WASTE MANAGEMENT SYSTEMS
Address: 3000 Navan Road
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7512-4U8QFA-14.pdf
MOE District: Ottawa
City:
Longitude: -75.52158
Latitude: 45.43063
Geometry X:
Geometry Y:

---

48 ***15 of 21*** ***SSW/120.0*** ***79.9 / -1.00*** ***Andre Leblanc Cartage Ltd.*** ***ECA***
3000 Navan Road
Gloucester ON K1C 7G4

Approval No: 5555-4GHMJJ
Approval Date: 2000-11-03
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
Approval Type: ECA-WASTE MANAGEMENT SYSTEMS
Project Type: WASTE MANAGEMENT SYSTEMS
Address: 3000 Navan Road
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5844-4QFQGE-14.pdf
MOE District: Ottawa
City:
Longitude: -75.52158
Latitude: 45.43063
Geometry X:
Geometry Y:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
48	16 of 21	SSW/120.0	79.9 / -1.00	Laurent Leblanc ltd 3000 Navan road Orleans ON K1C 7G4	GEN

Generator No: ON4141965
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 238110
SIC Description: POURED CONCRETE FOUNDATION AND STRUCTURE CONTRACTORS

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
48	17 of 21	SSW/120.0	79.9 / -1.00	Laurent Leblanc ltd 3000 Navan road Orleans ON K1C 7G4	GEN

Generator No: ON4141965
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 238110
SIC Description: POURED CONCRETE FOUNDATION AND STRUCTURE CONTRACTORS

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
48	18 of 21	SSW/120.0	79.9 / -1.00	Laurent Leblanc ltd 3000 Navan road Orleans ON K1C 7G4	GEN

Generator No: ON4141965
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 238110
SIC Description: POURED CONCRETE FOUNDATION AND STRUCTURE CONTRACTORS

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

---

48 **19 of 21** **SSW/120.0** **79.9 / -1.00** **Laurent Leblanc ltd** **GEN**
3000 Navan road
Orleans ON K1C 7G4

Generator No: ON4141965
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 213 I
Waste Class Desc: Petroleum distillates

Waste Class: 213 T
Waste Class Desc: Petroleum distillates

Waste Class: 221 I
Waste Class Desc: Light fuels

Waste Class: 222 L
Waste Class Desc: Heavy fuels

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

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48 **20 of 21** **SSW/120.0** **79.9 / -1.00** **2561678 ONTARIO INC.** **EASR**
3000 NAVAN RD
ORLEANS ON K1C 7G4

Approval No: R-004-5110517687
Status: REGISTERED
Date: 2018-07-04
Record Type: EASR
Link Source: MOFA
Project Type: Waste Management System
Full Address:
Approval Type: EASR-Waste Management System
Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2073460

SWP Area Name: Rideau Valley
MOE District: Ottawa
Municipality: ORLEANS
Latitude: 45.43055556
Longitude: -75.52166667
Geometry X:
Geometry Y:

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48 **21 of 21** **SSW/120.0** **79.9 / -1.00** **Laurent Leblanc ltd** **GEN**
3000 Navan road
Orleans ON K1C 7G4

Generator No: ON4141965
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 252 L
Waste Class Desc: Waste crankcase oils and lubricants

Waste Class: 213 T
Waste Class Desc: Petroleum distillates

Waste Class: 213 I
Waste Class Desc: Petroleum distillates

Waste Class: 221 I
Waste Class Desc: Light fuels

Waste Class: 222 L
Waste Class Desc: Heavy fuels

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49 | ***1 of 1*** | ***SE/138.1*** | ***79.9 / -1.00*** | ***lot 6 con 3 ON*** | ***WWIS***

Well ID:	1501420	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/6/1960
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1802
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501420.pdf

Bore Hole Information

Bore Hole ID:	10023463	***Elevation:***	78.547744
DP2BR:	95	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	459480.8
Code OB Desc:	Bedrock	***North83:***	5030797
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	11/9/1960	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	930991788
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	13
Mat3 Desc:	BOULDERS
Formation Top Depth:	52
Formation End Depth:	95
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930991787
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	52
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930991789
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	95
Formation End Depth:	125
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961501420
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10572033
Casing No:	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:	930039808
Layer:	2
Material:	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:	933454127
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	120
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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 #:	5588-89SKM5
Application Year:	2010

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

Issue Date: 10/8/2010
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:

---

50 | ***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 | ***CA***

Certificate #: 4214-8DRL23
Application Year: 2011
Issue Date: 2/8/2011
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:

---

50 | ***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: 4214-8DRL23
Approval Date: 2011-02-08
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: 6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa Front), Geographic Town of Gloucester, City of Ottawa
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9695-8DMRDP-14.pdf

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50 | ***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: 5588-89SKM5
Approval Date: 2010-10-08
Status: Approved
Record Type: ECA
Link Source: IDS
MOE District:
City:
Longitude:
Latitude:
Geometry X:

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

SWP Area Name: **Geometry Y:**
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: 6151 Renaud Rd Part Lot 5, Conc. 3 (Ottawa Front), Geographic Town of Gloucester, City of Ottawa
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6949-893LH7-14.pdf

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51 **1 of 3** **S/156.8** **79.9 / -1.00** **Navan and Renaud Road**
Ottawa ON K4B 1H9 **EHS**

Order No: 20200508091
Status: C
Report Type: Custom Report
Report Date: 13-MAY-20
Date Received: 08-MAY-20
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.52079553
Y: 45.42985255

---

51 **2 of 3** **S/156.8** **79.9 / -1.00** **Navan and Renaud Road**
Ottawa ON K4B 1H9 **EHS**

Order No: 20200508091
Status: C
Report Type: Custom Report
Report Date: 13-MAY-20
Date Received: 08-MAY-20
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.52079553
Y: 45.42985255

---

51 **3 of 3** **S/156.8** **79.9 / -1.00** **Navan and Renaud Road**
Ottawa ON K4B 1H9 **EHS**

Order No: 20200508091
Status: C
Report Type: Custom Report
Report Date: 13-MAY-20
Date Received: 08-MAY-20
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.52079553
Y: 45.42985255

---

52 **1 of 12** **SSE/161.5** **79.0 / -1.91** **MARCEL BRAZEAU LTD.**
LOT 6, CONC. 3 OFF NAVAN ROAD C/O BOX 231
R.R.#9
GLOUCESTER ON K1G 3N5 **GEN**

Generator No: ON1212200
Status:
Approval Years: 89
Contam. Facility:
MHSW Facility:
SIC Code: 4564
SIC Description: BULK DRY TRUCKING

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

---

52 **2 of 12** **SSE/161.5** **79.0 / -1.91** **GEN**

MARCEL BRAZEAU LTD. 26-391
3060 NAVAN ROAD
GLOUCESTER ON K1G 3N5

Generator No: ON1212200
Status:
Approval Years: 92,93,94,95,96,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 4564
SIC Description: BULK DRY TRUCKING

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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

---

52 **3 of 12** **SSE/161.5** **79.0 / -1.91** **GEN**

MARCEL BRAZEAU LTD.
3060 NAVAN ROAD
GLOUCESTER ON K1G 3N5

Generator No: ON1212200
Status:
Approval Years: 99,00,01,02,03,04,05,06,07,08
Contam. Facility:
MHSW Facility:
SIC Code: 4564
SIC Description: BULK DRY TRUCKING

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

---

52 **4 of 12** **SSE/161.5** **79.0 / -1.91** **FSTH**

MARCEL BRAZEAU TOP SOIL
3060 NAVAN RD
NAVAN ON

License Issue Date: 10/1/2001
Tank Status: Licensed
Tank Status As Of: August 2007
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

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

--Details--
Status: Active
Year of Installation: 2001
Corrosion Protection:
Capacity: 9280
Tank Fuel Type: Liquid Fuel Single Wall AST - Gasoline

Status: Active
Year of Installation: 2001
Corrosion Protection:
Capacity: 1345
Tank Fuel Type: Liquid Fuel Single Wall AST - Gasoline

---

52 | ***5 of 12*** | ***SSE/161.5*** | ***79.0 / -1.91*** | ***MARCEL BRAZEAU TOP SOIL***
3060 NAVAN RD
NAVAN ON | ***FSTH***

License Issue Date: 10/1/2001
Tank Status: Licensed
Tank Status As Of: December 2008
Operation Type: Private Fuel Outlet
Facility Type: Gasoline Station - Self Serve

--Details--
Status: Active
Year of Installation: 2001
Corrosion Protection:
Capacity: 9280
Tank Fuel Type: Liquid Fuel Single Wall AST - Gasoline

Status: Active
Year of Installation: 2001
Corrosion Protection:
Capacity: 1345
Tank Fuel Type: Liquid Fuel Single Wall AST - Gasoline

---

52 | ***6 of 12*** | ***SSE/161.5*** | ***79.0 / -1.91*** | ***MARCEL BRAZEAU LTD.***
3060 NAVAN ROAD
GLOUCESTER ON K1W 1E9 | ***GEN***

Generator No: ON1212200
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 561730
SIC Description: Landscaping Services

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

Waste Class: 252

Waste Class Desc: WASTE OILS & LUBRICANTS

---

52 | ***7 of 12*** | ***SSE/161.5*** | ***79.0 / -1.91*** | ***MARCEL BRAZEAU LTD.***
3060 NAVAN ROAD
GLOUCESTER ON K1W 1E9 | ***GEN***

Generator No:	ON1212200	***PO Box No:***	
Status:		***Country:***	
Approval Years:	2010	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	561730		
SIC Description:	Landscaping Services		

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

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

Waste Class: 221
Waste Class Desc: LIGHT FUELS

---

52 | ***8 of 12*** | ***SSE/161.5*** | ***79.0 / -1.91*** | ***MARCEL BRAZEAU TOP SOIL***
3060 NAVAN RD NAVAN K4B ON CA 3060 NAVAN RD NAVAN K4B ON CA
ON | ***FST***

Instance No:	11649401	***Manufacturer:***	NULL
Status:	Active	***Serial No:***	NULL
Cont Name:		***Ulc Standard:***	NULL
Instance Type:	FS Liquid Fuel Tank	***Quantity:***	1
Item:	FS LIQUID FUEL TANK	***Unit of Measure:***	EA
Item Description:	FS Liquid Fuel Tank	***Fuel Type:***	Gasoline
Tank Type:	Single Wall Horizontal AST	***Fuel Type2:***	NULL
Install Date:	10/1/2001	***Fuel Type3:***	NULL
Install Year:	2001	***Piping Steel:***	
Years in Service:	9.5	***Piping Galvanized:***	
Model:	NULL	***Tanks Single Wall St:***	
Description:		***Piping Underground:***	
Capacity:	9280	***Num Underground:***	
Tank Material:	Steel	***Panam Related:***	NULL
Corrosion Protect:	Coating	***Panam Venue:***	NULL
Overfill Protect:			

Facility Type: FS Liquid Fuel Tank
Parent Facility Type: Fuels Safety Private Fuel Outlet - Self Serve
Facility Location: 3060 NAVAN RD NAVAN K4B ON CA
Device Installed Location: 3060 NAVAN RD NAVAN K4B ON CA

Fuel Storage Tank Details

Owner Account Name: MARCEL BRAZEAU TOP SOIL

Liquid Fuel Tank Details

Overfill Protection: NULL
Owner Account Name: MARCEL BRAZEAU TOP SOIL

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

52 | 9 of 12 | SSE/161.5 | 79.0 / -1.91 | MARCEL BRAZEAU TOP SOIL
3060 NAVAN RD NAVAN K4B ON CA 3060 NAVAN RD NAVAN K4B ON CA
ON | FST

Instance No:	11649418	**Manufacturer:**	NULL
Status:	Active	**Serial No:**	NULL
Cont Name:		**Ulc Standard:**	NULL
Instance Type:	FS Liquid Fuel Tank	**Quantity:**	1
Item:	FS LIQUID FUEL TANK	**Unit of Measure:**	EA
Item Description:	FS Liquid Fuel Tank	**Fuel Type:**	Gasoline
Tank Type:	Single Wall Horizontal AST	**Fuel Type2:**	NULL
Install Date:	10/1/2001	**Fuel Type3:**	NULL
Install Year:	2001	**Piping Steel:**	
Years in Service:	9.5	**Piping Galvanized:**	
Model:	NULL	**Tanks Single Wall St:**	
Description:		**Piping Underground:**	
Capacity:	1345	**Num Underground:**	
Tank Material:	Steel	**Panam Related:**	NULL
Corrosion Protect:	Coating	**Panam Venue:**	NULL
Overfill Protect:			

