PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

5497 MANOTICK MAIN STREET, OTTAWA, ONTARIO

Prepared For:

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Client: 12213559 Canada Inc.
Date: September 20, 2021
Project #: 11462

I. EXECUTIVE SUMMARY

I.I LOCATION

The phase one property is located at 5497 Manotick Main Street, Ottawa, Ontario (herein referred to as the “the Site”). The site is situated on the north side of Manotick Main Street and west of Highcroft Drive, in the City of Ottawa, Ontario.

I.II USE

The site was occupied by a single storey residential building located centrally on the site. Until May 2020 the site had served for a period of time as a commercial real estate brokerage (Solid Rock Realty). The first building occupied use of the Site was residential in the late 1940s or early 1950s. The site use stayed residential until 1998. In 1998 the Site was classified as mixed residential and commercial use and was occupied by Langevin Learning Services Inc. Prior to 1959, the site use was likely vacant or used for agricultural purposes. The site building was located centrally on the Site, the south portion of the Site is covered in asphalt and served as a parking area for clients and employees. The east, west and north areas of the Site property were covered in grass vegetation, shrubs or trees. Driveway access to the property was from the south.

Residential properties are located to the west. The adjoining properties to the east appear commercial in nature including a multi-tenant commercial plaza. The neighbouring properties to the south and across Main Street appeared to be commercial in use.

I.III HISTORY

AEL undertook a site history using a number of sources including historical mapping, aerial photographs and other sources as available. Historical evidence indicates that the 5497 Manotick Main Street property was first owned by an individual in 1854, likely for residential use. Aerial photos obtained from the National Air Photo Library (NAPL) show evidence of residential development on the property by 1959 and indicate that the surrounding property use was historically residential to the north, south, east and west. Prior the first development the site was crown land, likely vacant or used for agricultural purposes, until initial development of the area. Surrounding land were developed around the same time.

I.IV FIELD AND OFFICE WORK

AEL office work consisted of a review of selected historical documents and aerial photographs, titles, and other information. An owner interview was completed online. Information requests were made with various governmental departments in compliance with Ontario Regulation 153/04.

I.V OPINION

Based on all the work completed to date, AEL were of the opinion that there was no need to investigate the site further, based on the data reviewed at time of reporting, and a Phase two ESA is not recommended.

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1. INTRODUCTION

1.1 PHASE ONE PROPERTY INFORMATION

1.1.1 LOCATION

The phase one property is located at 5497 Manotick Main Street, Ottawa, Ontario and was herein referred to as "the Site". The Site is situated on the northeast side of Manotick Main Street, northwest side of Bridge Street, and south of Rideau River, in the City of Ottawa, Ontario.

The site has an area of approximately 2,164 m^2 (0.216 Ha), according to estimates from the Geowarehouse on-line property database. The site is located in a mixed area of residential and commercial land use as determined from site reconnaissance and records review. Figure 1 shows the phase one site and study area.

1.1.2 LEGAL DESCRIPTION

Based on a title review the property has a legal description of:

PT LTS 3 & 4, PL 547, BEING PART 2, 4R8159; NORTH GOWER.

The Property Identification Number (PIN) is 04588-0194. The Roll Assessment number of the property containing the site is 061418381500300.

1.1.3 GEOGRAPHIC CENTER

The property was centred on approximately 18T 446,055 m east, 5,008,451 m north and was at a surface elevation of about 85 metres above sea level (m asl) according to contour maps from Land Information Ontario (LIO).

1.1.4 OWNER

The owner of record for the phase one property was:

12213559 Canada Inc.
996B St Augustin Road
Embrun, ON K0A 1W0
Attention: Eric Brisson
eric.brisson@oligogroup.com
613-978-4123

1.1.5 CLIENT

The client of record was:

12213559 Canada Inc.
996B St Augustin Road
Embrun, ON K0A 1W0
Attention: Eric Brisson
eric.brisson@oligogroup.com
613-978-4123

1.2 PHASE ONE ENVIRONMENTAL SITE ASSESSMENT INITIATION

The client engaged AEL Environment (AEL) to carry out an Ontario Regulation (O. Reg.) 153/04 compliant phase one environmental site assessment (ESA) for the site, known as 5497 Manotick Main Street, Ottawa, ON. The client authorized the project in June 2021.

1.3 USE OF THE REPORT

The report is for the use of the client and AEL only in accordance with the terms of reference, during a 2021 site evaluation. The study was part of the client's work to complete an environmental assessment of the site for the purpose of legal segregation of the property. Additional studies may be required as a result of this report to address issues not specifically identified in the terms of reference of the report.

1.4 APPLICABILITY

Further as to use, the report may omit or not consider issues which may be important to the reader or deal with issues to the extent sought by the reader. Others with an interest in the site must undertake their own investigations and studies when considering site conditions discussed in this report. Neither AEL nor its officers know of any conflicts of interest AEL has respecting the site or the owner of the site.

1.5 FOLLOW UP

The report was prepared on the understanding and assumption that any work recommended or required, and any materials found will be completed and dealt with in accordance with any applicable law.

1.6 LIMITATIONS

The report was completed for the sole use of AEL and the client in a 2021 site evaluation stage. Others with an interest in the site must decide on the site conditions and conduct their own investigations to determine how or if the site affects them.

1.7 ASSESSOR

The geo-environmental engineering consulting firm of:

AEL environment

A division of Aeon Egmond Ltd.
1705 Argentia Road, Unit 3
Mississauga ON L5N 3A9
Telephone: 416-657-2367

Attention: Charna Kozole, P. Eng., Qualified Person

1.8 PHASE ONE ESA FORMAT

The ESA, as prepared herein, for those portions completed for the project shall be in accordance with O. Reg. 153/04.

2. SCOPE OF INVESTIGATION

2.1 TERMS OF REFERENCE

The proposed scope of work (SOW) for the project and assumptions used to base the timing and cost estimates on were as follows:

- Carry out a phase one ESA to investigate the potential environmental legacy of the site.
- Carry out site investigations and records review from sources such as (but not necessarily including) existing reports by others (to be supplied by the client), historical maps, historical documents, title search, government and other information in consideration of various protocols, and other sources as could be developed within the investigation time frame.
- Carry out site reconnaissance and interviews.
- Evaluate the information gathered from the records review, interviews and site reconnaissance.
- Prepare a phase one ESA report outlining the findings and provide comments based on the findings as well as using information available to AEL received on or before the completion date of the report.
- A qualified person shall ensure that the phase one ESA meets the requirements of Schedule D of O. Reg. 153/04.
- Denial of access to a qualified person, or someone supervised by a qualified person, to a structure or building or to any other part of the phase one property or any area under the phase one property, for any reason other than safety or inaccessibility, is an impediment that precludes meeting the general or specific objectives, components or requirements of a phase one ESA.
- The client shall be responsible for providing AEL with a current site survey showing any current building(s) and site configuration prior to a Record of Site Condition (RSC) submission.
- All matters not listed in the terms of reference or general conditions are specifically excluded from AEL's responsibilities and reporting.

2.2 PHASE ONE ESA STANDARD

AEL followed the general procedures set out in O. Reg. 153/04 (as amended) to carry out the phase one ESA. AEL retains the sole discretion to increase or decrease the scope of the work based on the ongoing findings.

2.3 HISTORICAL SITE DOCUMENTS

AEL retained a private search firm to search various government and related agency archives to develop information related to the environmental legacy at the site. AEL further reviewed historical mapping and aerial photographs (See Figure 2a-k). The results of searches of Ecolog ERIS records are presented in Appendix 1. The titles search is presented in Appendix 2. Responses received from government agency requests are presented in Appendix 3.

2.4 MUNICIPAL POTABLE WATER USE

AEL made inquiries on behalf of the client with the municipality that has authority under the Municipal Act, 2001 to pass by-laws respecting water production, treatment and storage (City of Ottawa) regarding the application of non-potable water criteria at the site. The City of Ottawa indicated that there are several private drinking water wells within 250 m of the site, due to the presence of private water drinking wells within the immediate vicinity of the site, City of Ottawa objects to the use of non-potable groundwater standards and considers the site to be subjected to potable water clean-up standards. AEL has assumed for reporting purposes that the site to be in an area of potable water use for standard comparison, if a Phase Two ESA is required.

3. RECORDS REVIEW

3.1 GENERAL

3.1.1 PHASE ONE STUDY AREA DETERMINATION

The phase one study area included properties that were located, wholly or partly, within 250 meters from the nearest point on a boundary of the phase one property.

3.1.2 FIRST DEVELOPED USE DETERMINATION

A qualified person reviewed material provided by the client and photos obtained from other sources (e.g. government and private agency databases, Google Earth). Historical evidence indicates that the 5497 Manotick Main Street property was first owned by an individual in 1854, likely for residential use. Aerial photos obtained from the National Air Photo Library (NAPL) show evidence of residential development on the property by 1959 and indicate that the surrounding property use was historically residential to the north, south, east and west. Prior the first development the site was crown land, likely vacant or used for agricultural purposes, until initial development of the area. Surrounding land were developed around the same time.

3.1.3 FIRE INSURANCE PLANS

Fire Insurance Plans from 1897 and 1907 for Manotick were available for review, however, neither of the plans had coverage of the site. The fire insurance plans covered surrounding lands southeast of the site. The full plan is found in Appendix 1.

Table 3-1 Summary of Fire Insurance Plans

Date	Source	Address	Relevant information
1897 & 1908	Manotick. Firemap Sheet 1	475 Manotick Main Street	• A general store and a post office were present.
1897 & 1908	Manotick, Firemap Sheet 1	150 Tighe Street	• A hotel was present on site.
1897 & 1908	Manotick, Firemap Sheet 1	132 Tighe Street	• Drive shed present on site, likely for the storage of farming machinery for the agricultural land east of 132 Tighe Street.

3.1.4 CHAIN OF TITLE

AEL prepared an up-to-date chronological chain of title that shows the owners' names and dates of ownership for the phase one property based on a search of title that goes back to the date of the first developed use of the phase one property (to patent) (see Appendix 2). Table 3-2, below, summarizes the chain of title for the phase one property.

Table 3-2 Chain of Title: PIN 04588-0194

Date of Transfer	From	To	Relevant Information
No Date	Crown	John Harvey	
May 19, 1854	John Harvey	Daniel Cameron	

Table 3-2 Chain of Title: PIN 04588-0194			
Date of Transfer	**From**	**To**	**Relevant Information**
Jan 19, 1856	Sheriff Fraser	Philip Thompson	
Nov 16, 1858	Philip Thompson	Daniel Cameron	
March 12, 1873	Daniel Cameron	Murdock Cameron	
Sept 10, 1912	Murdock Cameron	Daniel A. Cameron	
June 9, 1950	Daniel A. Cameron	Doris A. Craig	
Nov 19, 1951	Doris Craig	Leonard J. Mills	
Oct 18, 1956	Leonard J. Mills	George E. Mclean, Annie J. Mclean	
May 29, 1957	George E. Mclean, Annie J. Mclean	Naomi C.A. Jackson	
Oct 2, 1957	Naomi C.A. Jackson	Henry A.C. Jackson, Coralie A.Jackson	
July 15, 1981	A Irene Jackson	Coralie A. Jackson	
Oct 31, 1990	Wilfred R. Bolvin	Suzanne Lillian McNeil	
June 30, 1998	Suzanne Lillian McNeil	Langevin Learning Services Inc.	
July 31, 2001	Langevin Learning Services Inc.	Nancy Verna Chevrier, Trudy Ellen Garland	
Sept 23, 2010	Nancy Verna Chevrier, Trudy Ellen Garland (Partial Interest)	Albert Craig Houle	
Oct 4, 2010	Albert Craig Houle (Partial Interest)	Suzanne Lillian Boivin	
Oct 7, 2010	Nancy Verna Chevier, Suzanne Lillian Boivin	Jette Dekker	
July 23, 2020	Jette Dekker	12213559 CANADA INC	Current Owner

3.1.5 NEIGHBOURING PROPERTIES – CITY DIRECTORY SEARCH

AEL used a private search company, Environmental Risk Information Services (ERIS) to conduct a search of available city directories for the site and select neighbouring properties including those properties directly adjacent to the site. The search results are summarized in Table 3-3, below, and can be seen in Appendix 1.

Based on the search results provided by ERIS, the site has been in area of residential use since at least 1959.

Table 3-3 City Directory Search Results			
Date	**Address**	**Occupant/Activity**	**Possible Consequences/Areas of Concern**
1992	5497 Manotick Main Street	Not listed	
	5494 Manotick Main Street	Not listed	
	5495 Manotick Main Street	Not listed	
	5501 Manotick Main Street	Not listed	
	5510 Manotick Main Street	Not listed	
	5511 Manotick Main Street	Manotick Consumer & Business Electronic Radio Shack Dealer	
1996-97	5497 Manotick Main Street	Not listed	
	5494 Manotick Main Street	Not listed	
	5495 Manotick Main Street	Not listed	
	5501 Manotick Main Street	Not listed	
	5510 Manotick Main Street	Not listed	
	5511 Manotick Main Street	Not listed	
2001-02	5497 Manotick Main Street	Not listed	
	5494 Manotick Main Street	Not listed	
	5495 Manotick Main Street	Not listed	
	5501 Manotick Main Street	Not listed	
	5510 Manotick Main Street	Not listed	
	5511 Manotick Main Street	Not listed	
2005-06	5497 Manotick Main Street	Not listed	
	5494 Manotick Main Street	Not listed	
	5495 Manotick Main Street	Not listed	
	5501 Manotick Main Street	Not listed	
	5510 Manotick Main Street	Not listed	
	5511 Manotick Main Street	Not listed	
2011	5497 Manotick Main Street	Residential or Not Listed	

Table 3-3 City Directory Search Results			
Date	**Address**	**Occupant/Activity**	**Possible Consequences/Areas of Concern**
	5494 Manotick Main Street	- BDO Canada LLP - Newton & Co	
	5495 Manotick Main Street	Residential or Not Listed	
	5501 Manotick Main Street	Residential or Not Listed	
	5510 Manotick Main Street	Residential or Not Listed	
	5511 Manotick Main Street	-Spa Nails -Hard Store Grills -Village Groomer -Milano City Pizza	

3.1.6 ENVIRONMENTAL REPORTS

The following is a list and summary of reports reviewed as referred to in Ontario Regulation 153/04, Schedule D, Part II, including,

i. environmental site assessment reports,

ii. remediation reports,

iii. reports prepared in response to an order or request of the Ministry, and

iv. any other reports relating to the presence of a contaminant on, in or under the phase one property or the existence of an area of potential environmental concern.

AEL was provided with the following reports for review:

- "Property located at 5497 Manotick Main Street, Manotick, Ontario, Phase 1 Environmental Assessment", prepared for Oligo Properties Inc., prepared by St. Lawrence Testing & Inspection Co. Ltd., dated May 28, 2020 (herein referred to as the 2020 Oligo Phase I ESA Report).

AEL was provided a legal survey of the Site indicating property boundaries (See Appendix 4).