Facility Type: FS Liquid Fuel Tank
Parent Facility Type: Fuels Safety Private Fuel Outlet - Self Serve
Facility Location: 3060 NAVAN RD NAVAN K4B ON CA
Device Installed Location: 3060 NAVAN RD NAVAN K4B ON CA

Fuel Storage Tank Details

Owner Account Name: MARCEL BRAZEAU TOP SOIL

Liquid Fuel Tank Details

Overfill Protection: NULL
Owner Account Name: MARCEL BRAZEAU TOP SOIL

52 | 10 of 12 | SSE/161.5 | 79.0 / -1.91 | Enbridge Gas Distribution Inc.
3060 Navan Rd
Ottawa ON | SPL

Ref No:	2256-ARRND6	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	10/2/2017	**Health/Env Conseq:**	2 - Minor Environment
Year:		**Client Type:**	Corporation
Incident Cause:		**Sector Type:**	Miscellaneous Industrial
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	35	**Nearest Watercourse:**	
Contaminant Name:	NATURAL GAS (METHANE)	**Site Address:**	3060 Navan Rd
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:	1075	**Site Region:**	Eastern
Environment Impact:		**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:	Air	**Northing:**	5030941.21
MOE Response:	No	**Easting:**	459389.33
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	10/2/2017	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Operator/Human Error	**Source Type:**	Valve/Fitting/Piping
Site Name:	Site of line strike<UNOFFICIAL>		
Site County/District:			

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

Site Geo Ref Meth:
Incident Summary: TSSA FSB; 1" pl, IP, residential line dmgd; made safe
Contaminant Qty: 0 other - see incident description

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52 | ***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: 2186506
Incident Reported Dt: 11/6/2017
Type: FS-Pipeline Incident
Status Code:
Customer Acct Name: PIPELINE HIT 1"
Incident Address: 3060 NAVAN RD,,ORLÉANS,ON,K1W 1E9, CA
Tank Status: Non Mandated
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

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:

---

52 | ***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: 2165568
Incident Reported Dt: 10/2/2017
Type: FS-Pipeline Incident
Status Code:
Customer Acct Name: PIPELINE HIT 1"
Incident Address: 3060 NAVAN RD,,OTTAWA,ON,K1W 1E9,CA
Tank Status: Pipeline Damage Reason Est
Task No:
Spills Action Centre:
Fuel Type:
Fuel Occurrence Tp:
Date of Occurrence:
Occurrence Start Dt:
Operation Type:
Pipeline Type:
Regulator Type:
Summary:
Reported By:
Affiliation:
Occurrence Desc:
Damage Reason:
Notes:

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 of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
53	1 of 2	SE/169.7	79.9 / -1.00	6126 RENAUD ROAD GLOUCESTER ON K1W 1E9	HINC

External File Num:	FS INC 0701-00262
Fuel Occurrence Type:	Pipeline Strike
Date of Occurrence:	1/11/2007
Fuel Type Involved:	Natural Gas
Status Desc:	Complete
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	Construction Site (pipeline strike)
Service Interruptions:	No
Property Damage:	No
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation
Root Cause:	
Reported Details:	
Fuel Category:	Gaseous Fuel
Occurrence Type:	Incident
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:	Ottawa
Approx. Quant. Rel:	
Nearby body of water:	
Enter Drainage Syst.:	
Approx. Quant. Unit:	
Environmental Impact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
53	2 of 2	SE/169.7	79.9 / -1.00	6126 RENAUD ROAD GLOUCESTER ON K1W 1E9	HINC

External File Num:	FS INC 0701-00410
Fuel Occurrence Type:	Pipeline Strike
Date of Occurrence:	1/11/2007
Fuel Type Involved:	Natural Gas
Status Desc:	Completed - Causal Analysis(End)
Job Type Desc:	Incident/Near-Miss Occurrence (FS)
Oper. Type Involved:	Construction Site (pipeline strike)
Service Interruptions:	Yes
Property Damage:	Yes
Fuel Life Cycle Stage:	Transmission, Distribution and Transportation
Root Cause:	Root Cause: Equipment/Material/Component:No Procedures:No Maintenance:No Design:Yes Training: Yes Management:No Human Factors:Yes
Reported Details:	
Fuel Category:	Gaseous Fuel
Occurrence Type:	Incident
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
County Name:	Ottawa
Approx. Quant. Rel:	
Nearby body of water:	
Enter Drainage Syst.:	
Approx. Quant. Unit:	
Environmental Impact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
54	1 of 1	W/173.0	78.1 / -2.82	AECON CONSTRUCTION ONTARIO EAST LIMITED ON	EASR

Approval No:	R-009-8110705414	**SWP Area Name:**	Rideau Valley
Status:	REGISTERED	**MOE District:**	Ottawa
Date:	2018-11-26	**Municipality:**	
Record Type:	EASR	**Latitude:**	45.43305556
Link Source:	MOFA	**Longitude:**	-75.525

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

Project Type:	Water Taking - Construction Dewatering	**Geometry X:**	
Full Address:		**Geometry Y:**	
Approval Type:	EASR-Water Taking - Construction Dewatering		
Full PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2106805		

55 **1 of 1** **SE/179.2** **79.9 / -1.00** **lot 6 con 4 ON** **WWIS**

Well ID:	1501528	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	7/6/1964
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**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:**	
Depth to Bedrock:		**Lot:**	006
Well Depth:		**Concession:**	04
Overburden/Bedrock:		**Concession Name:**	OF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501528.pdf

Bore Hole Information

Bore Hole ID:	10023571	**Elevation:**	77.499908
DP2BR:	84	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	459525.8
Code OB Desc:	Bedrock	**North83:**	5030762
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	6/4/1964	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930992079
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Formation Top Depth: 84
Formation End Depth: 106
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992077
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 80
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930992078
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 80
Formation End Depth: 84
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961501528
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10572141
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930040002
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 106
Casing Diameter: 2

Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930040001
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 89
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991501528
Pump Set At:
Static Level: 12
Final Level After Pumping: 40
Recommended Pump Depth: 40
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate: 6
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: 933454238
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 106
Water Found Depth UOM: ft

---

56 | ***1 of 1*** | ***SE/181.3*** | ***79.8 / -1.05*** | ***6102 RENARD ST OTTAWA ON*** | ***WWIS***

Well ID: 7300714
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use: Monitoring
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: Z263680
Tag: A189878
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:

Data Entry Status:
Data Src:
Date Received: 12/5/2017
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 6102 RENARD ST
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:

Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1006862421	***Elevation:***	77.790771
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	459471
Code OB Desc:		***North83:***	5030754
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	10/2/2017	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007045531
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	5
Formation End Depth:	12
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007045530
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	1
Formation End Depth:	5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 1007045529
Layer: 1
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Mat2 Desc:
Mat3: 73
Mat3 Desc: HARD
Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007045539
Layer: 1
Plug From: 0
Plug To: 1
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007045540
Layer: 2
Plug From: 1
Plug To: 4
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007045541
Layer: 3
Plug From: 4
Plug To: 12
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007045538
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1007045528
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007045534
Layer: 1
Material: 5

Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	5
Casing Diameter:	1.38
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1007045535
Layer:	1
Slot:	10
Screen Top Depth:	5
Screen End Depth:	12
Screen Material:	5
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	1.66

Water Details

Water ID:	1007045533
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1007045532
Diameter:	
Depth From:	0
Depth To:	12
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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57 | ***1 of 1*** | ***ESE/188.3*** | ***80.9 / 0.00*** | ***Renaud Rd and Navan Rd Ottawa ON*** | ***SPL***

Ref No:	7246-8UXM48	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	04-JUN-12	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	
Incident Event:		**Agency Involved:**	
Contaminant Code:	13	**Nearest Watercourse:**	
Contaminant Name:	DIESEL FUEL	**Site Address:**	Renaud Rd and Navan Rd
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Not Anticipated	**Site Municipality:**	Ottawa
Nature of Impact:		**Site Lot:**	
Receiving Medium:	Sewage - Municipal/Private and Commercial	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	Planned Field Response	**Easting:**	
Dt MOE Arvl on Scn:	05-JUN-12	**Site Geo Ref Accu:**	
MOE Reported Dt:	04-JUN-12	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Land Spills
Incident Reason:		**Source Type:**	
Site Name:	TT MVA<UNOFFICIAL>		
Site County/District:			

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

Site Geo Ref Meth:
Incident Summary: MVA: TT 265L DSL to ditch
Contaminant Qty:

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58 **1 of 1** **ESE/188.3** **80.9 / 0.00** **Navan Rd Renaud Rd**
Ottawa ON **EHS**

Order No: 20131111003
Status: C
Report Type: Custom Report
Report Date: 19-NOV-13
Date Received: 11-NOV-13
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans; City Directory

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.513565
Y: 45.43005

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59 **1 of 1** **SE/193.1** **79.9 / -1.00** **Orleans Printers Ltd.**
6102 Renaud Rd Unit 1
Orleans ON K1W 1E9 **SCT**

Established: 1986
Plant Size (ft²): 2000
Employment: 4

--Details--
Description: Quick Printing
SIC/NAICS Code: 323114

Description: Digital Printing
SIC/NAICS Code: 323115

Description: Other Printing
SIC/NAICS Code: 323119

Description: Support Activities for Printing
SIC/NAICS Code: 323120

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60 **1 of 1** **SE/204.0** **79.8 / -1.05** **lot 6 con 4**
ON **WWIS**

Well ID: 1501529
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/30/1965
Selected Flag: Yes
Abandonment Rec:
Contractor: 1504
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot: 006
Concession: 04
Concession Name: OF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1501529.pdf

Bore Hole Information

Bore Hole ID:	10023572	***Elevation:***	77.348266
DP2BR:	92	***Elevrc:***	
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:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

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

Pipe Information

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

Construction Record - Casing

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

Construction Record - Casing

Casing ID:	930040004
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
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
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	107
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
61	1 of 1	SE/210.8	79.1 / -1.77	6102 Renaud Rd Ottawa ON K1W1E9	EHS

Order No:	20170821065	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	28-AUG-17	**Search Radius (km):**	.25
Date Received:	21-AUG-17	**X:**	-75.518108
Previous Site Name:		**Y:**	45.428868
Lot/Building Size:			
Additional Info Ordered:	City Directory		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
62	1 of 3	SSE/225.2	77.9 / -2.97	Enbridge Gas Distribution Inc. 6071 renaud Road, Orleans<UNOFFICIAL> Ottawa ON K1C 7G4	SPL

Ref No:	3767-86WMPR	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:		**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**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:**	
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	Referral to others	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	6/30/2010	**Site Map Datum:**	
Dt Document Closed:	7/12/2010	**SAC Action Class:**	TSSA - Fuel Safety Branch
Incident Reason:		**Source Type:**	
Site Name:	6071 renaud Road, Orleans<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Pipeline stke, 4 inch plstic main, EG to make safe		
Contaminant Qty:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
62	2 of 3	SSE/225.2	77.9 / -2.97	Enbridge Gas Distribution Inc. 6071 renaud Road, Orleans<UNOFFICIAL> Ottawa ON K1C 7G4	SPL

Ref No:	3767-86WMPR	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:		**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**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:**	
Nature of Impact:		**Site Lot:**	
Receiving Medium:		**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:	Referral to others	**Easting:**	

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

Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	6/30/2010	**Site Map Datum:**	
Dt Document Closed:	7/12/2010	**SAC Action Class:**	TSSA - Fuel Safety Branch
Incident Reason:		**Source Type:**	
Site Name:	6071 renaud Road, Orleans<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Pipeline stke, 4 inch plstic main, EG to make safe		
Contaminant Qty:			

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62 | ***3 of 3*** | ***SSE/225.2*** | ***77.9 / -2.97*** | ***6071 Renaud Road, Orleans ON K1C 7G4*** | ***INC***

Incident No:	416666	**Any Health Impact:**	
Incident ID:	2568366	**Any Enviro Impact:**	
Instance No:		**Service Interrupted:**	
Status Code:	Causal Analysis Complete	**Was Prop Damaged:**	
Attribute Category:	FS-Incident	**Reside App. Type:**	
Context:		**Commer App. Type:**	
Date of Occurrence:		**Indus App. Type:**	
Time of Occurrence:		**Institut App. Type:**	
Incident Created On:		**Venting Type:**	
Instance Creation Dt:		**Vent Conn Mater:**	
Instance Install Dt:		**Vent Chimney Mater:**	
Occur Insp Start Date:		**Pipeline Type:**	Main Distribution Pipeline
Approx Quant Rel:		**Pipeline Involved:**	
Tank Capacity:		**Pipe Material:**	Plastic
Fuels Occur Type:		**Depth Ground Cover:**	.7m
Fuel Type Involved:		**Regulator Location:**	
Enforcement Policy:		**Regulator Type:**	
Prc Escalation Req:		**Operation Pressure:**	IP
Tank Material Type:		**Liquid Prop Make:**	
Tank Storage Type:		**Liquid Prop Model:**	
Tank Location Type:		**Liquid Prop Serial No:**	
Pump Flow Rate Cap:		**Liquid Prop Notes:**	
Task No:		**Equipment Type:**	
Notes:		**Equipment Model:**	
Drainage System:		**Serial No:**	
Sub Surface Contam.:		**Cylinder Capacity:**	
Aff Prop Use Water:		**Cylinder Cap Units:**	
Contam. Migrated:		**Cylinder Mat Type:**	
Contact Natural Env:		**Near Body of Water:**	
Incident Location:	6071 Renaud Road, Orleans - 4" Pipeline Hit		
Occurence Narrative:	4" line not identified on middle locate, excavation companies failed to call to clarify locate upon finding in active 2" line and dug without markings		
Operation Type Involved:			
Item:			
Item Description:			
Device Installed Location:			

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63 | ***1 of 1*** | ***NW/226.8*** | ***80.9 / 0.00*** | ***MINTO DEVELOPMENTS INC. CASTLE PINES WAY/AUBURN RIDGE GLOUCESTER CITY ON*** | ***CA***

Certificate #:	7-0575-94-
Application Year:	94
Issue Date:	7/11/1994
Approval Type:	Municipal water
Status:	Approved
Application Type:	
Client Name:	
Client Address:	

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

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64 | ***1 of 1*** | ***ESE/227.6*** | ***80.9 / 0.00*** | ***lot 5 con 4 ON*** | ***WWIS***

Well ID:	1509638	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	6/15/1968
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1517
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	005
Well Depth:		***Concession:***	04
Overburden/Bedrock:		***Concession Name:***	OF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509638.pdf

Bore Hole Information

Bore Hole ID:	10031670	***Elevation:***	83.4412
DP2BR:	118	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	459700.8
Code OB Desc:	Bedrock	***North83:***	5030882
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	2/1/1968	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931012639
Layer:	5
Color:	8
General Color:	BLACK
Mat1:	26
Most Common Material:	ROCK
Mat2:	
Mat2 Desc:	
Mat3:	

Mat3 Desc:
Formation Top Depth: 118
Formation End Depth: 128
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931012637
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 30
Formation End Depth: 110
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931012635
Layer: 1
Color:
General Color:
Mat1: 23
Most Common Material: PREVIOUSLY DUG
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 12
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931012638
Layer: 4
Color:
General Color:
Mat1: 28
Most Common Material: SAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 110
Formation End Depth: 118
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931012636
Layer: 2
Color:

General Color:
Mat1: 07
Most Common Material: QUICKSAND
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 12
Formation End Depth: 30
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961509638
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10580240
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930055980
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 128
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930055979
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 118
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991509638
Pump Set At:
Static Level: 25
Final Level After Pumping: 40
Recommended Pump Depth: 50
Pumping Rate: 8
Flowing Rate:
Recommended Pump Rate: 4
Levels UOM: ft
Rate UOM: GPM

Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933464524
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	127
Water Found Depth UOM:	ft

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65 | ***1 of 2*** | ***E/230.4*** | ***80.9 / 0.00*** | ***TREMBLAY CONSTRUCTION***
700 MORNINGSTAR WAY,,OTTAWA,ON,K1W 0G6,CA
ON | ***PINC***

Incident ID:		**Fuel Category:**	Natural Gas
Incident No:	1899738	**Health Impact:**	
Incident Reported Dt:	7/8/2016	**Environment Impact:**	
Type:	FS-Pipeline Incident	**Property Damage:**	No
Status Code:		**Service Interupt:**	
Customer Acct Name:	TREMBLAY CONSTRUCTION	**Enforce Policy:**	Yes
Incident Address:	700 MORNINGSTAR WAY,,OTTAWA,ON, K1W 0G6,CA	**Public Relation:**	
Tank Status:	Pipeline Damage Reason Est	**Pipeline System:**	
Task No:	6241639	**Depth:**	
Spills Action Centre:		**Pipe Material:**	
Fuel Type:		**PSIG:**	
Fuel Occurrence Tp:		**Attribute Category:**	FS-Perform P-line Inc Invest
Date of Occurrence:		**Regulator Location:**	
Occurrence Start Dt:	2016/07/21	**Method Details:**	E-mail
Operation Type:			
Pipeline Type:			
Regulator Type:			
Summary:	700 MORNINGSTAR WAY, OTTAWA - PIPELINE HIT - 1/2"		
Reported By:	Bernie Monette - ENBRIDGE		
Affiliation:			
Occurrence Desc:			
Damage Reason:	Excavation practices not sufficient		
Notes:			

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65 | ***2 of 2*** | ***E/230.4*** | ***80.9 / 0.00*** | ***Enbridge Gas Distribution Inc.***
700 Morningstar Way
Ottawa ON | ***SPL***

Ref No:	4350-ABNHGR	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2016/07/07	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Miscellaneous Industrial
Incident Event:	Leak/Break	**Agency Involved:**	
Contaminant Code:	35	**Nearest Watercourse:**	
Contaminant Name:	NATURAL GAS (METHANE)	**Site Address:**	700 Morningstar Way
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:
Receiving Medium:
Receiving Env: Air
MOE Response: No
Dt MOE Arvl on Scn:
MOE Reported Dt: 2016/07/08
Dt Document Closed: 2016/08/10
Incident Reason: Operator/Human Error
Site Name: PL Strike Site <UNOFFICIAL>
Site County/District:
Site Geo Ref Meth:
Incident Summary: TSSA: FSB 1/2" PL Strike, made safe.
Contaminant Qty: 0 L

Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Source Type:

---

66 | **1 of 1** | **SE/238.0** | **79.2 / -1.69** | **6102 RENAUD ST OTTAWA ON** | **WWIS**

Well ID: 7300645
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use: Monitoring
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z263682
Tag: A189877
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

PDF URL (Map):

Data Entry Status:
Data Src:
Date Received: 12/5/2017
Selected Flag: Yes
Abandonment Rec:
Contractor: 7241
Form Version: 7
Owner:
Street Name: 6102 RENAUD ST
County: OTTAWA
Municipality: GLOUCESTER TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1006858422
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/2/2017
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 76.455329
Elevrc:
Zone: 18
East83: 459509
North83: 5030699
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID:	1007044328
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	6
Formation End Depth:	15
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007044327
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	1
Formation End Depth:	6
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007044326
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	0
Formation End Depth:	1
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007044338
Layer:	3
Plug From:	4
Plug To:	15
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007044336
Layer:	1

Plug From: 0
Plug To: 1
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007044337
Layer: 2
Plug From: 1
Plug To: 4
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007044335
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction: T

Pipe Information

Pipe ID: 1007044325
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007044331
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 5
Casing Diameter: 1.38
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1007044332
Layer: 1
Slot: 10
Screen Top Depth: 5
Screen End Depth: 15
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.66

Water Details

Water ID: 1007044330
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID:	1007044329
Diameter:	2.375
Depth From:	0
Depth To:	15
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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67 | ***1 of 1*** | ***SE/241.2*** | ***78.9 / -2.00*** | ***6102 RENAUD ST OTTAWA ON*** | ***WWIS***

Well ID:	7300715	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Test Hole	***Date Received:***	12/5/2017
Sec. Water Use:	Monitoring	***Selected Flag:***	Yes
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	7
Audit No:	Z263681	***Owner:***	
Tag:	A190041	***Street Name:***	6102 RENAUD ST
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	GLOUCESTER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	1006862427	***Elevation:***	76.404884
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	459476
Code OB Desc:		***North83:***	5030694
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	10/2/2017	***UTMRC Desc:***	margin of error : 30 m - 100 m
Remarks:		***Location Method:***	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1007046203
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL

Mat2: 28
Mat2 Desc: SAND
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 0
Formation End Depth: 1
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007046205
Layer: 3
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 6
Formation End Depth: 15
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1007046204
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 06
Mat2 Desc: SILT
Mat3: 85
Mat3 Desc: SOFT
Formation Top Depth: 1
Formation End Depth: 6
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007046214
Layer: 2
Plug From: 1
Plug To: 4
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007046215
Layer: 3
Plug From: 4
Plug To: 15
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007046213
Layer: 1
Plug From: 0
Plug To: 1
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1007046212
Method Construction Code: D
Method Construction: Direct Push
Other Method Construction:

Pipe Information

Pipe ID: 1007046202
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007046208
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 5
Casing Diameter: 1.38
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1007046209
Layer: 1
Slot: 10
Screen Top Depth: 5
Screen End Depth: 15
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.66

Water Details

Water ID: 1007046207
Layer:
Kind Code:
Kind:
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1007046206
Diameter: 2.375
Depth From: 0
Depth To: 15

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

Hole Depth UOM: ft
Hole Diameter UOM: inch

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68 *1 of 8* *N/248.8* *83.0 / 2.08* **1310034 Ontario Inc. Cob National Coatings**
2624 Page Rd.
Ottawa ON K1W 1E8
GEN

Generator No: ON4100513
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 238320
SIC Description:
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

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68 *2 of 8* *N/248.8* *83.0 / 2.08* **1310034 Ontario Inc. Cob National Coatings**
2624 Page Rd.
Ottawa ON K1W 1E8
GEN

Generator No: ON4100513
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 238320
SIC Description: Painting and Wall Covering Contractors
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

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68 *3 of 8* *N/248.8* *83.0 / 2.08* **1310034 Ontario Inc. Cob National Coatings**
2624 Page Rd.
Ottawa ON
GEN

Generator No: ON4100513
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 238320
SIC Description: PAINTING AND WALL COVERING CONTRACTORS
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

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68 *4 of 8* *N/248.8* *83.0 / 2.08* **1310034 Ontario Inc. Cob National Coatings**
2624 Page Rd.
Ottawa ON K1W1E8
GEN

Generator No: ON4100513
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 238320
SIC Description: PAINTING AND WALL COVERING CONTRACTORS
PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: EMILIA IGLESIAS
Phone No Admin: 6137417792 Ext.

Detail(s)

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
68	5 of 8	N/248.8	83.0 / 2.08	1310034 Ontario Inc. Cob National Coatings 2624 Page Rd. Ottawa ON K1W1E8	GEN

Generator No: ON4100513
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 238320
SIC Description: PAINTING AND WALL COVERING CONTRACTORS

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: EMILIA IGLESIAS
Phone No Admin: 6137417792 Ext.

Detail(s)

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
68	6 of 8	N/248.8	83.0 / 2.08	1310034 Ontario Inc. Cob National Coatings 2624 Page Rd. Ottawa ON K1W1E8	GEN

Generator No: ON4100513
Status:
Approval Years: 2014
Contam. Facility: No
MHSW Facility: No
SIC Code: 238320
SIC Description: PAINTING AND WALL COVERING CONTRACTORS

PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: EMILIA IGLESIAS
Phone No Admin: 6137417792 Ext.