3.1.6.1 2020 OLIGO PHASE I ESA REPORT

AEL noted the following information from the report:

- A Phase I Environmental Site Assessment was undertaken by St. Lawrence Testing & Inspection Co. Ltd (St. Lawrence Testing) for a commercial use property located at 5497 Manotick Main Street, Ottawa.
- The site walkover was completed on May 13, 2020, which included an exterior and interior visual inspection of the property. Observations of the adjoining and neighbouring properties were performed from public access areas.
- The Phase I property had one (1) structure, the property had been renovated to serve as a commercial real estate brokerage (Solid Rock Realty).
- The approximate area of the Phase I property was 2560.17 m^2, the property fell within the Village Mixed-Use (VM) 9 zoning for the City of Ottawa.

- The site was developed in the late 1940s or early 1950s and served as a private, residential property.
- Heating for the building was via a natural gas forced warm air furnace. Cooling was via a central air condition unit located on the north side of the building.
- The site was serviced with natural gas. Potable water and sewer access was located to the south along Main Street, however the site utilized a well for potable water and a septic system was present for waste disposal.
- The adjoining properties to the east were commercial in use. Royal Bank of Canada (RBC) was located at 5501 Main Street, along with a strip plaza located at 5511 Main Street. The adjoining property located to the west at 5495 Main Street was a private, residential property. The Rideau River adjoined the property along the north side.
- The neighbouring properties to the south and across Main Street included Coldwell Banker First Ottawa Realty and Manotick Main Dental located at 5500 Main Street and 5494 Main Street respectively.
- The inferred shallow groundwater flow direction was towards Rideau River that adjoins the Site along the north side.
- Aerial photograph taken in 1959 shows evidence of a single structure on the site, the structure appeared to be private, residential house.
- Thirteen (13) records of Expired Fuel Safety Facilities were found for the property located at 5527 Main St. the records mention that the property had liquid fuel tanks and associated piping. St. Lawrence Testing deemed this a low to medium environmental risk to the Site property considering its distance from the Site.
- Fourteen (14) records were found in the Ontario Waste Generators Database within a 250m radius of the Site. Waste generated from these properties include light fuels, waste oil & lubricants, oil skimmings, sludges, acid wastes and aliphatic solvents. St. Lawrence testing deemed this a low environmental risk to the site property, as the generation, handling and disposal of these wastes provincially regulated.
- Three (3) spills were found in the Ontario Spills database, two of the spills occurred at the property located at 5511 Main St. In 1990 500L of furnace oil was spilled, the spill was contained. In 2014 the same property had a natural gas leak. St. Lawrence Testing deemed both these spills as low environmental risk.
- In 2006, a 160 L diesel spill occurred at the intersection of Main Street and Bridge Street located approximately 116m east of the Site. The record of spill stated that soil and water contamination was possible. Due to the proximity of the spill to the Site, St. Lawrence Testing deemed that this spill posed a low to medium environmental risk to the Site.
- The site was serviced with a potable water supply well, according to the Ontario Well Record the well was installed to a depth of 27.4 mbgs in 1952. The well was located near the south side of the building.
- The site was serviced by a private septic system.
- No fill material or stressed vegetation was observed during the site walkover.

3.2 ENVIRONMENTAL SOURCE INFORMATION

AEL used private search company records, ERIS, to review select government records and provide internet searches for others. The records reviewed included the Ontario government records for water well records, fuel tanks, spills reporting and environmental infringements. Not all databases searched are listed below but are presented in Appendix 1.

3.2.1 ENVIRONMENTAL REPORTING

3.2.1.1 NATIONAL POLLUTANT RELEASE INVENTORY (NPRI)

The commercial search found no records for the site or for the surrounding lands within 250 m of the site.

3.2.1.2 CERTIFICATES OF APPROVAL (CA)

The commercial search found no records for the site.

The commercial search found one (1) record for the surrounding lands within 250 m of the site. The record was reviewed, and details can be found in Appendix 1.

The records were reviewed and due to the types of records, distance to the site and/or the inferred direction of groundwater flow, these are not considered a potential environmental liability.

3.2.1.3 ENVIRONMENTAL COMPLIANCE APPROVAL (ECA)

The commercial search found no records for the site or for the surrounding lands within 250 m of the site.

3.2.1.4 ENVIRONMENTAL ACTIVITY AND SECTOR REGISTRY (EASR)

The commercial search found no records for the site or for surrounding lands within 250 m of the site.

3.2.1.5 ENVIRONMENTAL REGISTRY (EBR)

The commercial search found no records for the site or for the surrounding lands within 250 m of the site.

3.2.1.6 NATIONAL PCB INVENTORY (NPCB)

The commercial search found no records for the site or for the surrounding lands within 250 m of the site.

3.2.1.7 INVENTORY OF PCB STORAGE SITES (0PCB)

The commercial search found no records for the site or for the surrounding lands within 250 m of the site.

3.2.1.8 PESTICIDE REGISTER (PES)

The commercial search found no records for the site or for surrounding lands within 250 m of the site.

3.2.2 ENVIRONMENTAL INCIDENT REPORTS

3.2.2.1 ONTARIO SPILLS (SPL)

The commercial search found no records for the site.

The commercial search found three (3) records for surrounding lands within 250 m of the site. The records were reviewed and details can be found in Appendix 1.

5511 Rideau Valley Drive North, located 84.9 m east of the Site, had a 500L furnace oil leak in 1990. Due to the inferred transgradient direction of groundwater flow, this is considered a low potential environmental liability.

The intersection of Manotick and Bridge Street, located 116.2 m southeast of the Site, had a 160L diesel spill to the ground in 2006. Due to the inferred transgradient direction of groundwater flow, this is considered a low potential environmental liability.

The remaining records were reviewed and due to the types of releases, distance to the site and/or inferred direction of groundwater flow these are not considered a potential environmental liability.

3.2.2.2 TSSA INCIDENTS (INC)

The commercial search found no records for the site or for surrounding lands within 250 m of the site.

3.2.2.3 TSSA HISTORIC INCIDENTS (HINC)

The commercial search found no records for the site or for surrounding lands within 250 m of the site.

3.2.2.4 TSSA PIPELINE INCIDENTS (PINC)

The commercial search found no records for the site or for surrounding lands within 250 m of the site.

3.2.3 WASTE MANAGEMENT RECORDS

AEL requested Ecolog ERIS to review waste management records, including current and historical waste storage locations and waste generator and waste receiver information maintained pursuant to Regulation 347 of the Revised Regulations of Ontario, 1990 (General — Waste Management) made under the Act, or its predecessors with respect to the phase one property and any property on, under or adjacent to the phase one property.

3.2.3.1 WASTE DISPOSAL SITES (WDS) – MOE CA INVENTORY

The commercial search found no records for the site or surrounding lands within 250 m of the site.

3.2.3.2 WASTE DISPOSAL SITES (WDSH) – MOE 1991 HISTORICAL APPROVAL INVENTORY

The commercial search found no records for the site or for surrounding lands within 250 m of the site.

3.2.3.3 WASTE DISPOSAL SITES (ANDR) – ANDERSON'S WASTE DISPOSAL SITES

The commercial search found no records for the site or for surrounding lands within 250 m of the site.

3.2.3.4 ONTARIO REGULATION 347 WASTE GENERATORS SUMMARY (GEN)

The commercial search found no records for the site.

The commercial search found fourteen (14) records for surrounding lands within 250 m of the site. The records were reviewed, and details can be found in Appendix 1.

The records were reviewed and due to the types of records, distance to the site and/or inferred direction of groundwater flow, these are not considered a potential environmental liability.

3.2.3.5 ONTARIO REGULATION 347 WASTE RECEIVERS SUMMARY (REC)

The commercial search found no records for the site or for the surrounding lands within 250 m of the site.

3.2.4 FUEL STORAGE TANK INFORMATION

3.2.4.1 FUEL STORAGE TANKS ON THE PHASE ONE STUDY PROPERTY (FST)

The commercial search found no records for the site. It should be noted that the Fuels Safety Division did not register private fuel underground or aboveground tanks prior to January 1990 or furnace oil tanks prior to May 1, 2002. The Fuels Safety Division did not register waste oil tanks in apartments, office buildings, residences, etc. or above ground gas or diesel tanks.

3.2.4.2 FUEL STORAGE TANKS ON ADJACENT PROPERTIES

The commercial search found no records for surrounding lands within 250 m of the site. Details can be found in Appendix 1.

3.2.4.3 FUEL STORAGE TANKS – HISTORIC (FSTH)

The commercial search found no records for the site or for surrounding lands within 250 m of the site.

3.2.4.4 RETAIL FUEL STORAGE TANKS (RST)

The commercial search found no records for the site or for surrounding lands within 250 m of the site.

3.2.4.5 PRIVATE FUEL STORAGE TANKS (PRT)

The commercial search found no records for the site or for surrounding lands within 250 m of the site.

3.2.4.6 TSSA EXPIRED FACILITIES (EXP)

The commercial search found no records for the site.

The commercial search found thirteen (13) records for surrounding lands within 250 m of the site. The records were reviewed, and details can be found in Appendix 1.

The records were reviewed and were all for one locations located 235m down/transgradient to the site, and the due to the inferred direction of groundwater flow and distance, these are not considered a potential environmental liability.

3.2.4.7 DELISTED FUEL TANKS

The commercial search found no records for the site or for surrounding lands within 250 m of the site.

3.2.5 NOTICES AND INSTRUMENTS/ONTARIO BROWNFIELDS REGISTRY

AEL reviewed the applicable document sites kept by the government. The site was not listed during AEL's search.

3.2.6 AREAS OF NATURAL SIGNIFICANCE

AEL reviewed maps by LIO and the municipality and determined the site is situated away from the boundaries of any areas of natural significance.

3.2.7 BUILDING AND ENGINEERING PLANNING RECORDS

No building or engineering planning records were available for review for the site.

3.3 PHYSICAL SETTING SOURCES

3.3.1 AERIAL PHOTOGRAPHS

AEL considered selected aerial photographs for the site. The photographs were collected from the National Air Photo Library (NAPL) and Google Earth (Table 3-4).

The time period between aerial photographs used was based on estimated time of first development of site starting from about 10 years prior and then progressing in approximately 10-year increments. Selected air photos are included as Figures 2a - i.

Table 3-4 Aerial Photographs

Year	Photo Source	Site Features Observed	Neighbouring Property Observation
1936	NAPL	The site property was undeveloped and appeared rural or agricultural in use.	Residential buildings were visible on the neighbouring properties to the east of Bridge Street General area to the south, west and north appeared to be undeveloped and appeared rural or agricultural in use. Current configuration of roads was visible; Main Street was present south of the site, Bankfield Road was present to the southwest of the site. Bridge Street was present east of the site.
1946	NAPL	No significant changes apparent from 1936 aerial photograph.	No significant changes apparent from 1936 aerial photograph.
1959	NAPL	The site property was developed and a single residential property was present.	Adjoining properties to the east and west of the site had been developed residential properties. Residential development had intensified to the east and north of the site.
1965	NAPL	No significant changes apparent from 1959 aerial photograph.	No significant changes apparent from 1959 aerial photograph.
1976	City of Ottawa	No significant changes apparent from 1965 aerial photograph.	Residential development to the south and north of Rideau River had intensified. Commercial development present southeast of the site
1999	City of Ottawa	No significant changes apparent from 1976 aerial photograph.	Residential development has intensified further to the south and northwest of the site. Commercial plaza was visible west of Bridge Street
2004	Google Earth	No significant changes apparent from 1999 aerial photograph.	No significant changes apparent from 1999 aerial photograph.
2008	Google Earth	No significant changes apparent from 2004 aerial photograph.	No significant changes apparent from 2004 aerial photograph
2012	Google Earth	No significant changes apparent from 2008 aerial photograph.	1145 Bridge Street appeared to be under development. Commercial building present east of the site at 5501 Manotick Main Street.

Table 3-4 Aerial Photographs			
Year	**Photo Source**	**Site Features Observed**	**Neighbouring Property Observation**
2016	Google Earth	No significant changes apparent from 2012 aerial photograph.	Development on 1145 Bridge Street appeared to be complete. A multi-tenant commercial building was now present on 1145 Bridge Street.
2021	Google Earth	No significant changes apparent from 2016 aerial photograph.	No significant changes apparent from 2016 aerial photograph.

3.3.2 TOPOGRAPHY, HYDROLOGY, GEOLOGY

3.3.2.1 TOPOGRAPHY

According to LIO, the site at an approximate elevation of 85.88 m asl. The local site topography significantly slopes southwest to northeast towards the river (see Figure 3).

3.3.2.2 PHYSIOGRAPHY

The regional physiography is dominated by the North Gower Drumlin field. It is an area of 390 square kilometres lying in the townships of North Gower, Marlborough, Osgoode, Nepean, and Gloucester. The drumlins possess well-drained stony soil, while the land between the drumlins is covered with clay or silt, as seen in Figure 4.

AEL did not undertake a geotechnical investigation of the site. Upon review of the Ministry of Northern Development and Mine's "Surficial Geology" layer from OGSEarth, the site is in an area of offshore marine deposits, characterized by clay, silty clay and silt, commonly calcareous and fossiliferous; locally overlain by thin sands. Upper parts are generally mottled or laminated reddish brown and bluish grey and may contain lenses and pockets of sand, but at depth clay is uniform. These soils have a higher runoff potential and resist infiltration of fluids due the clay and silt components (see Figure 5a).

3.3.2.3 GEOLOGY

Upon review of the Ministry of Northern Development and Mine's "Bedrock Geology" layer from OGSEarth, the bedrock consists of the Beekmantown Group (Dolostone and Sandstone). Depth to bedrock is anticipated to be between 4 to 10 meters (see Figure 5b).

3.3.2.4 FILL MATERIALS

During site reconnaissance no fill material was observed.

3.3.2.5 WATER BODIES, AREAS OF NATURAL SIGNIFICANCE & GROUND WATER INFORMATION

The closest visible body of water is Rideau River, located <5m north of the site (see Figure 3). Based on local and regional topography the inferred direction of groundwater flow is to the northeast.

There are no parks, reserves or other areas of natural significance within vicinity, in whole or part, of the site (within 250 m).

The site and properties within the phase one study area are not currently serviced by municipally supplied water. Well records searched on the MECP online database found one (1) well record located on the site. There were one-hundred and four (104) well records for wells located on surrounding lands within 250m of the site. Final use of ninety (90) of these wells was listed as domestic or municipal water supply. Eleven (11) was listed as either test holes or monitoring wells, three (3) was listed as abandoned. Due to the large number of potable wells present within 250m of the site, the site has been considered as a potable water site for site standards.

3.3.2.6 WELL RECORDS

The commercial search found one record for the site and one-hundred and four (104) records for the surrounding lands within 250m of the site.

Table 3-5 Wells Within Phase One Site						
Well #	**Location**	**Stratigraphy**	**Depth to Bedrock**	**Well Depth**	**Depth to Water Table**	**Final Well Status**
1506432	**Easting: 446040.8** **Northing: 5008432**	**Clay 0-23 feet** **Gravel 23-38 feet** **Limestone 38-90 feet**	**38 feet**	**90 feet**	**22 feet**	**Domestic water supply**

The commercial search found one-hundred and four (104) well records for surrounding lands within 250 m of the site, Final use of ninety (90) of these wells was listed as domestic or municipal water supply. Eleven (11) was listed as either test holes or monitoring wells, three (3) was listed as abandoned. Details of ten (10) out of hundred and four (104) are listed in Table 3-6, details of the remaining wells can be found in Appendix 1.

Table 3-6 Wells Within Phase One Study Area							
Well #	**Location**	**Distance/Direction to Site**	**Stratigraphy**	**Depth to Bedrock**	**Well Depth**	**Depth to Water Table**	**Final Well Status**
1506434	Easting: 446055 Northing: 5008422	18.8m SW (Downgradient)	Clay 0-23 ft Gravel 23-33 ft Limestone 33-69 ft	33 ft	69 ft	21 ft	Domestic Water supply
1506431	Easting: 446070.8 Northing: 5008402	43.6 SE(Transgradient)	Clay and Boulders 0-15 ft Gravel 15-25 ft Shale 25-40 ft Limestone 40-65 ft	40 ft	65 ft	11 ft	Municipal Water Supply
1506441	Easting: 445990 Northing: 5008422	59.5m WSW (Downgradient)	Clay and Boulders 0-20 ft Clay 20-29 ft Gravel 29-45 ft	Not encountered	45 ft	10 ft	Municipal Water supply
1506469	Easting:445980 Northing:5008437	67.0m West (Downgradient)	Clay and Boulders 0 - 20 ft	20 ft	51 ft	11 ft	Municipal Water Supply

			Limestone 20-51 ft				
1506570	Easting:446095.8 Northing:5008392	67.2m SE (Transgradient)	Clay 0-28 feet Limestone 28-48 feet	28 ft	48 ft	10 ft	Municipal Water Supply
7192436	Easting:446119 Northing:5008459	74.0m ENE (Upgradient)	N/A	N/A	127 ft	N/A	Abandoned
1506442	Easting: 445965 Northing: 5008442	82.1m West (Downgradient)	Clay and boulders 0-32 ft Gravel 32-45ft	Not encountered	45 ft	16 ft	Municipal Water Supply
1516549	Easting: 446129 Northing: 5008421	83.09m East (Upgradient)	Clay 0-29ft Boulders 29-32 ft Limestone 32-56ft	32 ft	56 ft	15 ft	Domestic Water supply
1518655	Easting: 446029 Northing: 5008521	84.0m NNW (Upgradient)	Clay 0-10 ft Gravel 10-43 ft Limestone 43-115 ft Sandstone 115-125 ft	43 ft	125 ft	15 ft	Domestic Water Supply
1506446	Easting: 446029 Northing:5008521	87.4m South (Downgradient)	Clay and Boulders 0-60 ft Limestone 60-100 ft Sandstone 100-125 ft	60 ft	125 ft	50 ft	Domestic Water Supply

3.4 SITE OPERATING RECORDS

Since the phase one property is not an enhanced investigation property, in accordance with clause 32 (3) (a) of the regulation, site operating records were not reviewed.

3.5 GOVERNMENT RECORDS

Contacts with various government agencies were made (Appendix 3), with responses listed below.

3.5.1 MINISTRY OF ENVIRONMENT, CONSERVATION AND PARKS (MECP)

AEL filed a Freedom of Information request with the MECP (formerly the Ministry of the Environment and Climate Change) regarding the site. MECP responded they held no record at this address.

3.5.2 MINISTRY OF LABOUR, TRAINING AND SKILLS DEVELOPMENT (MLTSD)

AEL filed a Freedom of Information request with the MLTSD regarding the site. MLTSD responded they held no records at this address.

3.5.3 THE TECHNICAL STANDARDS AND SAFETY AUTHORITY (TSSA)

AEL filed an information request with the TSSA inquiring on the presence of USTs or ASTs. The TSSA responded they held no records of fuel storage tanks at the address.

3.5.4 CITY OF OTTAWA

AEL filed an information request with the City of Ottawa regarding the site. City of Ottawa provided the following report for review:

3.5.4.1 "SOILS AND HYDROGEOLOGIC INVESTIGATION OF PCE AND PETROLEUM CONTAMINATION VILLAGE OF MANOTICK, PREPARED BY RAVEN BECK ENVIRONMENTAL LIMITED., DATED SEPTEMBER 28, 1994".

AEL noted the following information from the report:

- In December 1991, the Ministry of Environment, Conservation and Parks (MECP), formerly Ontario Ministry of the Environment and Energy (MOEE), collected water samples from four private wells in the downtown core of the Village of Manotick
- Analysis of these initial groundwater samples and subsequent groundwater samples collected throughout Manotick indicated that between 42 and 65 private wells were contaminated with Tetrachloroethylene (PCE) and Benzene above available drinking water standards
- The available data shows that the water supply in the Manotick area has been historically derived from a shallow fractured bedrock aquifer at 5 to 18 mbgs and a deeper fractured bedrock aquifer at 33 to 40 mbgs
- Both the upper and lower aquifers were contaminated with PCE and Benzene above available drinking water standards
- MOEE sampling and analysis of water wells in downtown Manotick for Volatile Organic Compounds (VOCs) dates from December 6, 1991, to January 10, 1994
- The sampling and analysis of the water wells indicated three isolated occurrences of one large, and one small plume of PCE contamination with three isolated occurrences of PCE contamination west of the main plumes
- The large PCE plume had source concentrations exceeding 10,000 µg/L
- The Benzene data from the sampling event that took place from December 6, 1991, to January 10, 1994 showed the presence of two plumes of hydrocarbon contamination in downtown Manotick. One plume source was present at concentrations greater than 1000 µg/L in the vicinity of 5547 and 5549 Main Street. A second plume of much lower concentration (<10µg/L) is centred on 5521 Main Street.
- Investigation completed by the MOEE indicated that the commercial building at 5545 Main Street was formerly Manotick Cleaners, a dry-cleaning operation that operated from the mid-1970s to 1985.
- An underground concrete holding tank was used to store liquid wastes from the dry-cleaning operations and the holding tank was removed in 1985. Upon its removal the tank was reported to be in poor condition and showed evidence of leakage
- Prior to the removal, 205 L drums were used to store waste solvents and disposal of PCE wastes were suspected to be disposed to the building floor drain
- The smaller PCE plume was identified in the area of 5576 Main Street, given the low concentration of PCE in the area, disposal of PCE to septic system was considered the suspected source of the small PCE plume
- Isolated occurrences of PCE at 5641, 5637 and 5641 Whitewood Avenue and at 5598 Whitewood Avenue showed elevated levels of PCE and TCE. This suspected to be caused by disposal and/or use of chlorinated cleaner to septic systems

- Two possible sources of Benzene contamination in groundwater include the former underground fuel storage tank that was removed in 5549 Ann Street in January 1993 and two abandoned-in-place underground fuel storage tanks at 5544 Main Street
- The most significant Benzene plume was centred on 5540 Main Street with peak concentrations exceeding 2000µg/L. The service station at 5549 Main Street appears to be the principal source area for this contamination
- The second Benzene plume was centred at 5521 Main Street but was much less significant with peak Benzene concentrations of less than the current MECP drinking water standard of 5µg/L
- Field investigations by Raven Beck Environmental Limited took place between September 1993 to February 1994
- The soil drilling and sampling program took place over three weeks and during this period a total of 52 overburden boreholes were drilled at different locations throughout the Manotick core area
- Soil samples were collected at 0.75 m intervals. Immediately following sampling, the soil samples were split. Half of each sample was submitted daily to the on-site MOEE Mobile Laboratory for chemical analysis of VOCs. For quality assurance purposes soil samples were submitted to a commercial laboratory for confirmation of VOCs by purge and trap GC/MS
- The second half of each sample was placed in polyethylene zip-lock sample bags and was scanned for headspace combustible vapour and organic vapour concentrations using a Gastechtor Tracetechtor combustible indicator (CGI) and a Photovac Microtip MP-1000 organic vapour photoionization detector (PID)
- Bedrock drilling for the Manotick Study was conducted in two phases: diamond coring and air rotary drilling. The diamond coring program took place over a three-week period from October 4 to 20, 1993. During this period four bedrock boreholes were cored down gradient of known areas of PCE contaminated groundwater
- Once drilling was completed, groundwater was purged from each cored hole using a submersible pump, groundwater collected during well purging was placed in large on-site tankers. Prior to discharge, water samples were submitted for VOC analysis. Where water did not meet Ontario drinking water objectives, purge water was treated with activated carbon filters prior to discharge
- A total of twenty-one (21) groundwater monitoring wells were installed during the field investigations
- Overburden monitoring wells were installed in boreholes, BH-1, BH-8, BH-9, BH-15, BH-17, BH-21, BH-25, BH35, BH-41, BH-50 and BH-51. One standpipe single-level monitoring well was installed in BH-53. Solnist “Waterloo” multi-level monitoring wells were installed in BH-52, BH-54 and BH-56. Standpipe Multi-Level bedrock monitoring wells were installed in BH-57 and BH-62.
- Two completed round of groundwater sampling of all monitoring well intervals were conducted during the field investigations. The groundwater monitoring network consists of 37 bedrock intervals and 11 overburden intervals.
- Groundwater samples were collected using an inertial hand pump for the shallow overburden wells and the bedrock standpipe wells. Samples for the waterloo bedrock wells were collected using high-pressured nitrogen-driven pneumatic stainless-steel pumps.
- Surveys of selected water levels and all groundwater monitoring wells for presence of Non-Aqueous Phase Liquids (NAPLs) were performed. No DNAPL was detected in any of the surveyed wells, LNAPL of 15 cm amber gold petroleum was detected in one private well at 5549 Main Street. A sample of this was collected and analyzed by the MOEE.
- LNAPL surveys were also completed on the installed groundwater monitoring wells. LNAPL as blebs of petroleum product was detected in BH-50 at 5549 Main Street.
- Hydraulic testing was conducted in select monitoring wells to characterize the hydraulic conductivity of the bedrock and overburden study area.
- Hydraulic testing consisted of Straddle-Packer injection test of all cored bedrock boreholes, recovery tests of selected bedrock and overburden wells and short-term pumping tests of select bedrock wells.
- Straddle-packer injection tests were conducted in each of the cored boreholes BH52, 54 and 56. The calculated hydraulic conductivity ranged from 1 x 10^{-8} m/s t0 6 x 10^{-4} m/s with average values of about 10^{-7} m/s.
- Hydraulic conductivities were also calculated using a water recovery test in response to the instantaneous injection or removal of a slug of water. The calculated hydraulic conductivity ranged from 1 x 10^{-11} m/s to 2 x 10^{-5} m/s.

- Pump tests were performed during drilling and from installed monitoring wells. The calculated hydraulic conductivity from the pump tests ranged from 2 x 10^{-5} m/s to 1 x 10^{-3} m/s.
- Overburden materials in the study area are comprised of recent fill, marine clay and silt and glacial till, average overburden thickness of 5 m was found throughout most of the area.
- The principal bedrock in the Manotick area is comprised of a sequence of Paleozoic carbonate sedimentary rocks ranging in composition from dolostone to sandstone.
- The available soil data shows that PCE contaminated soil exists primarily in area of 5545 Manotick Main Street. No PCE or other chlorinated aliphatic hydrocarbon contamination was detected in boreholes completed near 5576 Main Street or near 5641 Whitewood Avenue.
- Low levels of PCE in soil was detected at BH-28, BH-45 and BH-30, the concentrations ranged from (0.023µg/g to 0.130µg/g). TCE contamination was also detected at 0.044µg/g in BH-28.
- Soil surrounding 5545 Main Street was contaminated with PCE at concentrations of 0.11 to 60 µg/g. The contamination was greatest along the north and east sides of the former dry-cleaning building and extends west under Main Street.
- Areas of petroleum contamination of soil and groundwater were identified using Benzene as an indicator compound.
- The available data showed that there are three areas of petroleum contamination of soil, these areas exist within the vicinity of 5549 Main Street and 5549 Ann Street and 5521 to 5527 Main Street.
- Detected levels of Benzene ranged from 1.8 to 65 µg/g in the western half of the property at 5549 Main Street. Concentrations of up to 100 µg/g were detected north of 5549 Ann Street.
- The third area of petroleum contamination was found in the area of 5521 and 5527 Main Street, with concentrations of up to 600 µg/g.
- Results from the MOEE water well sampling showed the presence of a large PCE plume, a small PCE plume and one PCE anomaly in the upper aquifer. A large PCE plume, one small PCE plume and two PCE anomalies were identified in the lower aquifer.
- The large PCE plume in the upper aquifer extends from 5545 Main Street to the north towards Rideau River of concentrations greater than 10,000 µg/L.
- The large PCE plume in the upper aquifer also has source concentrations greater than 10,000 µg/L and the plume migration showed migration towards the Rideau River.
- Two Benzene plumes exist within the Upper Aquifer, the larger plume with peak concentrations of 4400 µg/L and 3200 µg/L is centred around contamination identified at 5549 and 5549 Ann Street.
- The second plume of Benzene was identified at 5521 and 5527 Main Street, with maximum concentrations of 1400 µg/L.
- The lower aquifer had one Benzene plume from a source area near 5547 and 5549 Main Street. Maximum concentrations of 45 µg/L were measured in BH54-A.
- Three-dimensional numerical simulation of migration of PCE in groundwater suggests that the plume migration in the Upper and Lower Aquifers may reach steady-state conditions and the Rideau River by about 1993 and 2003 respectively.
- Numerical simulations also suggested that the continued operation of private wells outside of the serviced area may result in PCE plume migration within the lower aquifer to private wells west of the serviced area.
- Limitations of the numerical models include that no provision was made for the effect of preferential pathways in the bedrock as the result of fracture networks. Preferential pathways especially in the proximity of a pumping well could cause future contamination migration in directions not predicted by the numerical model.
- Risk-based pathway assessment completed showed that the PCE contaminated groundwater within the serviced area poses negligible risk to the Rideau River and to residents within the serviced area.
- Given the uncertainty in PCE plume migration potential in the Lower Aquifer, expansion of the existing monitoring well network was recommended as the most appropriate remedial action for the Manotick site at this time, along with the continued sampling of the bedrock monitoring well network on a semi-annual basis for a period of five years.