Detail(s)

Waste Class: 145
Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
68	7 of 8	N/248.8	83.0 / 2.08	1310034 Ontario Inc. Cob National Coatings 2624 Page Rd. Ottawa ON K1W1E8	GEN

Generator No: ON4100513
Status: Registered
Approval Years: As of Dec 2018
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 145 L
Waste Class Desc: Wastes from the use of pigments, coatings and paints

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
68	8 of 8	N/248.8	83.0 / 2.08	1310034 Ontario Inc. Cob National Coatings 2624 Page Rd. Ottawa ON K1W1E8	GEN

Generator No: ON4100513
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

SIC Code:
SIC Description:

Detail(s)

Waste Class: 145 L
Waste Class Desc: Wastes from the use of pigments, coatings and paints

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69 | ***1 of 1*** | ***E/249.5*** | ***80.9 / 0.00*** | ***6173 Renaud Road, Ottawa ON*** | ***PINC***

Incident ID:	2801790	***Fuel Category:***	Natural Gas
Incident No:	645066	***Health Impact:***	No
Incident Reported Dt:		***Environment Impact:***	No
Type:	FS-Pipeline Incident	***Property Damage:***	Yes
Status Code:	Pipeline Damage Reason Est	***Service Interupt:***	Yes
Customer Acct Name:		***Enforce Policy:***	Yes
Incident Address:		***Public Relation:***	No
Tank Status:	RC Established	***Pipeline System:***	Transmission pipeline
Task No:	3447797	***Depth:***	19
Spills Action Centre:		***Pipe Material:***	Plastic
Fuel Type:	Natural Gas	***PSIG:***	40
Fuel Occurrence Tp:	Pipeline Strike	***Attribute Category:***	FS-Perform P-line Inc Invest
Date of Occurrence:	8/12/2011 0:00	***Regulator Location:***	Outside
Occurrence Start Dt:	2011/08/15	***Method Details:***	E-mail

Operation Type: Construction Site (pipeline strike)
Pipeline Type: Main Distribution Pipeline
Regulator Type: Service Regulator (up to 60 psi intake)
Summary: 6173 Renaud Road, Ottawa - Pipeline Hit
Reported By: Wayne Pilon
Affiliation: Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)
Occurrence Desc: gas main damage
Damage Reason: Excavation practices not sufficient
Notes: imprudent excavation

Unplottable Summary

Total: 116 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Minto Developments Inc.		Ottawa ON	
CA	Ashcroft Homes - Eastboro Inc.	Renaud Road	Ottawa ON	
CA	Richcraft Homes Ltd.		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	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	

CA	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
CA	Minto Developments Inc.	Pt Lot 26, Con 6, 4R-11232 Parts 1 &2, Kanata Ward 4	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 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

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	Taggart Construction Limited	Mobile Facility	Ottawa ON
CA	Minto Developments Inc.		Ottawa ON
CA	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
CA		Page Rd Allowance bwt Lots 5 and 6, Conc. III	Ottawa ON
CA	Chapel Hill Subdivision - Stage 9	Lots 6 and 7, Concession 3	Gloucester ON
CA	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

Database: ***CA***

Certificate #: 8733-8J9RH6
Application Year: 2011
Issue Date: 7/28/2011
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: ***Ashcroft Homes - Eastboro Inc.***
Renaud Road Ottawa ON

Database: ***CA***

Certificate #: 7226-6GLJQM
Application Year: 2011
Issue Date: 6/24/2011
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: ***Richcraft Homes Ltd.***
Ottawa ON

Database: ***CA***

Certificate #: 9817-7WNR3C
Application Year: 2009
Issue Date: 10/15/2009
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.***
Ottawa ON

Database: ***CA***

Certificate #: 9152-65XHVP

Application Year: 2004
Issue Date: 10/21/2004
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: ***Richcraft Homes Ltd.***
Ottawa ON

Database: ***CA***

Certificate #: 9080-5UYQRL
Application Year: 2004
Issue Date: 1/8/2004
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.***
Ottawa ON

Database: ***CA***

Certificate #: 8418-76APWL
Application Year: 2007
Issue Date: 8/22/2007
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.***
Ottawa ON

Database: ***CA***

Certificate #: 8133-65GMW9
Application Year: 2004
Issue Date: 10/6/2004
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.***
Ottawa ON

Database: ***CA***

Certificate #: 7996-5Q7RGN
Application Year: 2003
Issue Date: 8/12/2003
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.***
Ottawa ON

Database: ***CA***

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

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

Database: ***CA***

Certificate #: 7677-7DPNN3
Application Year: 2008
Issue Date: 5/1/2008
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: ***Richcraft Homes Ltd.***
Ottawa ON

Database: ***CA***

Certificate #: 7432-7UVKBU
Application Year: 2009
Issue Date: 8/13/2009
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.***
Ottawa ON

Database: ***CA***

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

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

Database: ***CA***

Certificate #: 7163-5SYQ3M
Application Year: 2003
Issue Date: 11/14/2003
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.***
Ottawa ON

Database: ***CA***

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

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

Database: ***CA***

Certificate #: 6733-5NSKZ9
Application Year: 2003

Issue Date: 6/23/2003
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: ***Claridge Homes (Carson) Inc.***
Renaud Rd Ottawa ON

Database: ***CA***

Certificate #: 6667-7P8R2K
Application Year: 2009
Issue Date: 2/13/2009
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.***
Ottawa ON

Database: ***CA***

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

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

Database: ***CA***

Certificate #: 1462-8E5P3N
Application Year: 2011
Issue Date: 2/23/2011
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: ***Ashcroft Homes - Eastboro Inc.***
Renaud Road Ottawa ON

Database: ***CA***

Certificate #: 2240-8ERLQE
Application Year: 2011
Issue Date: 3/14/2011
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.***
Ottawa ON

Database: ***CA***

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

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

Database: ***CA***

Certificate #: 5963-766KNS
Application Year: 2007
Issue Date: 8/21/2007
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.***
Ottawa ON

Database: ***CA***

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

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

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

Database: ***CA***

Certificate #: 5380-6GGNFK
Application Year: 2005
Issue Date: 9/23/2005
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.***
Ottawa ON

Database: ***CA***

Certificate #: 5109-66JPRR
Application Year: 2004
Issue Date: 11/9/2004
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.***
Ottawa ON

Database: ***CA***

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

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

Database: ***CA***

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

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.***
Ottawa ON

Database: ***CA***

Certificate #: 3934-5QBL78
Application Year: 2003
Issue Date: 9/18/2003
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: ***Richcraft Homes Ltd.***
Ottawa ON

Database: ***CA***

Certificate #: 3841-632P4R
Application Year: 2004
Issue Date: 7/20/2004
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.***
Ottawa ON

Database: ***CA***

Certificate #: 3403-5MAJ6D
Application Year: 2003
Issue Date: 5/9/2003
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.***
Ottawa ON

Database: ***CA***

Certificate #: 3360-7H3RCS
Application Year: 2008
Issue Date: 8/8/2008
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.***
Ottawa ON

Database: ***CA***

Certificate #: 3324-5PXLMV
Application Year: 2003
Issue Date: 7/31/2003
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 Communities Inc.***
Ottawa ON

Database: ***CA***

Certificate #: 3058-7JZKTF
Application Year: 2008
Issue Date: 10/7/2008
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.***
Ottawa ON

Database: ***CA***

Certificate #: 2814-68ZN2P
Application Year: 2005
Issue Date: 2/2/2005
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.***
Ottawa ON

Database: ***CA***

Certificate #: 2803-6XKQB2
Application Year: 2007
Issue Date: 1/25/2007
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.***
Ottawa ON

Database: ***CA***

Certificate #: 2539-66USUQ
Application Year: 2004
Issue Date: 11/25/2004
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.***
Ottawa ON

Database: ***CA***

Certificate #: 2530-6JULSK
Application Year: 2005
Issue Date: 12/16/2005
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.***
Ottawa ON

Database: ***CA***

Certificate #: 2206-5J5J5M
Application Year: 2003
Issue Date: 1/27/2003
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.***
Ottawa ON

Database: ***CA***

Certificate #: 1930-5HZMDY
Application Year: 2003
Issue Date: 1/21/2003
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.***
Ottawa ON

Database: ***CA***

Certificate #: 1814-73VJMC
Application Year: 2007
Issue Date: 6/7/2007
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.***
Ottawa ON

Database: ***CA***

Certificate #: 1688-5ZCP3J
Application Year: 2004
Issue Date: 5/28/2004
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.***

Database: ***CA***

Ottawa ON

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

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

Database: ***CA***

Certificate #: 1462-76TNSQ
Application Year: 2007
Issue Date: 9/11/2007
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.***
Ottawa ON

Database: ***CA***

Certificate #: 1305-5PNSMF
Application Year: 2003
Issue Date: 7/22/2003
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.***
Ottawa ON

Database: ***CA***

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

Contaminants:
Emission Control:

Site: ***Richcraft Homes Ltd.***
Ottawa ON

Database: ***CA***

Certificate #: 1207-5YPRH9
Application Year: 2004
Issue Date: 5/6/2004
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.***
Ottawa ON

Database: ***CA***

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

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

Database: ***CA***

Certificate #: 1002-6GQJNY
Application Year: 2005
Issue Date: 10/3/2005
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: ***Taggart Construction Limited***
Mobile Facility Ottawa ON

Database: ***CA***

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

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

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

Database: ***CA***

Certificate #: 0523-7EVPTJ
Application Year: 2008
Issue Date: 8/21/2008
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.***
Ottawa ON

Database: ***CA***

Certificate #: 0681-67QTZP
Application Year: 2005
Issue Date: 1/11/2005
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:
Part of Lots 5 and 6, Conc. 3 Page Rd and Hydro Corridor Pt 2, Ref Plan 5R-14021 Ottawa ON

Database: ***CA***

Certificate #: 7125-4WTRKD
Application Year: 01
Issue Date: 5/18/01
Approval Type: Municipal & Private water
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: watermains to be constructed on Page Road and Easement within Hydro Corridor
Contaminants:
Emission Control:

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

Database: ***CA***

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:
Emission Control:

Site: ***Chapel Hill Subdivision - Stage 9***
Lots 6 and 7, Concession 3 Gloucester ON

Database: ***CA***

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

Site: ***Chapel Hill Subdivision - Stage 9***
Lots 6 and 7, Concession 3 Gloucester ON

Database: ***CA***

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:
Emission Control:

Site: ***R.M. OF OTTAWA-CARLETON***
CONC. 3, LOTS 7-13 GLOUCHESTER CITY ON

Database: ***CA***

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

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

Site: ***MINTO DEVELOPMENTS INC.***
LOT 7,C.3/CHAPEL HILL S.PH.V11 GLOUCESTER ON

Database: ***CA***

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

Site: ***MINTO DEVELOPMENTS INC.***
LOT 7,C.3/CHAPEL HILL S.PH.V11 GLOUCESTER ON

Database: ***CA***

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

Site: ***MINTO DEVELOPMENTS INC.***
AUBURN RIDGE DR./PAGE RD. GLOUCESTER CITY ON

Database: ***CA***

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

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

Database: ***CA***

Certificate #: 3-0614-94-

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

Site: ***MINTO DEVELOPMENTS INC.-CHAPEL HILL SOUT***
STORMWATER MANAGEMENT POND GLOUCESTER CITY ON

Database: ***CA***

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

Site: ***MICHEL LAMARCHE ENTERPRISES INC.***
PAGE ROAD X-7-1094-89 GLOUCESTER CITY ON

Database: ***CA***

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

Site: ***APEX CONST. (VAULTEX CONST.)***
NAVAN RD. GLOUCESTER CITY ON

Database: ***CA***

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

Site: ***GLOUCESTER CITY***
NAVAN RD. GLOUCESTER CITY ON

Database: ***CA***

Certificate #: 3-2067-87-
Application Year: 87
Issue Date: 11/17/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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

Database: ***CONV***

File No: 012802
Crown Brief No:
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Location:
Region:
Ministry District:

Description: 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.

Background:
URL:

Additional Details

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

Site: ***AECON CONSTRUCTION AND MATERIAL ON*** **Database:** ***CONV***

File No:		***Location:***	
Crown Brief No:	98-0000-9004	***Region:***	EASTERN REGION
Court Location:		***Ministry District:***	
Publication City:			
Publication Title:			
Act:			
Act(s):			
First Matter:			
Second Matter:			
Investigation 1:			
Investigation 2:			
Penalty Imposed:			
Description:	THIS IS THE EASTERN BRIEF FOR ALL P.O.A. TICKETS		
Background:			
URL:			

Additional Details

Publication Date:	
Count:	1
Act:	OWRA
Regulation:	
Section:	34(8)
Act/Regulation/Section:	OWRA- -34(8)
Date of Offence:	
Date of Conviction:	
Date Charged:	11/1/01
Charge Disposition:	SUSPENDED SENTENCE
Fine:	$305.00
Synopsis:	

Site: ***Taggart Construction Limited Mobile Facility 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:	2007		
Instrument Type:	(EPA s. 9) - Approval for discharge into the natural environment other than water (i.e. Air)		
Off Instrument Name:			
Posted By:			
Company Name:	Taggart Construction Limited		
Site Address:			
Location Other:			
Proponent Name:			
Proponent Address:	3187 Albion Rd S, Ottawa Ontario, K1V 8Y3		
Comment Period:			
URL:			

Site Location Details:

Mobile Facility Ottawa Ontario Ottawa

Site: ***Richcraft Homes Ltd. Ottawa, ON Canada ON*** **Database:** ***EBR***

EBR Registry No:	019-1273	***Decision Posted:***	
Ministry Ref No:	KV-C-001-18	***Exception Posted:***	
Notice Type:	Instrument	***Section:***	Section 17 (2) (c)

Notice Stage:	Proposal	***Act 1:***	Endangered Species Act , R.S.O. 2007
Notice Date:		***Act 2:***	Endangered Species Act, 2007
Proposal Date:	February 27, 2020	***Site Location Map:***	
Year:	2020		