Upon review of the report AEL finds that the PCE and Benzene contamination in the village of Manotick does not present any environmental liabilities of high likelihood to the site

The reasons for that decision are listed below:

- Private drinking water well located at the site showed non-detect levels of PCE and Benzene when tested by the MECP in 1991. Neighbouring domestic water wells located 50 m east and 100 m southeast of the site also showed non-detect levels of PCE and Benzene in 1991
- Three-dimensional numerical models suggests that the PCE plume migration in the upper and lower aquifer does not intersect our site and the plume is migrating north towards Rideau River
- Risk-based pathway assessment completed in 1994 suggested that the PCE contaminated groundwater posed negligible risk to the Rideau River and to residents within the serviced area

3.5.4.2 CITY OF OTTAWA NON-POTABLE GROUNDWATER STANDARDS RESPONSE

The city indicated the following regarding the use of non-potable groundwater standards,

- The City of Ottawa indicated that there are several private drinking water wells within 250 m of the site, due to the presence of private drinking wells within the immediate vicinity of the site, City of Ottawa objects to the use of non-potable groundwater standards and considers the site to be subjected to potable water clean-up standards

3.5.5 ENVIRONMENT AND CLIMATE CHANGE CANADA (ECCC)

AEL filed a Freedom of Information request with ECCC regarding the site. ECCC indicated they have no records pertaining to the site.

3.5.6 COAL TAR WASTES/MANUFACTURED GAS PLANTS

AEL reviewed the applicable documents kept by the government. The site and adjacent properties were not listed.

3.5.7 WASTE DISPOSAL SITE INVENTORY

AEL reviewed the applicable documents kept by the government. The site and adjacent properties were not listed.

4. PROPERTY INFORMATION INTERVIEW

4.1 ERIC BRISSON, PRESIDENT

4.1.1 INTERVIEW BACKGROUND

AEL interviewed the property owner, Eric Brisson, Mr. Brisson's responses were logged electronically on June 2, 2021, using AEL's custom property survey form. See Appendix 4 for complete owner survey. Mr. Brisson is deeded to be a credible source as he is the owner of the property.

4.1.2 INTERVIEW SUMMARY

The following information was provided in regard to the property on 5497 Manotick Main Street,

- The current site and past site use are residential.
- The property contains a single storey structure.
- The site is serviced with a private septic system.
- No transformers are located on site.
- No PCBs, hazardous chemicals or herbicides have been used on site.
- No recorded/known spills.
- No above or below ground storage tanks.
- There is a basement on site.
- No asbestos-containing materials or lead-based paints are present on-site.
- No known fill has ever been placed on-site.

5. SITE RECONNAISSANCE

5.1 GENERAL REQUIREMENTS

5.1.1 INTRODUCTION

John Stephen, under the supervision of Charna Kozole, P.Eng., QP_{ESA} , attended the area and site from 8:00 am to 8:30 am on June 15th, 2021, during an overcast day at a temperature of about 16° Celsius. All portions of the site were accessible, and no snow was present on-site surfaces. See Appendix 5 for the photographic layout of the site.

5.1.2 RECONNAISSANCE FINDINGS

The site was occupied with tenants at the time of the investigation, consisting of a one-storey residential building located centrally on the site. The site was located on the north side of Manotick Main Street, driveway access to the site was available from the southwest.

The south portion of the site was covered in asphalt and serves as a parking area, east, west and north of the site were covered in grass, shrubs or trees. All vegetation appeared to be in good health, and no stressed vegetation was noted. The site was serviced with a potable water supply well, according to well records (well ID#1506432) found on Ontario well Records, the well was installed to a depth of 27.4m bgs in 1952. The site was serviced with a private septic system, though a connection to a sewer line was present along Main Street. The septic tank was not located during the site walkover.

The adjoining properties to the east were commercial in nature. They included RBC Royal Bank at 5501 Main Street and a commercial plaza located at 5511 Main Street. The adjoining properties to the south across Main Street appeared to be largely commercial in nature, further southeast the site use transitioned to predominantly residential. The adjoining properties to the west and north were residential in nature.

The site had access to municipal water and sewer; however, the site is serviced by a private septic system and a potable water supply well. Hydro, cable, and natural gas enter the site from the southwest side of the building.

The phase one property was not currently nor formerly used for any of the uses described in Schedule D Table 2 of the regulation (O. Reg. 153/04)

5.1.3 NAME AND QUALIFICATIONS OF SITE INVESTIGATOR

John Stephen, under the supervision of Charna Kozole, P.Eng., $QP_{ESA,}$ completed the site reconnaissance. Ms. Kozole is a qualified person as defined in O. Reg. 153/04.

5.1.4 PHOTOGRAPHIC RECORD

Below is a table outlining the details of the photographs taken by AEL during the site reconnaissance. The orientation by compass of the photographs and orientation with respect to other photographs can be seen in the site Photographic Plan (Appendix 5). Copies of the photographs can be found in the photo record appended to this report.

Table 5-1 Photographic Record

Photo Number	Description
001	Facing north, the “site” consists of one storey residential building. The southern portion of the site is asphalt covered and serves as a parking area. The property for a limited time period until 2020 was used as a commercial real estate brokerage (Solid Rock Realty).
002	Facing northwest, gas and hydro for the property enters from the east side of the building.
003	Facing northwest, sump pump and a well tank located in the basement of the site. The site is serviced by a potable water supply well.
004	Facing northeast, the attached garage located on the east side of the building had minor oil stains present

Table 5-1 Photographic Record	
Photo Number	**Description**
005	Facing southeast, commerical properties were located to the east of the site including, RBC Royal Bank located at 5501 Manotick Main Street.
006	Facing southwest, commercial properties were located south of the site, including Coldwell Bankers and Manotick Main Dental located at 5500 and 5594 Manotick Main Street respectively.

5.2 SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY

5.2.1 BUILDINGS AND STRUCTURES

A one-storey rectangular building was present centrally on the site.

5.2.2 BELOW GROUND STRUCTURES

A basement containing a recreation room, bedroom and a utility room was present. The utility room contained a washing machine, dryer, hot water tank and a sump pump.

5.2.3 INTERIOR STORAGE TANKS

One (1) domestic hot water and one (1) well tank was located in the basement.

5.2.4 WATER SOURCES

5.2.4.1 POTABLE WATER SOURCES

The site is serviced by a potable water supply well. The well was installed to a depth of 27.4 m bgs in 1952 according to Ontario well records.

5.2.4.2 NON-POTABLE WATER SOURCES

No evidence of non-potable wells was noted on site.

5.2.5 UNDERGROUND UTILITIES

No underground utility drawings were available for review. If a phase two ESA is to be undertaken at the site, AEL will obtain public and private locates. The exact location of underground utilities is unknown, although based on available records and site reconnaissance, the following was noted.

The site and neighbouring properties appear to be serviced by overhead hydro lines, underground natural gas lines and underground telecommunications line. Municipal water and sewer connection is available for the site along Main Street, but the site is serviced by a private potable water supply well and a private septic system. Hydro, natural gas and telecommunications enter the site from the southwest side of the building. As natural gas lines are very small in diameter, they are not expected to have an effect on the transport of potential contaminants in the subsurface. Water and sewer lines are anticipated to be larger, however, are not currently noted as being present on-site, and thus a preferential pathway does not exist for the transport of groundwater and potential contaminants of concern where utility lines are present.

5.2.6 BUILDING FEATURES

5.2.6.1 EXIT AND ENTRY POINTS

Entrances and exits to the site building were present from the north and south. Driveway access to the site was present south on to the Site from Main Street.

5.2.6.2 HEATING/COOLING SYSTEM

Heating to the building is via natural gas fuelled forced air furnace.

5.2.6.3 DRAINS, PITS AND SUMPS

The site contains sanitary drains that empty into the private septic system.

5.2.6.4 FLOOR STAINING

Minor staining was noted in the garage.

5.2.6.5 FLOOR CRACKING

No cracking was noted.

5.2.6.6 UNIDENTIFIED SUBSTANCES

No unidentified substances were noted.

5.2.6.7 LIGHT FIXTURES

Standard fluorescent light fixtures were found throughout the building.

5.2.6.8 CHEMICAL STORAGE

Three small containers (<1L) of residential detergents were found in the basement.

5.2.7 EXTERIOR PROPERTY

5.2.7.1 WELLS

The site is serviced with a potable water supply well. According to well record (well ID#1506432) the well was installed to a depth of 27.4 m bgs in 1952.

5.2.7.2 SEWAGE WORKS

The site is serviced with a private septic system, though a connection to a municipal sewer line is available along Main Street. The Septic system was not located on the site walkover.

5.2.7.3 GROUND COVER

The site was covered in asphalt on the southern portion of the site. The remaining parts of the site was grass covered.

5.2.7.4 RAILWAY LINES

Based on Google Earth estimates, the closest railway line is approximately 5.1 km east of the site. Considering the distance to the site, no impacts to the site are anticipated.

5.2.7.5 EXTERIOR STORAGE TANKS

No tanks were present on site.

5.2.7.6 STAINING

Minor staining was noted in the garage.

5.2.7.7 VEGETATION

All vegetation appeared to be in good health, and no stressed vegetation was noted.

5.2.7.8 FILL / DEBRIS

No fill material was observed.

5.2.7.9 UNIDENTIFIED SUBSTANCES

No unidentified substances were found at the property.

5.2.7.10 ENVIRONMENTALLY SENSITIVE AREAS

The site does not fall within the boundary of any environmentally sensitive areas.

5.2.7.11 BODIES OF WATER

The closest visible body of water is the Rideau River, located <5 m north of the property. Based on local and regional topography the inferred direction of groundwater flow is to the northeast.

5.2.8 HAZARDOUS MATERIALS

5.2.8.1 ASBESTOS CONTAINING MATERIALS (ACMS)

Asbestos was a common component in building materials until the 1970s due to its fire-retardant properties. The health risks associated with asbestos occur when asbestos fibres are released from ACMs into the air. This may be the case during maintenance or demolition activities, or where an ACM has deteriorated to the point it has become friable. If an ACM is in good condition, it generally does not pose a health risk.

Building materials commonly containing asbestos include ceiling and flooring tiles, pipe, boiler, electrical wiring and blown-in insulation, electrical panel partitions, joint compounds, cement siding and wallboard, and caulking and putties.

An asbestos survey was not completed as part of the phase one ESA. Given the age of the building at the site. ACMs may potentially be present. A DSS survey should be completed prior to renovations to determine the presence of any designated substances.

5.2.8.2 LEAD

Lead was a common paint additive until the 1980s, as it produced a high quality, durable protective coating. Paints made prior to 1950 contain large amounts of lead; after 1950, lead was more common in exterior paint.

A lead survey was not completed as part of the phase one ESA. Given the age of the building at the site, lead maybe potentially be present. A DSS survey should be completed prior to renovations of the property.

5.2.8.3 MERCURY

Mercury-containing products were commonly used in building products due to its ability to conduct electricity, measure temperature and pressure, and as a fungicide, preservative and disinfectant. Mercury-containing products include fluorescent lamps, thermostats, electrical switches and paints.

A mercury survey was not completed as part of the phase one ESA. Given the age of the building at the site, mercury may potentially be present in small quantities. A DSS survey should be completed prior to renovations of the property.

5.2.8.4 POLYCHLORINATED BIPHENYLS (PCBS)

PCBs were common up to the early 1980s as a dielectric fluid in transformers, capacitors and light ballasts. PCBs are an environmental concern as they persist in the environment and can accumulate in the food chain. The use of PCBs in light ballasts was ceased in the early 1980's. Federal PCB regulations have designated a 2009 deadline for end-of-use and end-of storage for high level PCBs for products and equipment containing PCBs. Products and equipment with low level PCBs are to be eliminated by 2025.

A PCB survey was not completed as part of the phase one ESA. Given the on-site activities PCBs are unlikely to be present on the site. A DSS survey should be completed prior to renovations to the property

5.2.8.5 OZONE-DEPLETING SUBSTANCES (ODSS)

ODSs are any substances containing chlorofluorocarbon (CFC), carbon tetrachloride, methyl chloroform, or any other chemicals capable of depleting the stratospheric ozone layer. ODSs are commonly used in refrigeration, air conditioning, foam and industrial solvent applications. In Ontario, O. Reg. 463/10 outlines the mandatory recovery and reclamation of ODSs during maintenance of ODS containing equipment. ODSs are not of concern if handled with care during repair, removal or disposal activities.

Equipment potentially containing ODSs was not identified during site reconnaissance. Storage of ODSs was not observed during site reconnaissance.

5.2.8.6 UREA FOAM FORMALDEHYDE INSULATION (UFFI)

UFFI was used in the 1970s as building blown-in insulation but was banned in 1980. This material was mainly used in residential buildings as cavity filler, where the use of conventional insulation was impractical. UFFI is not a high concern in buildings with high ventilation rates.

Evidence of UFFI was not observed during site reconnaissance.

5.2.8.7 OTHER

During site reconnaissance no obvious signs of any other hazardous or designated substances were observed.

5.3 SURROUNDING LANDS

All properties directly adjacent to the site and immediately surrounding lands were residential, parkland, or commercial in nature. Figure 6 outlines the site and surrounding property uses.

5.3.1 NORTHWEST

A residential property, 5495 Manotick Main Street, was located northwest of the site.

5.3.2 SOUTHWEST

Manotick Main Street was located southwest of the site, with a commercial property (a real estate agency) located on the south side of Manotick Main Street, further southwest of the site.

5.3.3 SOUTHEAST

A commercial property (RBC Royal Bank) was located southeast of the site.

5.3.4 NORTH

Rideau River was located north of the site, with residential properties (5482 and 5484 West River Drive) located on the northeast side of Rideau River, further northeast of the site.

5.4 WRITTEN DESCRIPTION OF INVESTIGATION

AEL undertook a site history using a number of sources including historical mapping, aerial photographs and other sources as available. Historical evidence indicates that the 5497 Manotick Main Street property was first owned by an individual in 1854, likely for residential land use. Aerial photos obtained from the National Air Photo Library (NAPL) show evidence of a residential property present on the site by 1959 and indicates that surrounding property use appears to be residential and agricultural in use. Prior to first development the site was crown land, likely vacant or used for agricultural purposes. Surrounding lands were developed around the same time.

John Stephen, under the supervision of Charna Kozole, P.Eng., QP_{ESA}, attended the area and site from 8:00 AM to 8:30 AM on June 15th, 2021, during an overcast day at a temperature of about 16^{o} Celsius. All portions of the site were accessible, and no snow was present on-site surfaces. The site was occupied with tenants at the time of the investigation, consisting of a one-storey residential dwelling located centrally on the site. The site was located on the north side of Main Street. driveway access to the site was from the southwest.

The south portion of the site is covered in asphalt and serves as a parking area, east, west and north of the site were covered in grass, shrubs or trees. All vegetation appeared to be in good health, and no stressed vegetation was noted. The site is serviced with a potable water supply well, according to well records (well ID#1506432) found on Ontario well Records, the well was installed to a depth of 27.4m bgs in 1952. The site is serviced with a private septic system, though a connection to a sewer line is present along Main Street. The septic tank could not be located on the site walkover.

The adjoining properties to the east are commercial in nature. They include RBC Royal Bank at 5501 Main Street and a commercial plaza located at 5511 Main Street. The adjoining properties to the south across Main Street appear to be largely commercial in nature, further southeast the site use transitions to predominantly residential. The adjoining property to the west was residential in nature. The Rideau River was north of the Site.

The site has access to municipal water and sewer; however, the site is serviced by a private septic system and a potable water supply well. Hydro, cable, and natural gas enter the site from the southwest side of the building.

The phase one property was not currently nor formerly used for any of the uses described in Schedule D Table 2 of the regulation (O. Reg. 153/04).

6. REVIEW AND EVALUATION OF INFORMATION

6.1 CURRENT AND PAST USES

At the time of reporting, the land use type at the site was residential. The site was occupied with a single storey residential building that was located centrally on the site. The site was developed in the late 1950s for residential use, prior to 1950s, the exact use of the property was likely vacant or agricultural in use.

Table 6-1 summarizes the current and past uses of the phase one property, along with descriptions and observations, if any, made by AEL from historical records.

Table 6-1 Table of Current and Past Uses of the Phase One Property

Year(s)	Name of Owner	Description of Property Use(s)	Property Use(s) (per regulatory types)	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
Prior to May 19, 1854	Crown	No Information	Agriculture or other use	No records available.
May 19, 1854 – Jan 19 1856	John Harvey	Exact use unknown	Agriculture or other use	
January 19, 1856 – November 16, 1858	Sheriff Fraser			
November 16, 1858 – March 12, 1873	Philip Thompson			
March 12, 1873 – September 10, 1912	Daniel Cameron			
September 10, 1912 – June 9, 1950	Murdock Cameron			
June 9, 1950 – November 19, 1951	Daniel A. Cameron			
November 19, 1951 – Oct 18, 1956	Doris Craig			
October 18, 1956 – May 29, 1957	Leonard J. Mills			
May 29, 1957 – October 2, 1957	George E. Mclean Annie J. Mclean			

Table 6-1 Table of Current and Past Uses of the Phase One Property				
Year(s)	**Name of Owner**	**Description of Property Use(s)**	**Property Use(s) (per regulatory types)**	**Other Observations from Aerial Photographs, Fire Insurance Plans, etc.**
October 2, 1957 – July 15, 1981	Naomi C.A Jackson	Residential Home	Residential	Residential Property Observed in Aerial Photographs
July 15, 1981 – October 31, 1990	Wilfred R. Bovin	Residential Home	Residential	Residential Building Structure Observed in Aerial Photographs
October 31, 1990 – June 30 1998	Suzanne Jillian Mcneil	Residential Home	Residential	
June 30, 1998 – July 31, 2001	Langevin Learning Services Inc.	Commercial Offices	Commercial	
July 31, 2001- September 23, 2008	Nancy Verna Chevrier Trudy Ellen Garland (Partial Interest)			
September 23, 2008 – October 4, 2010	Albert Craig Houle (Partial Interest)			
October 4, 2010 – October 7, 2010	Suzanne Lillian Boivin			
October 7, 2010 - July 23, 2020	Jette Dekker	Realty Office	Commercial	Residential Building Structure Observed in Aerial Photographs and 2020 Site Walkover by Others
July 23, 2020 – Present	12213559 Canada Inc	Residential Home – tenant Ryan Holmes	Residential	Site walkover by AEL

6.2 POTENTIALLY CONTAMINATING ACTIVITY (PCAS)

No PCAs were identified for the subject site's current activities, past site use and neighbouring site land use activities.

Table 6-2 Potentially Contaminating Activities (PCAs)				
PCA	**Location (On-site or Off-site; up, down or trans gradient)**	**Information Source**	**Potentially Contaminating Activity***	**Potential of PCA Contributing to an APEC**
N/A				

* A potentially contaminating activity means a use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a phase one study area.

6.3 AREAS OF POTENTIAL ENVIRONMENTAL CONCERN (APEC)

6.3.1 LOGIC USED BY QUALIFIED PERSON IN DETERMINING APECS

APECs were identified by noting all activities of potential concern within the phase one study area and then assessing the likelihood that the activities could have an environmentally deleterious effect on the site based on the following criteria:

1. Scale of the activity
2. Nature of the chemicals involved in the activity
3. Proximity of the activity to the ground outside
4. Potential pathways

6.3.2 APECS PRESENT AT SITE

No APECs were identified for the subject site's current activities, past site use and neighbouring site land use activities did present a potential for on-site APECs at this time.

Table 6-3 Table of Areas of Potential Environmental Concern					
Area of Potential Environmental Concern	**Location of Area of Potential Environmental Concern on Phase One Property**	**Potentially Contaminating Activity**	**Location of PCA (on-site or off-site)**	**Contaminants of Potential Concern**	**Media Potentially Impacted (Soil, groundwater and/or sediment)**
N/A					

6.3.3 UNCERTAINTY

Minor gaps in data exist which raise minor uncertainties that all APECs were identified during the phase one ESA. Historical searches, particularly the fire insurance plans did not cover all years, therefore potentially contaminating activities that occurred during this period remain unknown to the Qualified Person.

AEL has ample experience in assessing similar facilities and used previous experience to deduce areas and contaminants of potential concern.

7. PHASE ONE CONCEPTUAL SITE MODEL (CSM)

7.1 POTENTIALLY CONTAMINATING ACTIVITIES (PCAS)

No PCAs for the phase one property and the phase one study area were identified during the phase one investigation.

7.2 CONTAMINANTS OF POTENTIAL CONCERN (COPCS)

No groups of contaminants of potential concern (COPCs), as identified in the "Protocol for Analytical Methods in the Assessment of Properties under Part XV.1 of the Environmental Protection Act" (MOE, 2004) were identified at the site.

7.3 EFFECTS OF UNDERGROUND UTILITIES

The presence of utilities was investigated during the phase one site reconnaissance. The exact location of underground utilities is unknown, although based on available records and site reconnaissance, the following was noted.

7.3.1 COMMUNICATION LINES

The site and neighbouring properties appear to be serviced by underground communication lines; they enter the site at the southwest side of the building. As communication lines are very small in diameter, they are not expected to have an effect on the transport of potential contaminants in the subsurface.

7.3.2 GAS LINE

The site was service by natural gas, which entered the property at the southwest side of the site. As a natural gas utility connection is very small in diameter it is not expected to have an effect on the transport of potential contaminants in the subsurface.

7.3.3 HYDRO LINE

The site was serviced by overhead hydro lines, entering the property from the southwest.

7.3.4 WATER AND SEWER

The site has access to municipal water and sewer; however, the site is serviced by a private septic system and a potable water supply well. Since the site is serviced by private potable well and private septic system, these are not expected to have an effect on the transport of potential contaminants in the subsurface.

7.3.5 UNDERGROUND PIPING

Site reconnaissance revealed no anticipated underground piping will be present on the site strip of land.

7.3.6 GEOLOGICAL AND HYDROGEOLOGICAL CONDITIONS

According to LIO, the site at an approximate elevation of 85.88 m asl. The local site topography significantly slopes southwest to northeast towards the river.

7.3.7 PHYSIOGRAPHY

The regional physiography is dominated by the North Gower Drumlin field. It is an area of 390 square kilometres lying in the townships of North Gower, Marlborough, Osgoode, Nepean, and Gloucester. The drumlins possess well-drained stony soil, while the land between the drumlins is covered with clay or silt.

AEL did not undertake a geotechnical investigation of the site. Upon review of the Ministry of Northern Development and Mine's "Surficial Geology" layer from OGSEarth, the site is in an area of offshore marine deposits, characterized by clay, silty clay and silt, commonly calcareous and fossiliferous; locally overlain by thin sands. Upper parts are generally mottled or laminated reddish brown and bluish grey and may contain lenses and pockets of sand, but at depth clay is uniform. These soils have a higher runoff potential and resist infiltration of fluids due the clay and silt components.

7.3.8 GEOLOGY

Upon review of the Ministry of Northern Development and Mine's "Bedrock Geology" layer from OGSEarth, the bedrock consists of the Beekmantown Group (Dolostone and Sandstone). Depth to bedrock is anticipated to be between 4 to 10 meters.

7.3.9 FILL MATERIALS

During site reconnaissance no fill material was observed.

7.3.10 WATER BODIES AND AREAS OF NATURAL SIGNIFICANCE

The closest visible body of water is Rideau River, located <5m north of the site (see Figure 3). Based on local and regional topography the inferred direction of groundwater flow is to the northeast.

There are no parks, reserves or other areas of natural significance within vicinity, in whole or part, of the site (within 250 m).

7.3.11 UNCERTAINTIES

Uncertainty or absence of information available regarding all past potential spills on-site and the potential presence of any above or underground tanks on neighbouring sites in each of the components of the phase one environmental site assessment could affect the validity of the CSM. As the majority of historical tanks have been identified on, and adjacent to, the site, the presence of additional tanks that could affect the site on surrounding lands is minimal.

8. CONCLUSIONS

8.1 ENGINEER'S OPINION AND JUDGMENT

AEL are of the opinion and judgment that the following conclusions may be reached for the site based on the information and observations made during the phase one ESA:

- Historical evidence indicates that the 5497 Manotick Main Street property was first owned by an individual in 1854, likely for residential land use. Aerial photos obtained from the National Air Photo Library (NAPL) show evidence of residential development on the larger property land by 1959 and indicate that surrounding property use appears to be residential in nature. Prior to first development the site was crown land, likely vacant or used for agricultural purposes, until initial development of the area. Surrounding lands were developed around the same time.
- Site soils likely include clay, silty clay and silt components, which generally have a higher runoff potential and lower infiltration rates, due to the clay components. These materials are generally resistant to the infiltration of fluids.
- Based on local soil and surface conditions, the flow of groundwater in soils in the vicinity of the site is likely to the northeast, towards Rideau River.
- AEL made inquiries on behalf of the client with the municipality that has authority under the Municipal Act, 2001 to pass by-laws respecting water production, treatment and storage (City of Ottawa) regarding the application of non-potable water criteria at the site. The City of Ottawa indicated that there are several private water drinking water wells within 250 m of the site, due to the presence of private water drinking wells within the immediate vicinity of the site, City of Ottawa objects to the use of non-potable groundwater standards and considers the site to be subjected to potable water clean-up standards. AEL has assumed for reporting purposes that the site to be in an area of potable water use for standard comparison, if a Phase Two ESA is required

8.2 REQUIREMENT FOR PHASE TWO ENVIRONMENTAL SITE ASSESSMENT

A phase two ESA is not required before a Record of Site Condition may be submitted, with respect to all or part of the phase one property.

8.2.1 FURTHER INVESTIGATIONS

Based on all the work completed to date, AEL were of the opinion that there was no need to investigate the site further.

9. CLOSURE AND LIMITATIONS

9.1 CONTRACT

The Client authorized AEL to carry out the work set out in the report in accordance with the scope of work as set out herein.

9.2 O. REG. 153/04 STANDARD OF CARE

AEL are of the opinion the investigation and report above meet the general requirements for phase one ESAs. The Qualified Person (QP) confirms that work completed for the phase one ESA was conducted and/or supervised by the QP, and all findings and conclusions of the phase one ESA are included in the report.

9.3 LIMITATIONS

The present work is for the sole use of AEL, and the client in a 2021 site evaluation. Others with an interest in the site such as contractors, purchasers, etc., must undertake their own investigations respecting the site, and are advised that the work is to the terms of reference only. Neither AEL nor the Client warrant or represent the report has found, detected or reported on all site conditions or site environmental conditions.

John Stephen, B.Sc.
Project Scientist

Paul Wilson, P. Eng., QP$_{ESA}$
Principal Engineer

10. QUALIFICATIONS

10.1 HISTORY

AEL is an engineering firm operating in Canada and the United States of America. Through its ownership since 1987 AEL have completed over 1200 projects in real estate and mortgage type environmental issues, contaminants, soils, rock, concrete, and groundwater.

10.2 ASSOCIATES

AEL Principal Paul Wilson, P. Eng., has over 30 years of engineering and contaminated sites experience. AEL Senior Engineer Charna Kozole, P. Eng., has over 20 years of engineering and contaminated sites experience. Mr. Wilson and Mrs. Kozole are qualified persons as defined in Ontario Regulation 153/04.

10.3 CLIENTS

AEL clients include major corporations (e.g., CIBC, Hydro One, NAV CANADA); governmental organizations such as Ontario Hydro, school boards; governments; and environmental groups.

11. REFERENCES

AEL used or considered the following materials respecting the work reported herein:

1. AEL Site Reconnaissance Photographs –June 2021.
2. Aerial photographs: Ecolog ERIS, Google Earth and NAPL.
3. Chapman & Putnam. The Physiography of Southern Ontario. 1966.
4. Ecolog ERIS Database Report – 5497 Manotick Main Street, Ottawa.
5. Ontario Ministry of the Environment (MOE). 2011. Ontario Regulation 153/04 – Records of Site Condition – Part XV.1 of the Environmental Protection Act.
6. Oligo Properties Inc. 28 May 2020. Property located at 5497 Main Street, Manotick, Ontario, Phase 1 Environmental Assessment.
7. Ontario Ministry of Northern Development and Mines. Ontario Geological Survey, OGSEarth Maps.
8. Topographical Maps, Ministry of Natural Resources and Forestry.