Instrument Type: Permit for activities to achieve an overall benefit to a species
Off Instrument Name: Permit for activities with conditions to achieve overall benefit to the species (ESA s.17(2) (c))
Posted By: Ministry of the Environment, Conservation and Parks
Company Name:
Site Address: Ottawa,
ON
Canada
Location Other:
Proponent Name: Richcraft Homes Ltd.
Proponent Address: 2280 St. Laurent Boulevard
Unit 201
Ottawa,
ON
K1G4K1
Canada
Comment Period: February 27, 2020 - March 28, 2020 (30 days) Closed
URL: https://ero.ontario.ca/notice/019-1273

Site Location Details:

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

Site: ***Marcel Brazeau Limited***
ON

Database: ***EBR***

EBR Registry No:	019-2113	***Decision Posted:***	November 10, 2020
Ministry Ref No:		***Exception Posted:***	
Notice Type:	Instrument	***Section:***	Section 13 (3.1)
Notice Stage:	Decision	***Act 1:***	Aggregate Resources Act, R.S.O. 1990
Notice Date:		***Act 2:***	Aggregate Resources Act
Proposal Date:	July 23, 2020	***Site Location Map:***	
Year:	2020		

Instrument Type: Changes to the site plan for a pit or quarry
Off Instrument Name: Approval of licensee proposed amendment to a site plan
Posted By: Ministry of Natural Resources and Forestry
Company Name:
Site Address:
Location Other:
Proponent Name: Marcel Brazeau Limited
Proponent Address: Marcel Brazeau Limited
PO Box 231
Gloucester,
ON
K1G 3N5
Canada
Comment Period: July 23, 2020 - August 24, 2020 (32 days) Closed
URL: https://ero.ontario.ca/notice/019-2113

Site Location Details:

City of Ottawa
Part Lot 8, Concession 3RF, Geographic Township of Nepean
The site is located south of Barrhaven, in the City of Ottawa, on Borrisokane Road.
The site is Aggregate Resources Act Licence No. 4219.
A link showing sites licensed under the Aggregate Resources Act is provided: https:ontario.ca/page/find-pits-and-quarries

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Site: ***Minto Communities Inc.***
Ottawa, Ontario CITY OF OTTAWA ON

Database: ***EBR***

EBR Registry No:	013-0315	***Decision Posted:***	

Ministry Ref No: MNRF INST 30/17
Notice Type: Instrument Decision
Notice Stage:
Notice Date: September 28, 2017
Proposal Date: April 10, 2017
Year: 2017
Instrument Type: (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species
Off Instrument Name:
Posted By:
Company Name: Minto Communities Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 180 Kent Street , Suite 200, Ottawa Ontario, Canada K1P 0B6, Minto Communities Inc., 180 Kent Street , Suite 200, Ottawa Ontario, Canada K1P 0B6
Comment Period:
URL:

Site Location Details:

Ottawa, Ontario CITY OF OTTAWA

Site: ***Minto Communities ON***

Database: ***EBR***

EBR Registry No: 019-2808
Ministry Ref No: KV-C-001-19
Notice Type: Instrument
Notice Stage: Proposal
Notice Date:
Proposal Date: December 4, 2020
Year: 2020
Decision Posted:
Exception Posted:
Section: Section 17 (2) (c)
Act 1: Endangered Species Act , R.S.O. 2007
Act 2: Endangered Species Act, 2007
Site Location Map:
Instrument Type: Permit for activities to achieve an overall benefit to a species
Off Instrument Name: Permit for activities with conditions to achieve overall benefit to the species (ESA s.17(2) (c))
Posted By: Ministry of the Environment, Conservation and Parks
Company Name:
Site Address:
Location Other:
Proponent Name: Minto Communities
Proponent Address: Minto Communities
180 Kent Street
Unit 200
Ottawa,
ON
K1P 0B6
Canada
Comment Period: December 4, 2020 - January 3, 2021 (30 days) Closed
URL: https://ero.ontario.ca/notice/019-2808

Site Location Details:

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

Site: ***Claridge Homes (Carson) Inc.***
Renaud Rd Ottawa ON K2P 0M6

Database: ***ECA***

Approval No: 6667-7P8R2K
Approval Date: 2009-02-13
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS

Address: Renaud Rd
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0490-7NYR9F-14.pdf

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Site: ***Richcraft Homes Ltd.***
Ottawa ON K1G 4K1

Database: ***ECA***

Approval No: 9080-5UYQRL
Approval Date: 2004-01-08
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5802-5UQM74-14.pdf

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***Minto Developments Inc.***
Ottawa ON K1R 7Y2

Database: ***ECA***

Approval No: 4490-5SYQAN
Approval Date: 2003-11-14
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address:
Full Address:
Full PDF Link:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 0606-AHXJCH
Approval Date: 2017-02-02
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4552-AHSJ74-14.pdf

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: ***City of Ottawa***
Brian Coburn Boulevard Ottawa ON K2G 6J8

Database: ***ECA***

Approval No: 7002-A9SLGL
Approval Date: 2016-05-13
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Brian Coburn Boulevard
Full Address:

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8723-A4CT6C-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No:	8270-A3ZLU2	***MOE District:***	
Approval Date:	2015-11-10	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8185-A3PRB5-14.pdf		

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No:	7971-9EAST8	***MOE District:***	
Approval Date:	2014-01-10	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/7322-9E4LGN-14.pdf		

Site: ***Richcraft Homes Ltd.***
Ottawa ON K1G 4K1

Database: ***ECA***

Approval No:	6566-A7AMSG	***MOE District:***	
Approval Date:	2016-02-23	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1204-A4KTW4-14.pdf		

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No:	7202-97BLB4	***MOE District:***	
Approval Date:	2013-05-23	***City:***	
Status:	Revoked and/or Replaced	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/4553-95ZKWJ-14.pdf		

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No:	0195-95LSVA	***MOE District:***	
Approval Date:	2013-03-22	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1964-8XNJA4-14.pdf		

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No:	3053-8YJNWU	***MOE District:***	
Approval Date:	2012-10-01	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1397-8XNJGH-14.pdf		

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No:	1554-8Y2HZ6	***MOE District:***	
Approval Date:	2012-09-14	***City:***	
Status:	Revoked and/or Replaced	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1100-8WTMSY-14.pdf		

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

Database: ***ECA***

Approval No:	3522-8S8JMQ	***MOE District:***	
Approval Date:	2012-03-12	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	Brian Coburn Boulevard		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/8059-8S6RZ6-14.pdf		

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 3002-8PBSB4
Approval Date: 2012-01-31
Status: Revoked and/or Replaced
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/6465-8NETCD-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6
Database: ***ECA***

Approval No: 8813-9WYQ2J
Approval Date: 2015-06-08
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4625-9WXRTA-14.pdf

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Site: ***Taggart Construction Limited***
Mobile Facility Ottawa ON K1V 8Y3
Database: ***ECA***

Approval No: 0636-7KEL2F
Approval Date: 2008-11-19
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-AIR
Project Type: AIR
Address: Mobile Facility
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/8556-6XWUA3-14.pdf

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Site: ***Richcraft Homes Ltd.***
Ottawa ON K1G 4K1
Database: ***ECA***

Approval No: 5800-5UYNQD
Approval Date: 2004-01-08
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address:
Full Address:
Full PDF Link:

Site: ***Richcraft Homes Ltd.***
Ottawa ON K1G 4K1
Database: ***ECA***

Approval No: 5204-4RGRNN
Approval Date: 2000-12-01
MOE District:
City:

Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-Municipal and Private Water Works		
Project Type:	Municipal and Private Water Works		
Address:			
Full Address:			
Full PDF Link:			

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No:	7598-94TRX3	***MOE District:***	
Approval Date:	2013-02-26	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2553-8VDQUF-14.pdf		

Site: ***Minto Developments Inc.***
City of Cumberland Cumberland ON K1R 7Y2

Database: ***ECA***

Approval No:	8074-4QDP4P	***MOE District:***	
Approval Date:	2000-10-25	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	City of Cumberland		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/7524-4Q9KXY-14.pdf		

Site: ***City of Ottawa***
Navan Road Ottawa ON K1S 5K2

Database: ***ECA***

Approval No:	2148-5PNPTW	***MOE District:***	
Approval Date:	2003-07-25	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-Municipal Drinking Water Systems		
Project Type:	Municipal Drinking Water Systems		
Address:	Navan Road		
Full Address:			
Full PDF Link:			

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No:	1720-AKJGKQ	***MOE District:***	
Approval Date:	2017-03-24	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	

Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1769-AKEQQZ-14.pdf		

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No:	3128-AQGJ6T	***MOE District:***	
Approval Date:	2017-08-23	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:			
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/4569-AQCRKJ-14.pdf		

Site: ***City of Ottawa***
Navan Rd Ottawa ON K2G 6J8

Database: ***ECA***

Approval No:	7659-ALUK3A	***MOE District:***	
Approval Date:	2017-05-11	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	Navan Rd		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/2093-ALCKN7-14.pdf		

Site: ***KNL Developments Inc.***
Goulbourn Forced Rd (Lots 6-9, Concessions 2-3) Ottawa ON K1G 2H5

Database: ***ECA***

Approval No:	3922-ANCHV3	***MOE District:***	
Approval Date:	2017-08-18	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS		
Address:	Goulbourn Forced Rd (Lots 6-9, Concessions 2-3)		
Full Address:			
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/7032-AMANPD-14.pdf		

Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No:	8605-AYUHJG	***MOE District:***	
Approval Date:	2018-05-30	***City:***	
Status:	Approved	***Longitude:***	
Record Type:	ECA	***Latitude:***	
Link Source:	IDS	***Geometry X:***	
SWP Area Name:		***Geometry Y:***	

Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/7723-AYKNXD-14.pdf

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Site: ***City of Ottawa***
Brian Coburn Blvd Navan Road Ottawa ON K2G 6J8

Database: ***ECA***

Approval No: 3536-AZPKY6
Approval Date: 2018-06-29
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address: Brian Coburn Blvd Navan Road
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/9726-AZERBS-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 6142-BEJHCE
Approval Date: 2019-08-01
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X: -8403007.4223
Geometry Y: 5691058.511699997
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/0892-BDSKVQ-14.pdf

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Site: ***Minto Communities Inc.***
Ottawa ON K1P 0B6

Database: ***ECA***

Approval No: 7661-ABCKQL
Approval Date: 2016-06-30
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS
Address:
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/5664-AB4KGV-14.pdf

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Site: ***The Corporation of the City of Ottawa***
Brian Coburn Boulevard Ottawa ON K2G 7E6

Database: ***ECA***

Approval No: 1230-A4LPM6
Approval Date: 2015-12-02
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:
Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS
Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS

Address: Brian Coburn Boulevard
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2099-A48M46-14.pdf

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Site: ***OTTAWA-CARLTON, REGIONAL MUN OF***
REGIONAL ROAD #28 (NAVAN ROAD) C/O 175 LORETTA AVENUE NORTH OTTAWA ON K1Y 2Z7

Database: ***GEN***

Generator No: ON0303100
Status:
Approval Years: 88,89,90
Contam. Facility:
MHSW Facility:
SIC Code: 8351
SIC Description: EXEC./LEGIS. ADMIN.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

Site: ***OTTAWA-CARLTON, REGIONAL MUNIPALITY OF***
REGIONAL ROAD #28 (NAVAN ROAD) BETWEEN NAVAN AND SARSFIELD CUMBERLAND ON

Database: ***GEN***

Generator No: ON0303100
Status:
Approval Years: 92,93
Contam. Facility:
MHSW Facility:
SIC Code: 8351
SIC Description: EXEC./LEGIS. ADMIN.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

Site: ***OTTAWA-CARLTON, REGIONAL MUN OF 29-004***
REGIONAL ROAD #28 (NAVAN ROAD) C/O 175 LORETTA AVENUE NORTH OTTAWA ON K1Y 2Z7

Database: ***GEN***

Generator No: ON0303100
Status:
Approval Years: 94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 8351
SIC Description: EXEC./LEGIS. ADMIN.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

Site: ***OTTAWA-CARLTON, REGIONAL MUNICIPALITY OF***
REGIONAL ROAD #28 (NAVAN ROAD) BETWEEN NAVAN AND SARSFIELD CUMBERLAND ON

Database: ***GEN***

Generator No: ON0303100
Status:
Approval Years: 97,98,99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 8351
SIC Description: EXEC./LEGIS. ADMIN.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