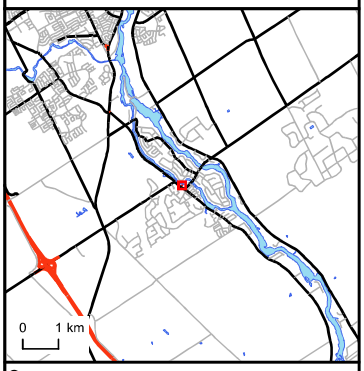
Manotick
Phase 1 Site Assessment
Groundwater Flow

#11462 2021-06-15

Legend

- Roads
- Water
- Property Boundary

Notes:
5497 Manotick Main Street
Manotick, ON



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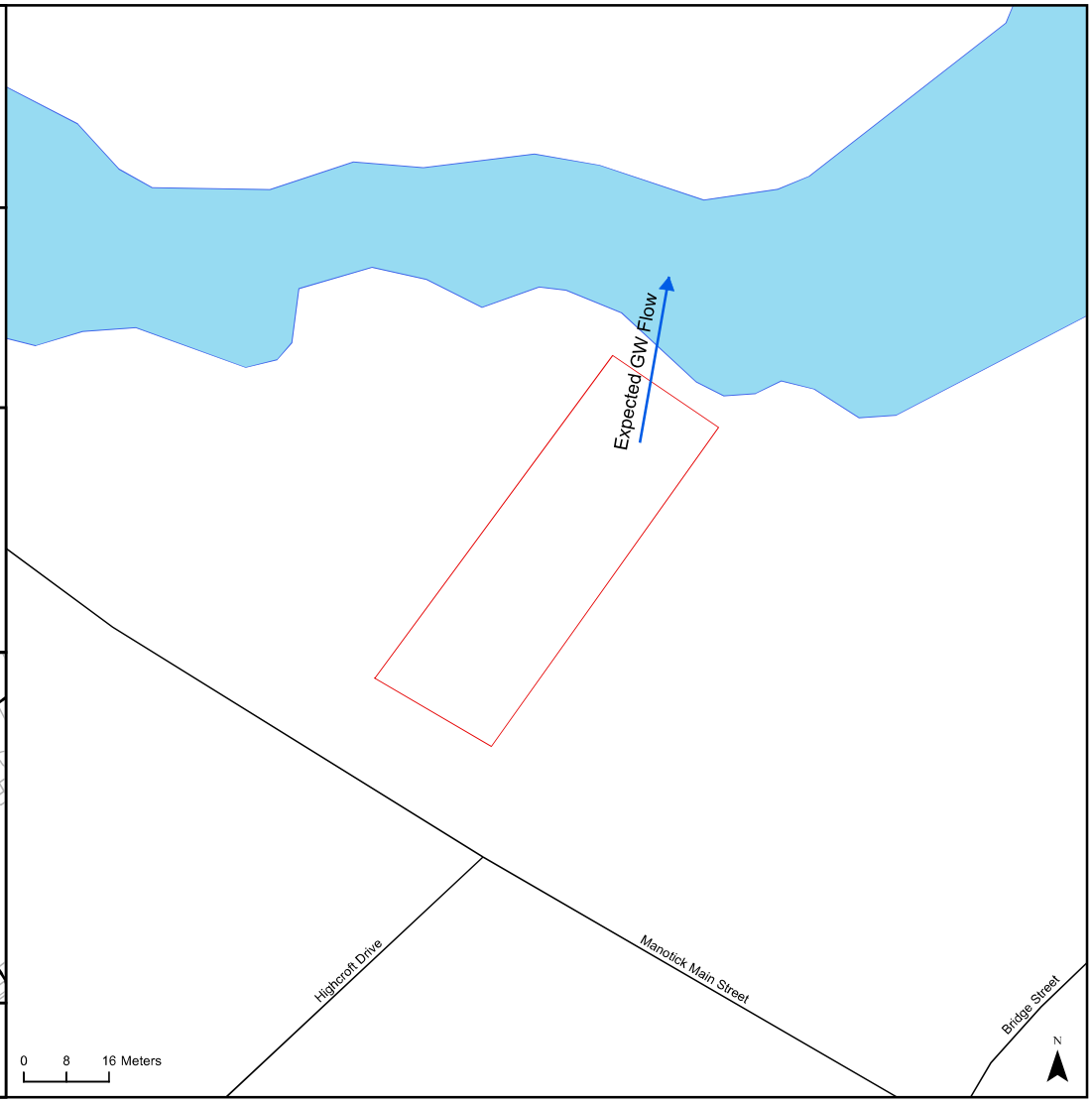
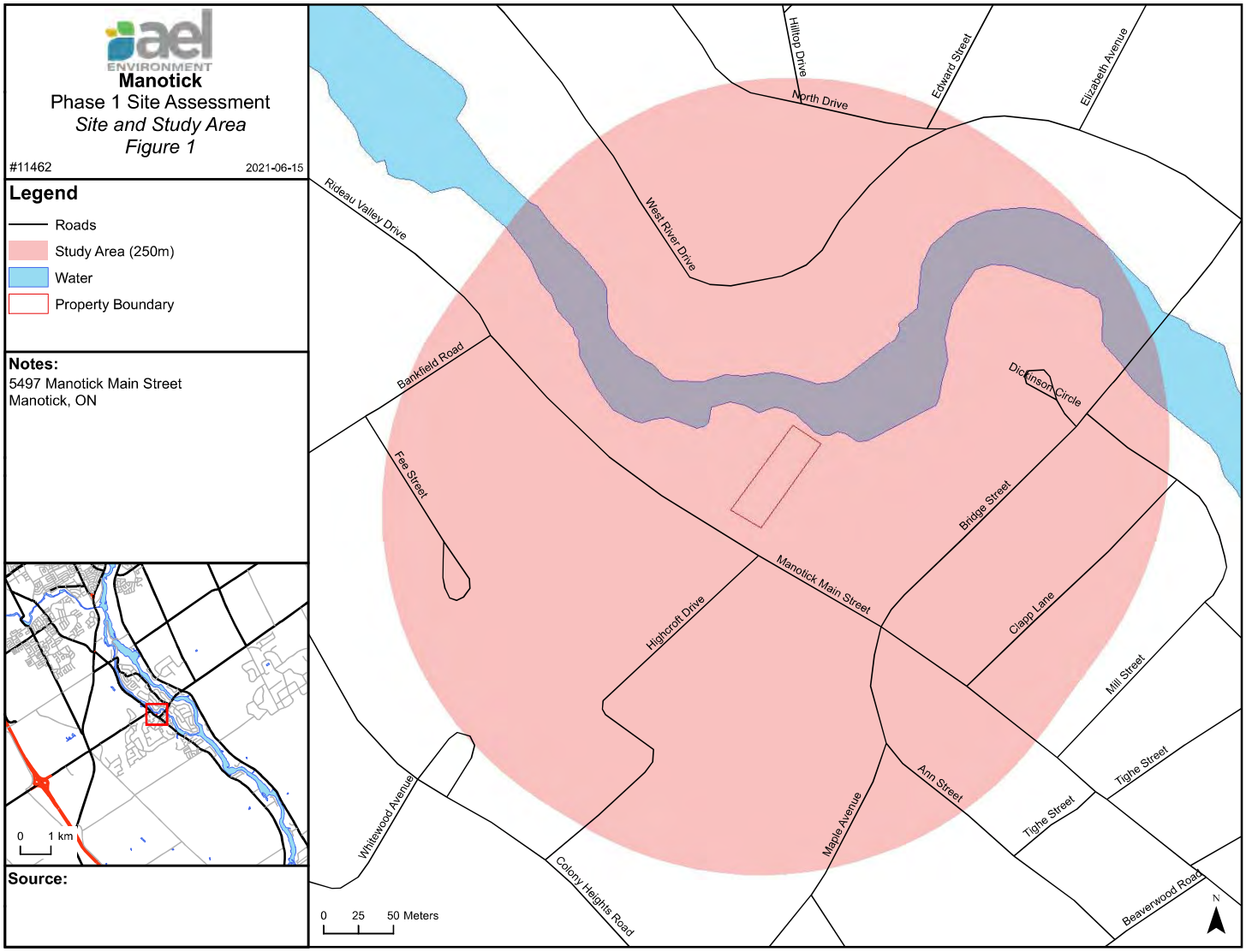



ael
ENVIRONMENT
Manotick
Phase 1 Site Assessment
Site and Study Area
Figure 1
#11462
2021-06-15
Legend
Roads
Study Area (250m)
Water
Property Boundary
Notes:
5497 Manotick Main Street
Manotick, ON
0 1 km
Source:
Hilltop Drive
North Drive
Edward Street
Elizabeth Avenue
Rideau Valley Drive
West River Drive
Bankfield Road
Dickinson Circle
Fee Street
Bridge Street
Manotick Main Street
Highcroft Drive
Clapp Lane
Mill Street
Tighe Street
Ann Street
Maple Avenue
Whitewood Avenue
Colony Heights Road
Beaverwood Road
0 25 50 Meters
N

5497 Manotick Main Street
Aerial Photographs
Figure 2a

#11462

Position of Site within the neighborhood and level of development in 1959

Source: NAPL

5497 Manotick Main Street, Ottawa

Key Plan – Google Maps, 2019

5497 Manotick Main Street
Aerial Photographs
Figure 2b

#11462

Position of Site within the neighborhood and level of development in 1965

Source: NAPL

5497 Manotick Main Street, Ottawa

Key Plan – Google Maps, 2019

5497 Manotick Main Street
Aerial Photographs
Figure 2c

#11462

Position of Site within the neighborhood and level of development in 1976

Source: City of Ottawa

5497 Manotick Main Street, Ottawa

Key Plan – Google Maps, 2019

5497 Manotick Main Street
Aerial Photographs
Figure 2d

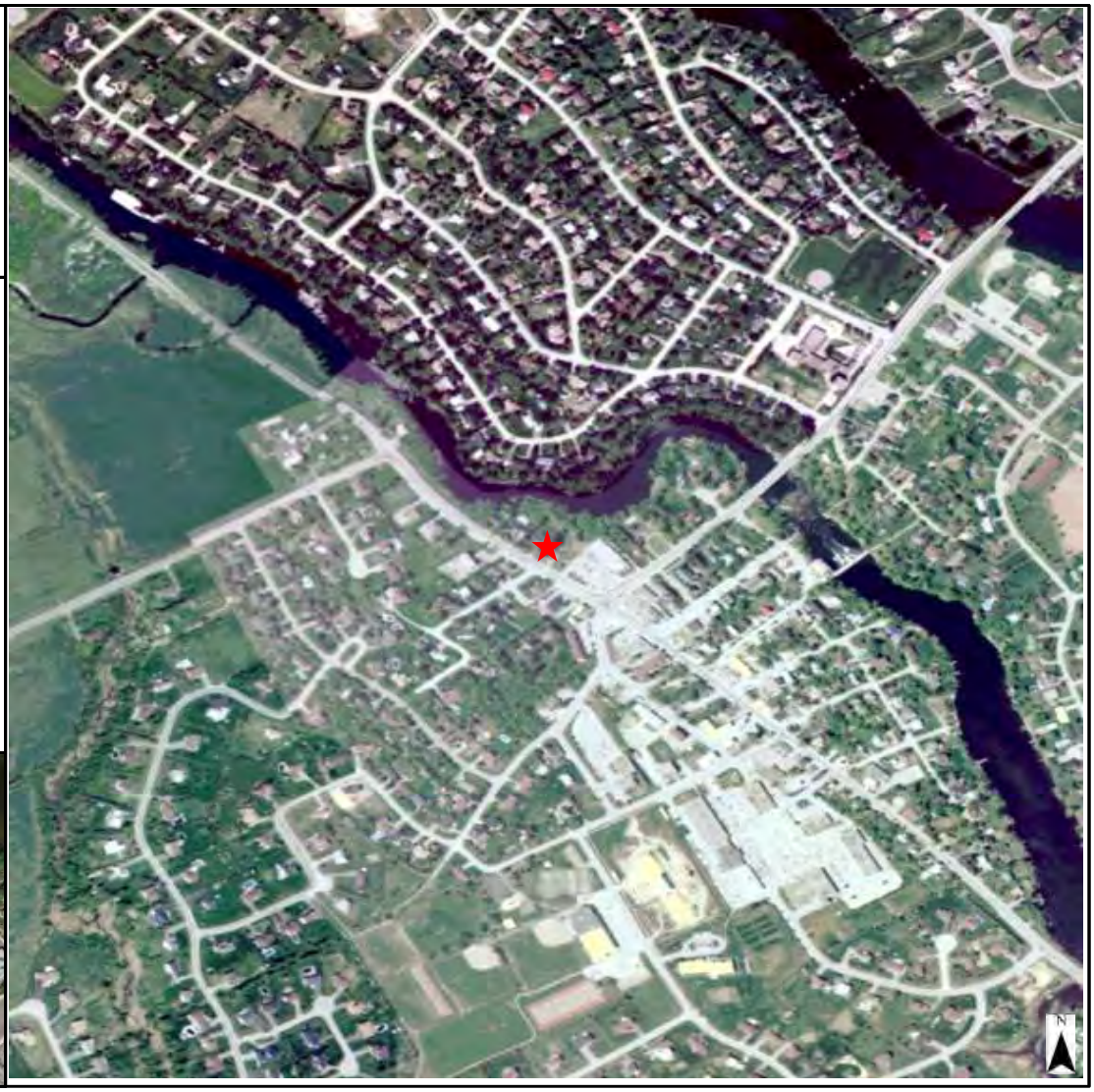
#11462

Position of Site within the neighborhood and level of development in 1999

Source: City of Ottawa

5497 Manotick Main Street, Ottawa

Key Plan – Google Maps, 2019



5497 Manotick Main Street
Aerial Photographs
Figure 2e

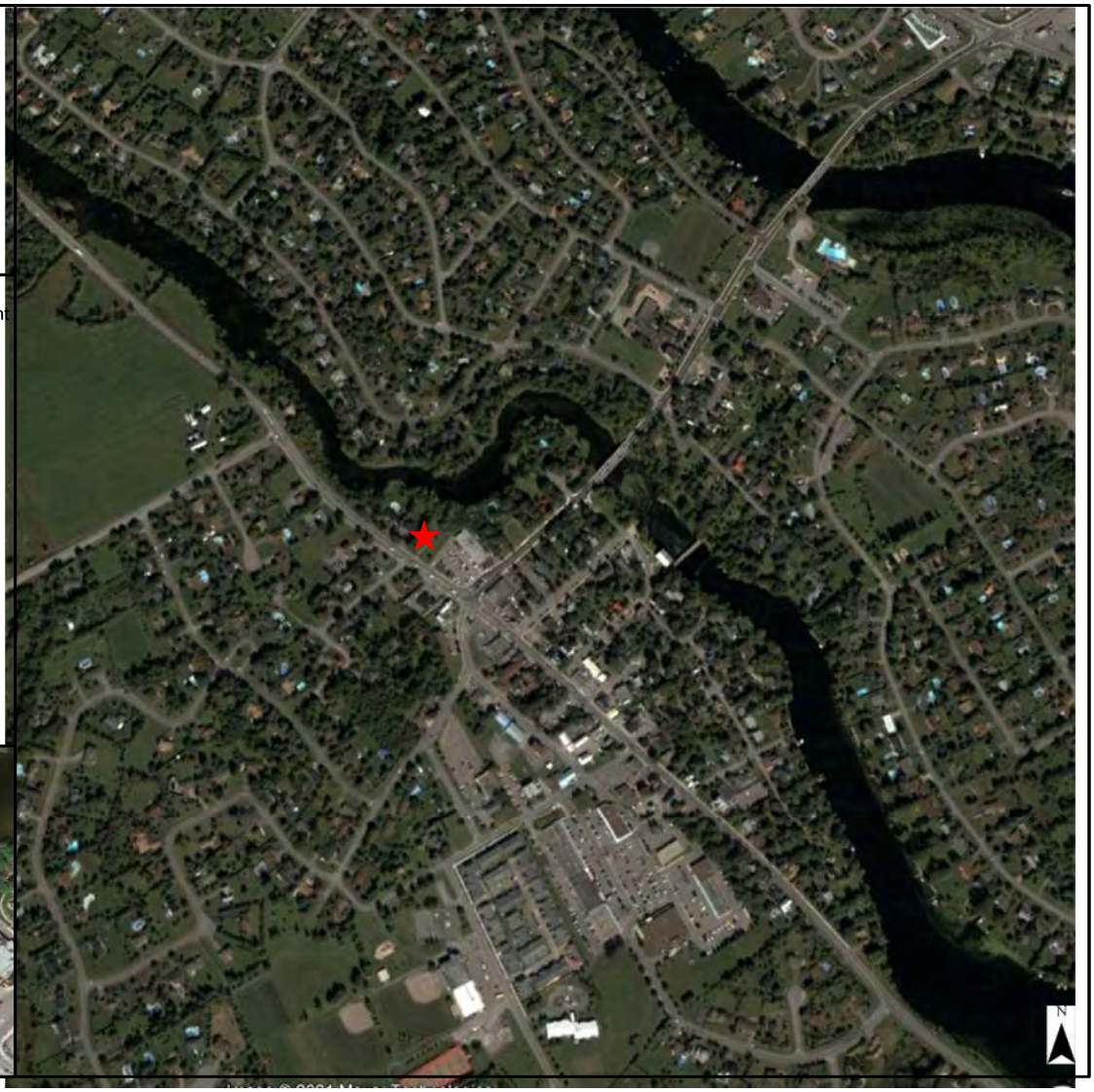
#11462

Position of Site within the neighborhood and level of development in 2004

Source: Google Earth

5497 Manotick Main Street, Ottawa

Key Plan – Google Maps, 2019



5497 Manotick Main Street
Aerial Photographs
Figure 2f

#11462

Position of Site within the neighborhood and level of development in 2008

Source: Google Earth

5497 Manotick Main Street, Ottawa

Key Plan – Google Maps, 2019

5497 Manotick Main Street
Aerial Photographs
Figure 2g

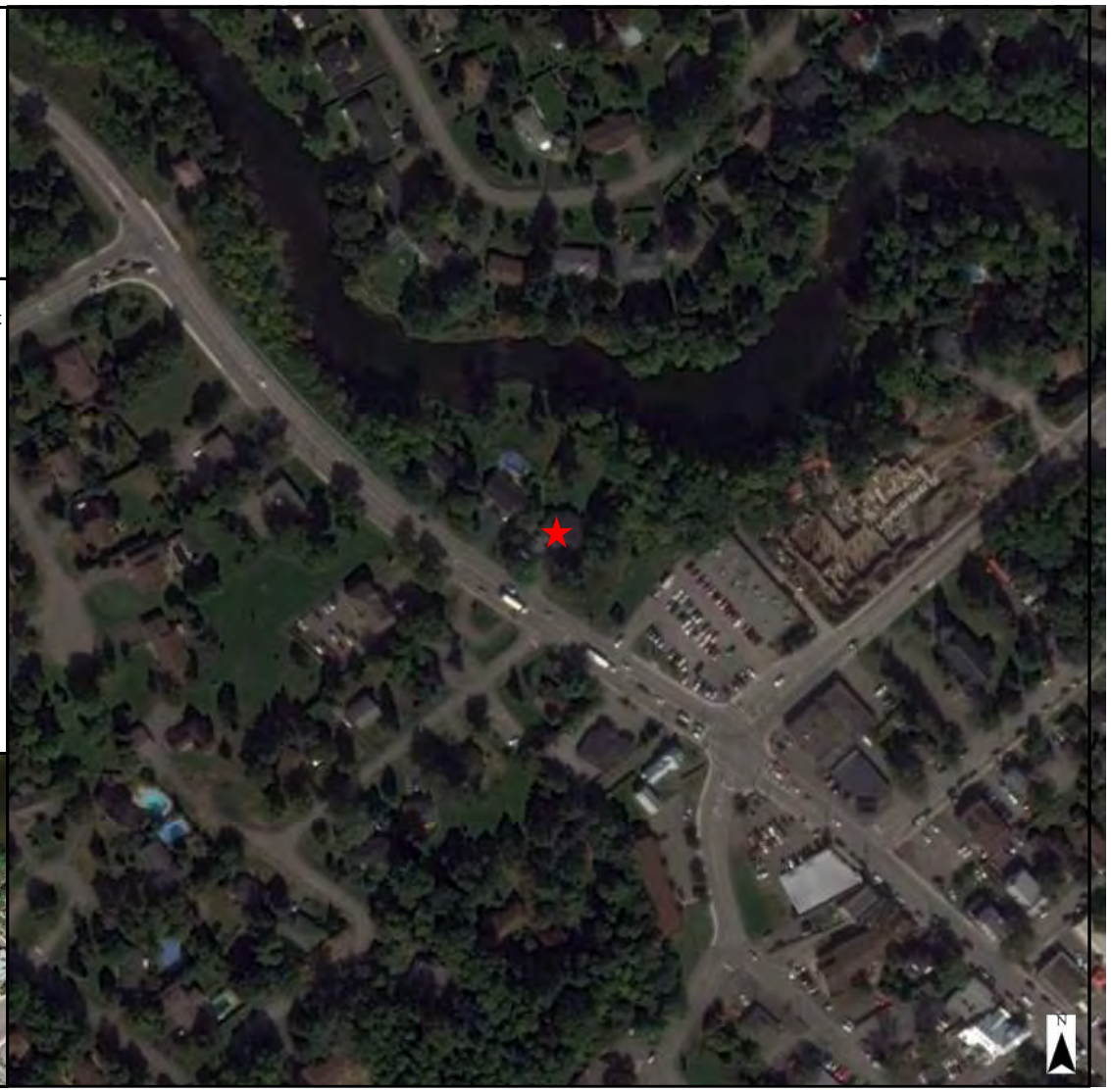
#11462

Position of Site within the neighborhood and level of development in 2012

Source: Google Earth

5497 Manotick Main Street, Ottawa

Key Plan – Google Maps, 2019



5497 Manotick Main Street
Aerial Photographs
Figure 2h

#11462

Position of Site within the neighborhood and level of development in 2016

Source: Google Earth

5497 Manotick Main Street, Ottawa

Key Plan – Google Maps, 2019

5497 Manotick Main Street
Aerial Photographs
Figure 2i

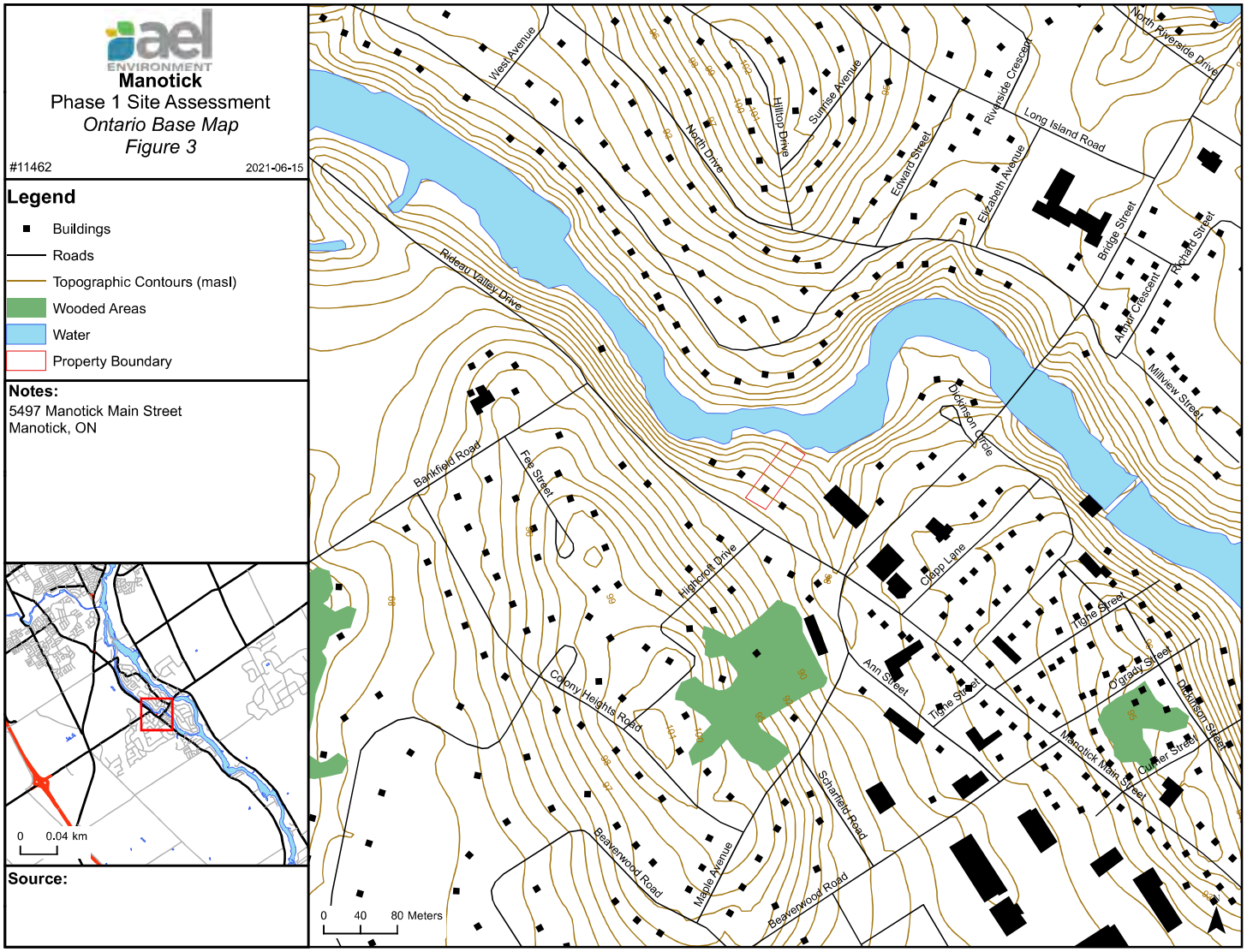
#11462

Position of Site within the neighborhood and level of development in 2021

Source: Google Earth

5497 Manotick Main Street, Ottawa

Key Plan – Google Maps, 2019


ael
ENVIRONMENT
Manotick
Phase 1 Site Assessment
Ontario Base Map
Figure 3
#11462
2021-06-15
Legend
Buildings
Roads
Topographic Contours (masl)
Wooded Areas
Water
Property Boundary
Notes:
5497 Manotick Main Street
Manotick, ON
Source:
0 0.04 km
0 40 80 Meters
West Avenue
Rideau Valley Drive
North Drive
Hilltop Drive
Sunrise Avenue
Edward Street
Riverside Crescent
Elizabeth Avenue
North Riverside Drive
Long Island Road
Bridge Street
Rosell Street
Amyot Crescent
Millview Street
Dickinson Circle
Bankfield Road
Fee Street
Highcroft Drive
Colony Heights Road
Clapp Lane
Tighe Street
Ann Street
O'grady Street
Dickinson Street
Manotick Main Street
Cutler Street
Beaverwood Road
Maple Avenue
Scharfield Road

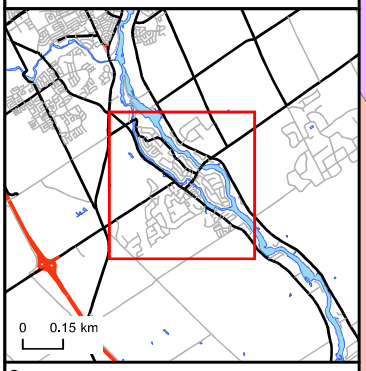
Manotick
Phase 1 Site Assessment
Surface Physiography
Figure 4

#11462 2021-06-15

Legend

- Property Boundary
- Clay Plains
- Drumlins
- Eskers
- Till Plains (Drumlinized)

Notes:
5497 Manotick Main Street
Manotick, ON



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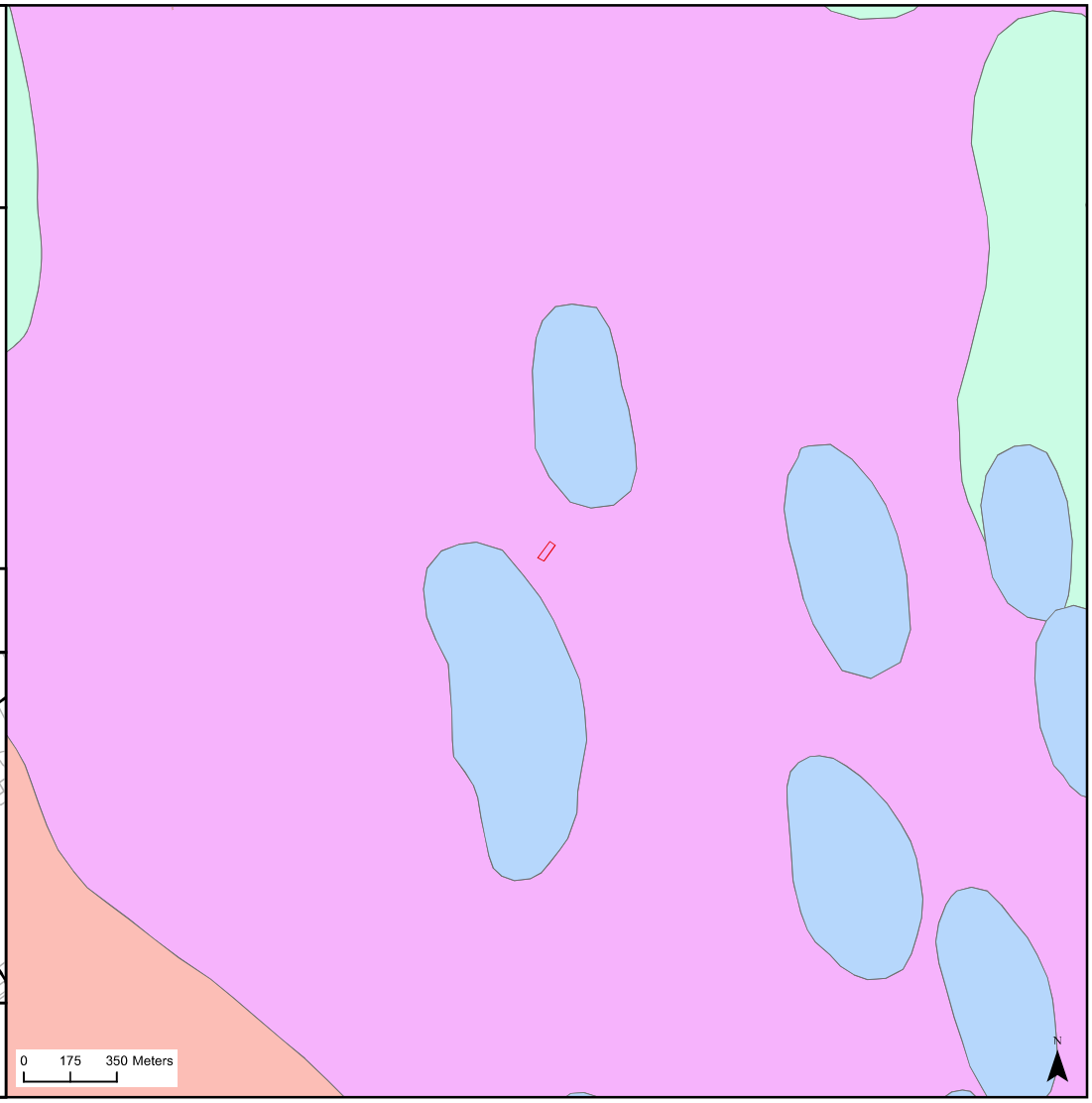