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

Database: ***PTTW***

EBR Registry No: 011-7285
Ministry Ref No: 3728-8XZQCD
Notice Type: Instrument Decision
Notice Stage:
Notice Date: January 08, 2014
Proposal Date: October 03, 2012
Year: 2012
Instrument Type: (OWRA s. 34) - Permit to Take Water
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:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

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

Site: ***Burnside Sand & Gravel Limited***
Lots 6 7 and 8, Concession 4, City of Ottawa CITY OF OTTAWA ON

Database: ***PTTW***

EBR Registry No: 011-7053
Ministry Ref No: 7358-8XFPY5
Notice Type: Instrument Decision
Notice Stage:
Notice Date: September 04, 2012
Proposal Date: August 27, 2012
Year: 2012
Instrument Type: (OWRA s. 34) - Permit to Take Water
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:

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Site Location Details:

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

Site: ***Minto Communities Inc.***
ON

Database: ***PTTW***

EBR Registry No: 012-0928
Ministry Ref No: 8538-9EZNF6
Notice Type: Instrument Decision
Notice Stage:

Decision Posted:
Exception Posted:
Section:
Act 1:

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

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

Site: ***Minto Communities Inc.***
ON

Database: ***PTTW***

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

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

Site: ***Minto Communities Inc.***
ON

Database: ***PTTW***

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

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

Comment Period:
URL:

Site Location Details:

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

Site: ***PERMANENT CONCRETE***
REGIONAL RD. 28, 1 MI. E. OF NAVAN NAVAN PLANT LOT 9, CONCESSION 6 CUMBERLAND TWP. ON

Database: ***SPL***

Ref No:	13090	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	12/23/1988	***Health/Env Conseq:***	
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:***	
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:		***SAC Action Class:***	
Incident Reason:	CORROSION	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:			
Contaminant Qty:			

Site: ***Taggart Construction Limited***
Findlay Creek Subdivision Ottawa ON

Database: ***SPL***

Ref No:	4066-82SU3T	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Discharge Or Bypass To A Watercourse	***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:	43	***Nearest Watercourse:***	
Contaminant Name:	SEDIMENT(SUSPENDED SOLIDS/ SAND/ SILT)	***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:		***Site Region:***	
Environment Impact:	Confirmed	***Site Municipality:***	
Nature of Impact:	Surface Water Pollution	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	Planned Field Response	***Easting:***	
Dt MOE Arvl on Scn:	2/19/2010	***Site Geo Ref Accu:***	
MOE Reported Dt:	2/18/2010	***Site Map Datum:***	
Dt Document Closed:		***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	***Source Type:***	
Site Name:	Findlay Creek<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Taggart Construction: sediment to Findlay Creek		
Contaminant Qty:	90 min (duration)		

Site: ***NAVRO INC***
ON MR. CALLAHAN PROPERTY NAVAN ROAD GLOUCESTER PLANT NAVAN ROAD GLOUCESTER CITY ON

Database: ***SPL***

Ref No:	2118	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	4/5/1988	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CONTAINER 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:***	20105
Nature of Impact:		***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	4/5/1988	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	NAVRO INC - UNKNOWN AMOUNTH OF LATEX PAINT LEAK TO NEXT DOOR LAND		
Contaminant Qty:			

Site: ***PERMANENT CONCRETE***
REGIONAL RD. 28, 1 MI. E. OF NAVAN NAVAN PLANT LOT 9, CONCESSION 6 OTTAWA CITY ON

Database: ***SPL***

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
Nature of Impact:	SOIL CONTAMINATION	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
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:			
Incident Summary:	PERMANENT CONCRETE - 2,000 L GASOLINE TO GROUND FROM TANK.		
Contaminant Qty:			

Site: ***City of Ottawa and Page Road Ottawa ON***

Database: ***SPL***

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:	N	***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
Contaminant Qty: 74 m³

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

Database: ***SPL***

Ref No:	7584-BB3KRQ	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	4/4/2019	***Health/Env Conseq:***	
Year:		***Client Type:***	Corporation
Incident Cause:		***Sector Type:***	
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:		***Site Address:***	
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
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***

Database: ***SPL***

Ref No:	99650	***Discharger Report:***	
Site No:		***Material Group:***	

Incident Dt:	5/9/1994	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	PIPE/HOSE 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:	NOT ANTICIPATED	***Site Municipality:***	20601
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	5/9/1994	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	MATERIAL FAILURE	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	BFI- 45 L OF HYDRAULIC FLUID TO ROADWAY FROM BROKEN LINE.		
Contaminant Qty:			

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: Provincial AAGR

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

Government Publication Date: Sept 2002*

Aggregate Inventory: Provincial AGR

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

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System: Provincial AMIS

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites: Private ANDR

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

Government Publication Date: 1860s-Present

Aboveground Storage Tanks: Provincial AST

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

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies: Private AUWR

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

Government Publication Date: 1999-Dec 31, 2020

Borehole: Provincial BORE

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval: Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities: Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2018

Commercial Fuel Oil Tanks: Provincial CFOT

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

Government Publication Date: 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 (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

Compressed Natural Gas Stations: Private CNG

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

Government Publication Date: Dec 2012 -Dec 2020

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

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions: Provincial CONV

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

Government Publication Date: 1989-Nov 2020

Certificates of Property Use: Provincial CPU

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

Government Publication Date: 1994-Jan 31, 2020

Drill Hole Database: Provincial DRL

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks: Provincial DTNK

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Jul 31, 2020

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011-Dec 31, 2020

Environmental Registry: Provincial EBR

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

Government Publication Date: 1994-Jan 31, 2020

Environmental Compliance Approval: Provincial ECA

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

Government Publication Date: Oct 2011- Dec 31, 2020

Environmental Effects Monitoring: Federal EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches: Private EHS

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

Government Publication Date: 1999-Oct 31, 2020

Environmental Issues Inventory System: Federal EIIS

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event: Provincial EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2019

List of Expired Fuels Safety Facilities: Provincial EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.
Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Sep 2020

Fisheries & Oceans Fuel Tanks: Federal FOFT

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

Government Publication Date: 1964-Sep 2019

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

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

Government Publication Date: May 31, 2018

Fuel Storage Tank: Provincial FST

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

Government Publication Date: Jul 31, 2020

Fuel Storage Tank - Historic: Provincial FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary: Provincial GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Jul 31, 2020

Greenhouse Gas Emissions from Large Facilities: Federal GHG

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

Government Publication Date: 2013-Dec 2018

TSSA Historic Incidents: Provincial HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks: Federal IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks: Provincial INC

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

Government Publication Date: Jul 31, 2020

Landfill Inventory Management Ontario: Provincial LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations: Private MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences: Provincial MNR

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

Government Publication Date: 1846-Jan 2020

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

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

Government Publication Date: 1974-1994*

Non-Compliance Reports: Provincial NCPL

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

Government Publication Date: Dec 31, 2018

National Defense & Canadian Forces Fuel Tanks: Federal NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills: Federal NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites: Federal NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents: Federal NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Dec 31, 2020

National Energy Board Wells: Federal NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES): Federal NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003*

National PCB Inventory: Federal NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008*

National Pollutant Release Inventory: Federal NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells: Private OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Aug 31, 2020

Ontario Oil and Gas Wells: Provincial OOGW

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

Government Publication Date: 1800-Jun 2020

Inventory of PCB Storage Sites: Provincial OPCB

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

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

Orders: Provincial ORD

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

Government Publication Date: 1994-Jan 31, 2020

Canadian Pulp and Paper: Private PAP

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

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

Parks Canada Fuel Storage Tanks: Federal PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register: Provincial PES

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

Government Publication Date: Oct 2011-Dec 31, 2020

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Oct 31, 2020

Private and Retail Fuel Storage Tanks: Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water: Provincial PTTW

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

Government Publication Date: 1994-Jan 31, 2020

Ontario Regulation 347 Waste Receivers Summary: Provincial REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-2016

Record of Site Condition: Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.
RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

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

Retail Fuel Storage Tanks: Private RST

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

Government Publication Date: 1999-Dec 31, 2020

Scott's Manufacturing Directory: Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills: Provincial SPL

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

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

Wastewater Discharger Registration Database: Provincial SRDS

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks: Private TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks: Federal TCFT

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

Government Publication Date: 1970 - Dec 2020

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Jul 31, 2020

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011-Dec 31, 2020

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

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

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: Apr 30, 2020

Definitions

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

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

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

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

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

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

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

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

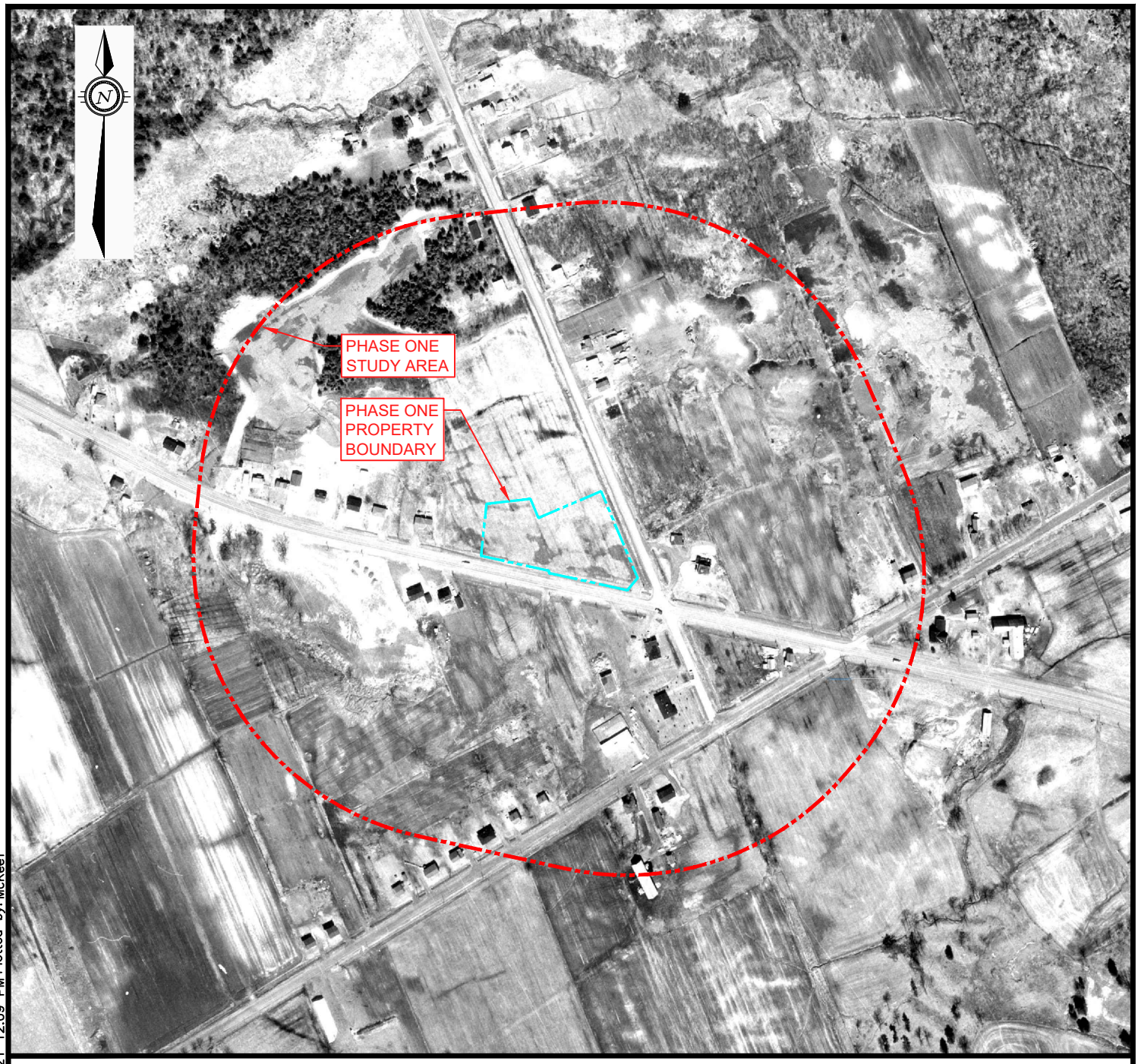
'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

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

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

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

Appendix F: Aerial Photographs



LEGEND

PROPERTY BOUNDARY

STUDY AREA (250m)

0 50m 100m 200m

HORIZONTAL 1:5,000

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

DATE: MARCH 2021	CLIENT: H & H GAS ORLEANS INC.	project no. OTT-21004743-A0
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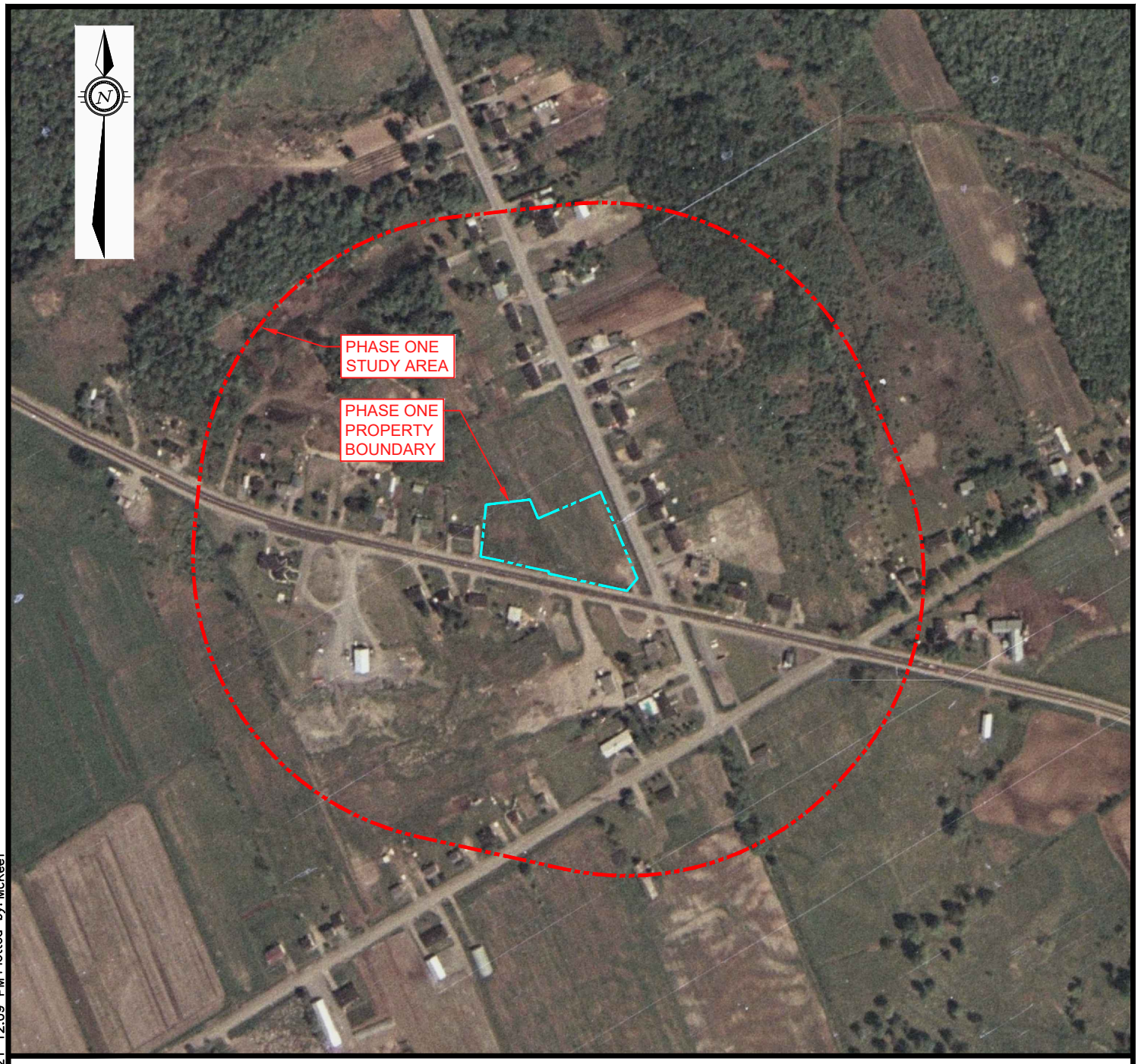

LEGEND

PROPERTY BOUNDARY

STUDY AREA (250m)

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Ottawa, ON K2B 8H6, Canada

DATE: MARCH 2021	CLIENT: H & H GAS ORLEANS INC.	project no. OTT-21004743-A0
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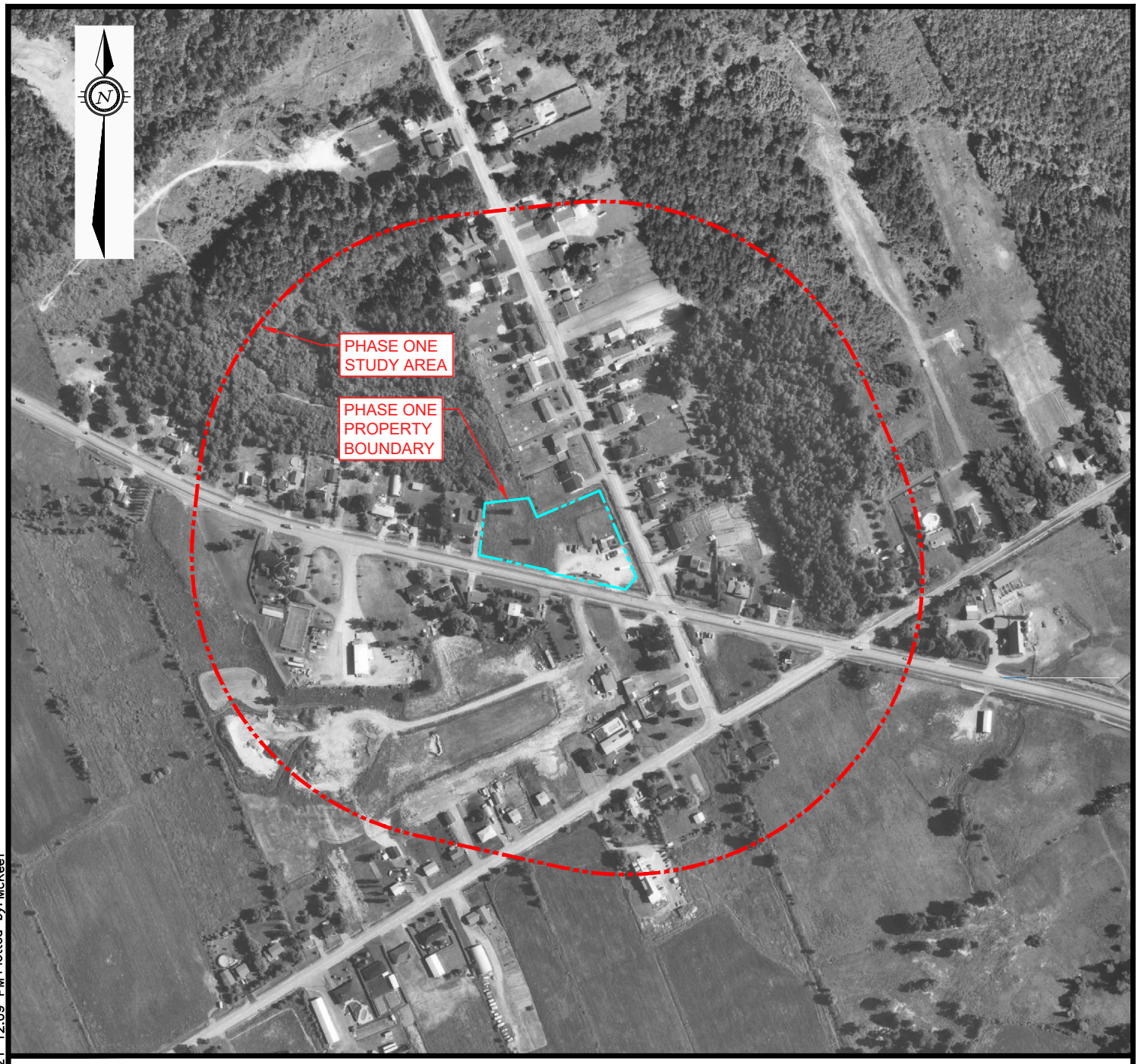

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DATE: MARCH 2021	CLIENT: H & H GAS ORLEANS INC.	project no. OTT-21004743-A0
DESIGN: LW / CHECKED: PS		scale: 1:5,000
DRAWN BY: TM	TITLE: 1991 AERIAL PHOTOGRAPH 3053 & 3079 NAVAN ROAD, ORLEANS, ONTARIO	FIG F3

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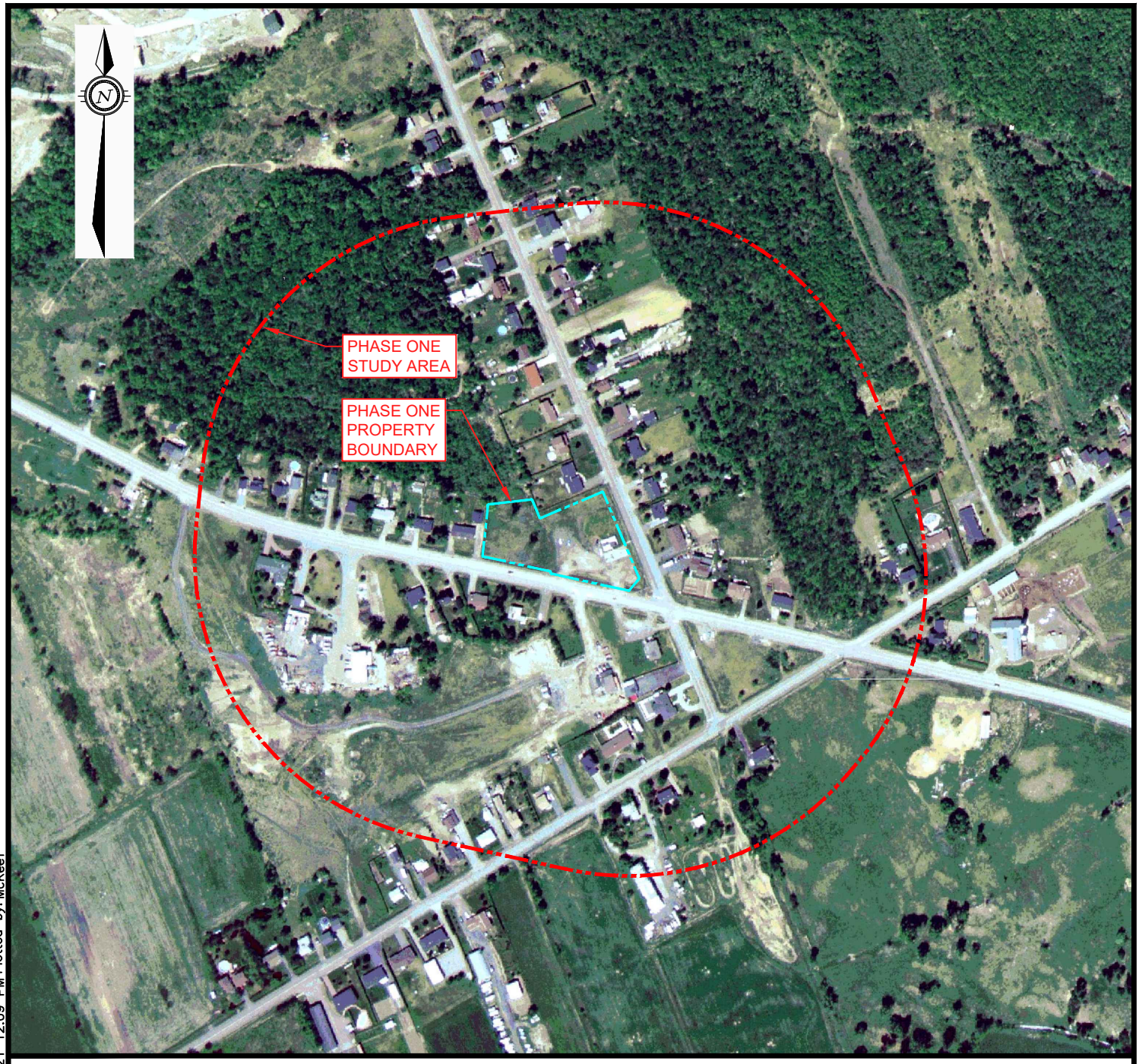

LEGEND

PROPERTY BOUNDARY

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DATE: MARCH 2021	CLIENT: H & H GAS ORLEANS INC.	project no. OTT-21004743-A0
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DRAWN BY: TM	3053 & 3079 NAVAN ROAD, ORLEANS, ONTARIO	FIG F4

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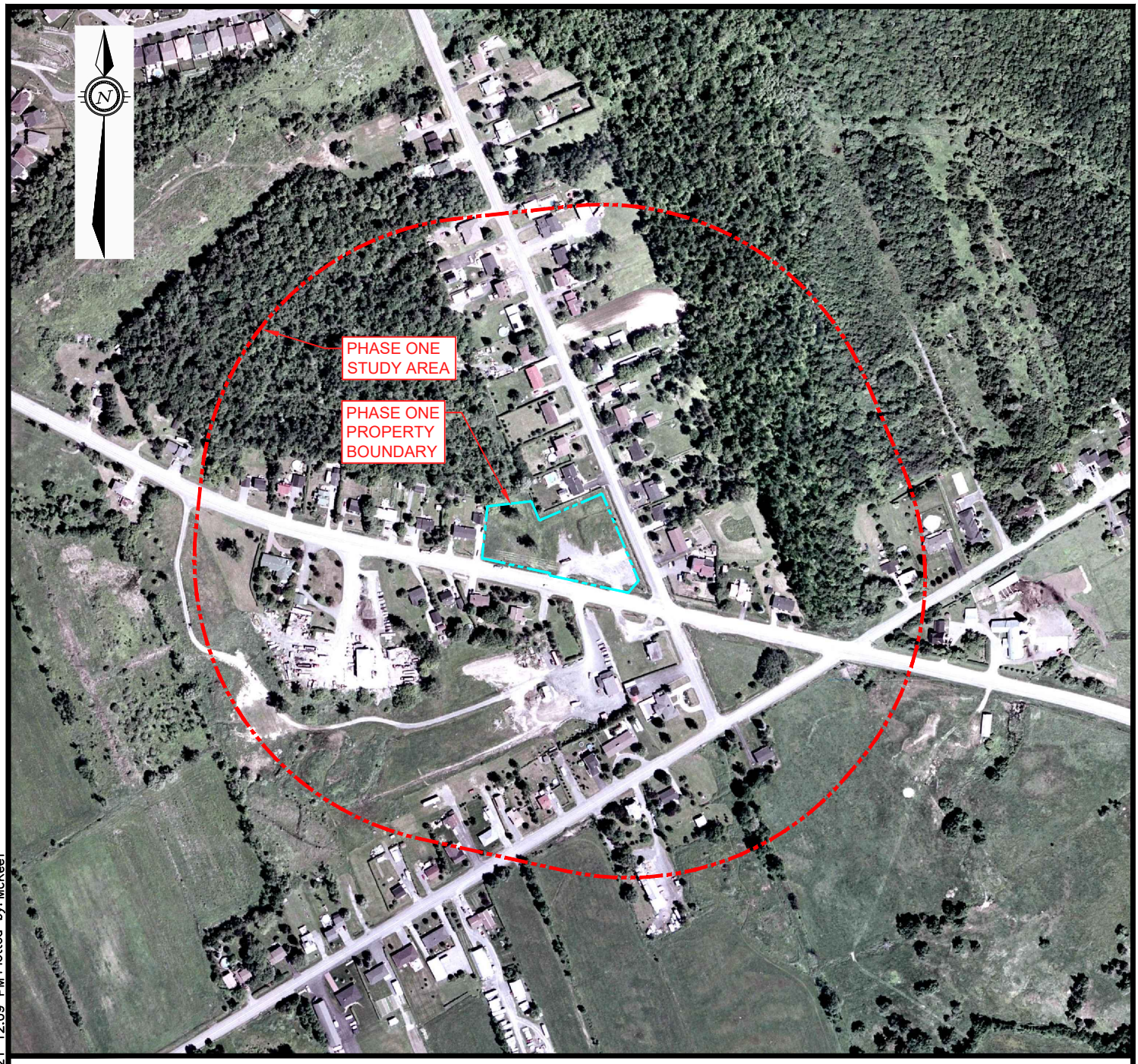

LEGEND

PROPERTY BOUNDARY

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Ottawa, ON K2B 8H6, Canada

DATE: MARCH 2021	CLIENT: H & H GAS ORLEANS INC.	project no. OTT-21004743-A0
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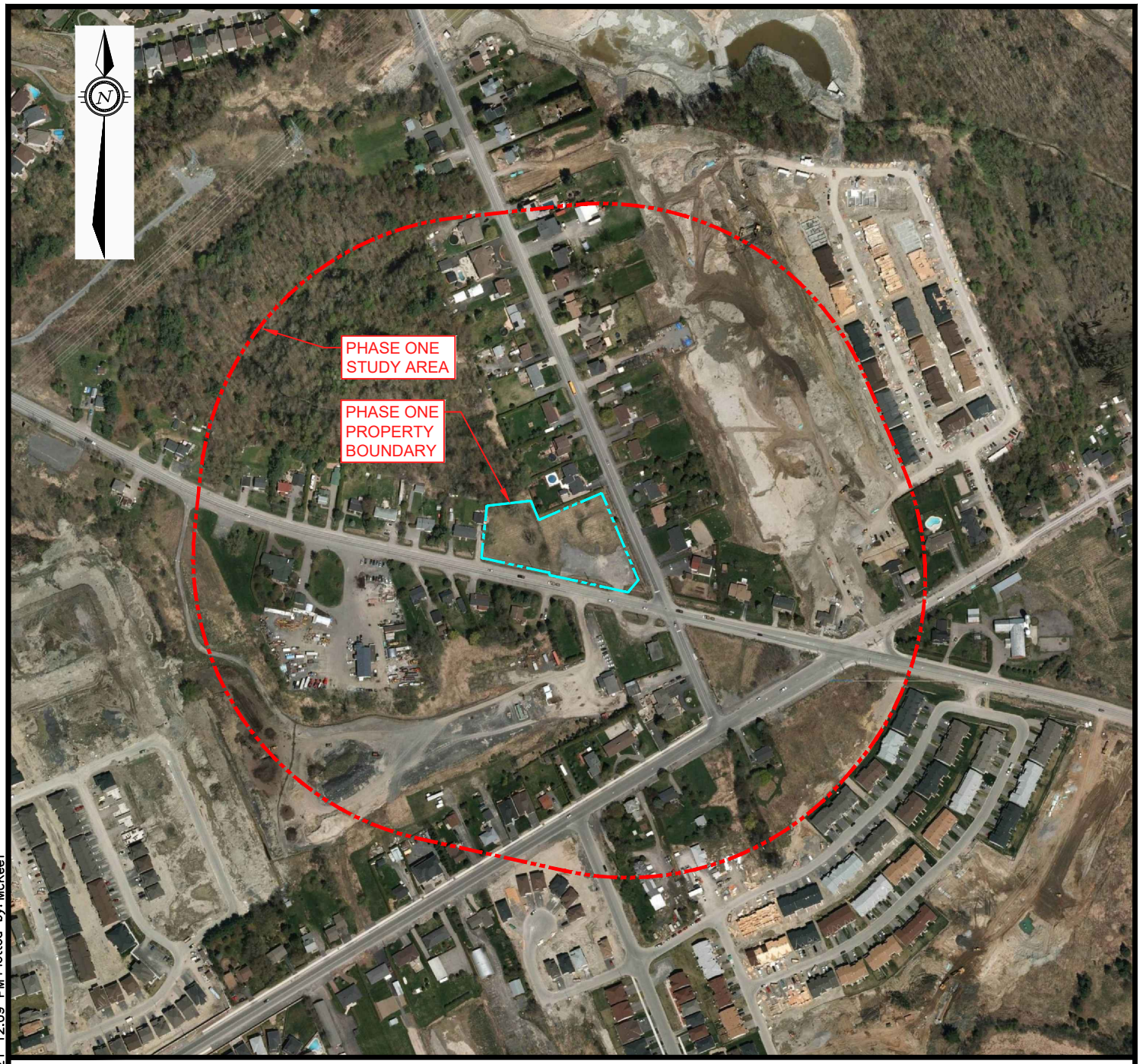

LEGEND

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0 50m 100m 200m

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2650 Queensview Drive, Suite 100
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DATE: MARCH 2021	CLIENT: H & H GAS ORLEANS INC.	project no. OTT-21004743-A0
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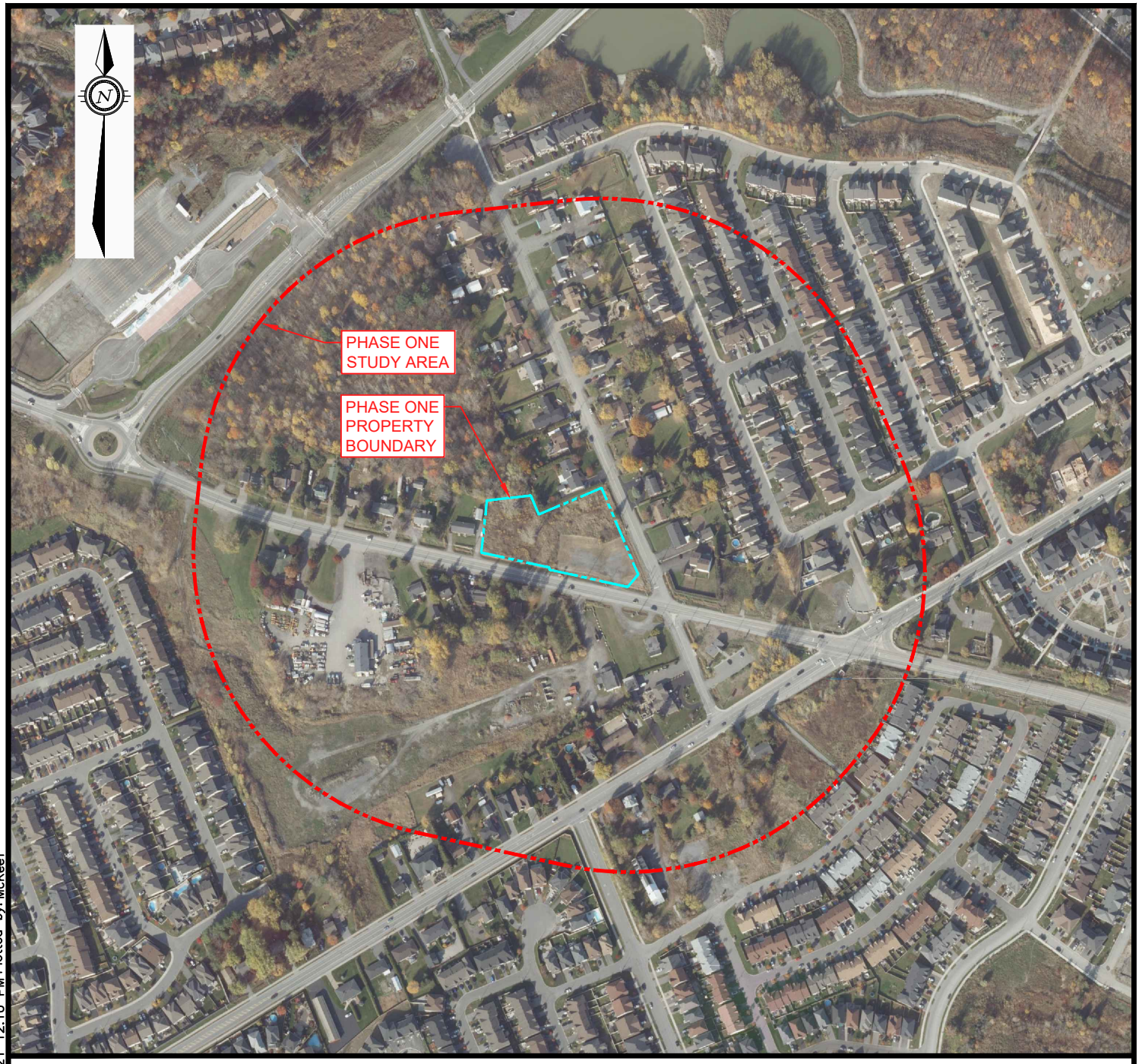

LEGEND

PROPERTY BOUNDARY

STUDY AREA (250m)

0 50m 100m 200m

HORIZONTAL 1:5,000

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2650 Queensview Drive, Suite 100
Ottawa, ON K2B 8H6, Canada

DATE: MARCH 2021	CLIENT: H & H GAS ORLEANS INC.	project no. OTT-21004743-A0
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DRAWN BY: TM	TITLE: 2019 AERIAL PHOTOGRAPH 3053 & 3079 NAVAN ROAD, ORLEANS, ONTARIO	FIG F7

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Appendix G: Site Photographs

Photograph No. 1

View of west part of Site looking north.

Photograph No. 2

View of south part of Site looking east.

Photograph No. 3

View of the north part of the Site looking west.

Photograph No. 4

View of adjacent properties to the south.

Photograph No. 5

View of adjacent vacant property to the north.

Photograph No. 6

View of Laurent Leblanc Ltd., west of Site