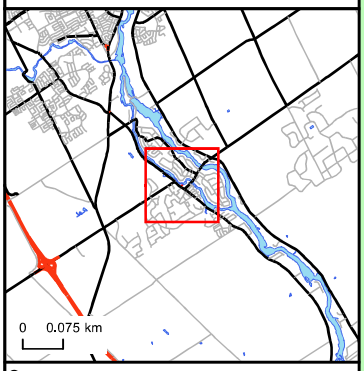
Manotick
Phase 1 Site Assessment
Surface Geology
Figure 5a

#11462 2021-06-15

Legend

- Clay, silty clay and silt, commonly calcareous and fossiliferous; locally overlain by thin sands. Upper parts are generally mottled or laminated reddish brown and bluish grey
- Sandy and silty compact diamicton, grey at depth but brown where oxidized; calcareous where derived from sedimentary rocks and not leached; consists dominantly of lodgment till
- Property Boundary

Notes:
5497 Manotick Main Street
Manotick, ON



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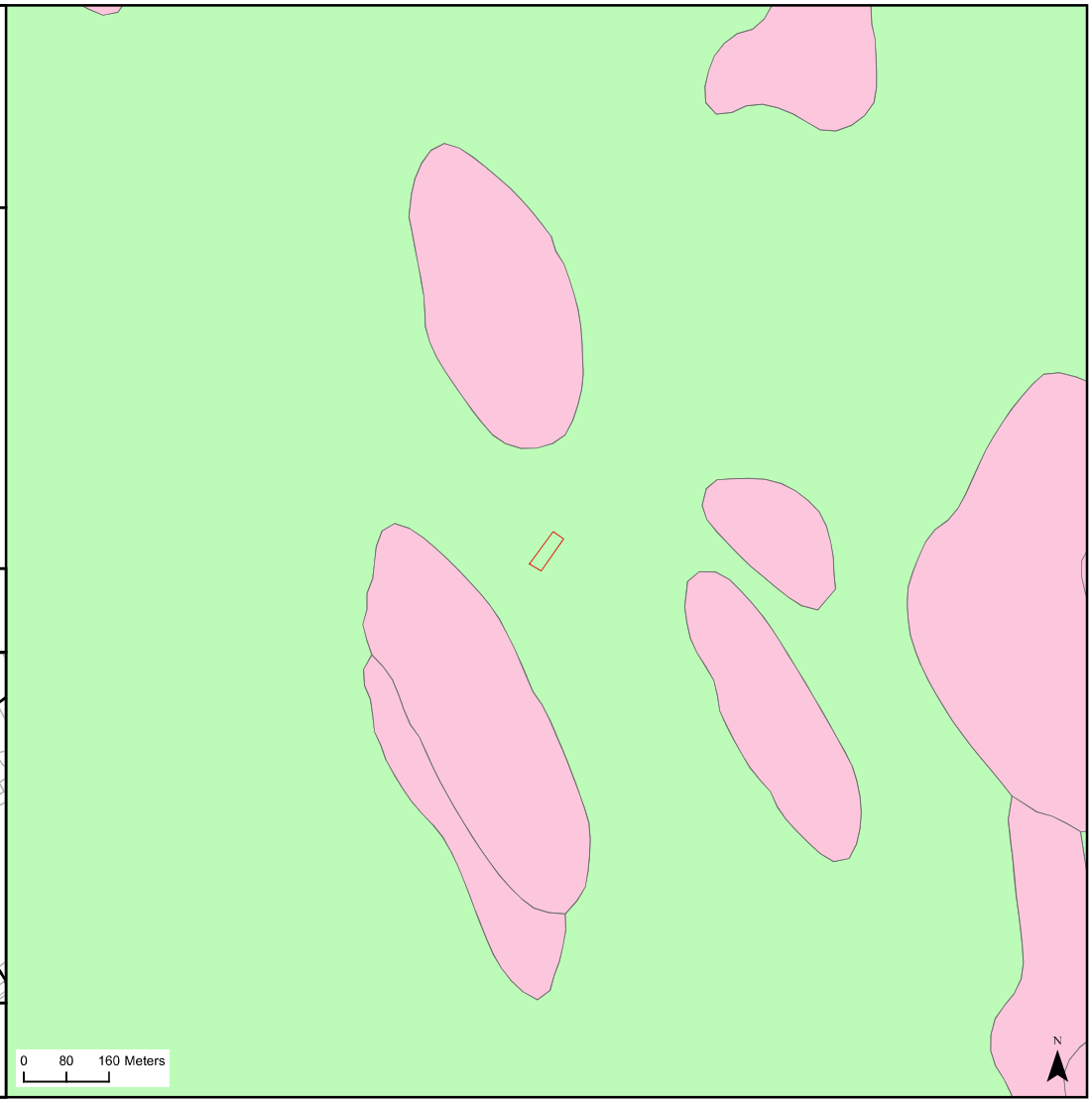
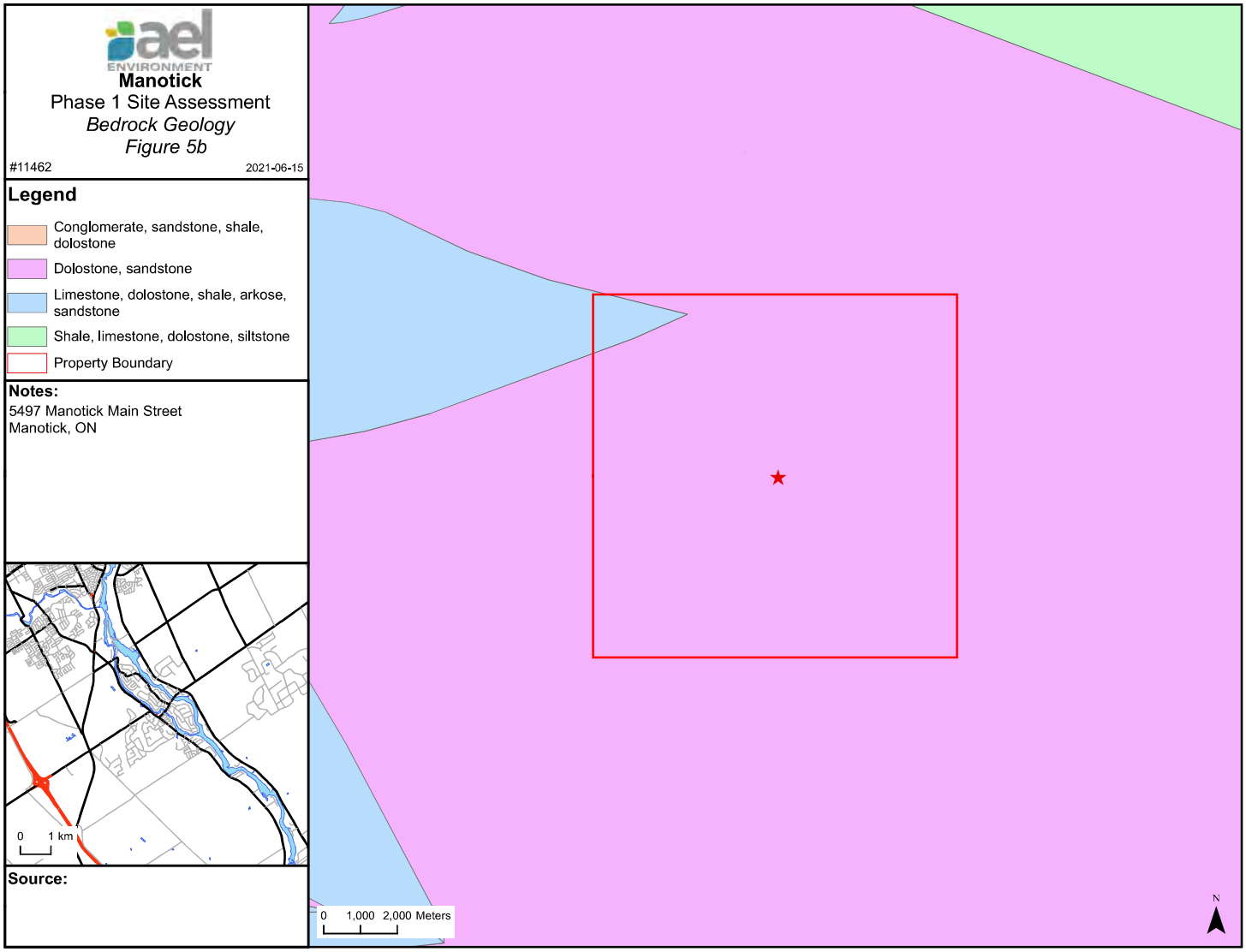



Manotick
Phase 1 Site Assessment
Bedrock Geology
Figure 5b
#11462
2021-06-15
Legend
Conglomerate, sandstone, shale, dolostone
Dolostone, sandstone
Limestone, dolostone, shale, arkose, sandstone
Shale, limestone, dolostone, siltstone
Property Boundary
Notes:
5497 Manotick Main Street
Manotick, ON
0 1 km
Source:
0 1,000 2,000 Meters
N

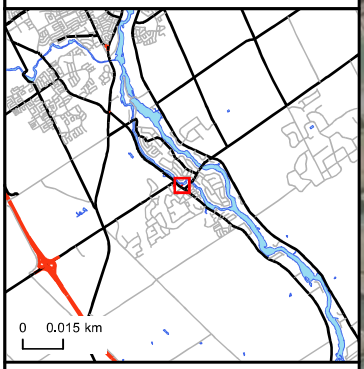
Manotick
Phase 1 Site Assessment
Neighbouring Property Use
Figure 6
#11462 2021-06-15

Legend

Roads

Property Boundary

Notes:
5497 Manotick Main Street
Manotick, ON



Source:

1705 Argentia Rd, Unit 3
Mississauga, ON L5N 3A9
aelenv.com

APPENDIX 1
ECOLOG ERIS SEARCH RESULTS

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

Project Property:	*5497 Main St., Manotick, ON* *5497 Manotick Main Street* *Manotick ON K4M 0E2*
Project No:	
Report Type:	*Standard Report*
Order No:	*20200514002*
Requested by:	*St. Lawrence Testing & Inspection Co. Ltd.*
Date Completed:	*May 19, 2020*

Environmental Risk Information Services
A division of Glacier Media Inc.
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Executive Summary

Property Information:

Project Property:		*5497 Main St., Manotick, ON* *5497 Manotick Main Street Manotick ON K4M 0E2*
Project No:		
Coordinates:		
	Latitude:	*45.2273741*
	Longitude:	*-75.6872634*
	UTM Northing:	*5,008,439.00*
	UTM Easting:	*446,047.80*
	UTM Zone:	*UTM Zone 18T*
Elevation:		*278 FT* *84.88 M*

Order Information:

Order No:	*20200514002*
Date Requested:	*May 14, 2020*
Requested by:	*St. Lawrence Testing & Inspection Co. Ltd.*
Report Type:	*Standard Report*

Historical/Products:

Aerial Photographs	*Aerials - National Collection*
Insurance Products	*Fire Insurance Maps/Inspection Reports/Site Plans*
Physical Setting Report (PSR)	*PSR*

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	*Abandoned Aggregate Inventory*	Y	0	0	0
AGR	*Aggregate Inventory*	Y	0	0	0
AMIS	*Abandoned Mine Information System*	Y	0	0	0
ANDR	*Anderson's Waste Disposal Sites*	Y	0	0	0
AST	*Aboveground Storage Tanks*	Y	0	0	0
AUWR	*Automobile Wrecking & Supplies*	Y	0	0	0
BORE	*Borehole*	Y	0	3	3
CA	*Certificates of Approval*	Y	0	1	1
CDRY	*Dry Cleaning Facilities*	Y	0	0	0
CFOT	*Commercial Fuel Oil Tanks*	Y	0	0	0
CHEM	*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
EASR	*Environmental Activity and Sector Registry*	Y	0	0	0
EBR	*Environmental Registry*	Y	0	0	0
ECA	*Environmental Compliance Approval*	Y	0	0	0
EEM	*Environmental Effects Monitoring*	Y	0	0	0
EHS	*ERIS Historical Searches*	Y	0	8	8
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	13	13
FCON	*Federal Convictions*	Y	0	0	0
FCS	*Contaminated Sites on Federal Land*	Y	0	0	0
FOFT	*Fisheries & Oceans Fuel Tanks*	Y	0	0	0
FRST	*Federal Identification Registry for Storage Tank Systems (FIRSTS)*	Y	0	0	0
FST	*Fuel Storage Tank*	Y	0	0	0
FSTH	*Fuel Storage Tank - Historic*	Y	0	0	0
GEN	*Ontario Regulation 347 Waste Generators Summary*	Y	0	14	14
GHG	*Greenhouse Gas Emissions from Large Facilities*	Y	0	0	0
HINC	*TSSA Historic Incidents*	Y	0	0	0
IAFT	*Indian & Northern Affairs Fuel Tanks*	Y	0	0	0
INC	*Fuel Oil Spills and Leaks*	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
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	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	3	3
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	1	104	105
	Total:		1	146	147

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 1 ON ***Well ID:*** 1506432	SW/9.9	-0.01	36

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	WWIS		lot 1 ON **Well ID:** 1506434	SE/18.8	-0.08	38
3	EHS		5501 to 5511 Main Street Manotick/Ottawa ON	SE/29.7	-0.08	41
4	WWIS		lot 1 ON **Well ID:** 1506431	SE/43.6	-0.08	41
5	WWIS		lot 1 ON **Well ID:** 1506441	WSW/59.5	0.61	44
6	EHS		5497, 5501 & 5511 Main Street and 1139 Bridge Street Manotick ON	E/64.6	0.00	46
7	WWIS		lot 1 ON **Well ID:** 1506469	W/67.0	0.26	46
8	WWIS		lot 1 ON **Well ID:** 1506470	SE/67.2	-0.09	49
9	WWIS		lot 1 con A MANOTICK ON **Well ID:** 7192436	ENE/74.0	0.00	51
10	EHS		5506 Manotick Main Street Manotick ON K4M 0E2	S/78.2	0.97	54
11	WWIS		lot 1 ON **Well ID:** 1506442	W/82.1	0.26	54
12	SPL	MANOTICK PLAZA	5511 RIDEAU VALLEY DRIVE NORTH MALL LOT RIDEAU TWP. ON	E/83.9	0.00	56
12	WWIS		lot 2 ON	E/83.9	0.00	56

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1516549			
12	EHS		5511 Main St. Manotick ON	E/83.9	0.00	59
12	EHS		5511 Main St Ottawa (formerly Manotick) ON	E/83.9	0.00	60
12	SPL	Enbridge Gas Distribution Inc.	5511 Manotick Main Street Ottawa ON	E/83.9	0.00	60
12	GEN	Look Property Maintenance	5511 Manotick Main Street Manotick ON K4M 0E2	E/83.9	0.00	60
13	WWIS		lot 1 ON ***Well ID:*** 1518655	NNW/84.0	0.13	61
14	WWIS		lot 1 ON ***Well ID:*** 1506446	S/87.4	1.27	64
15	WWIS		lot 1 ON ***Well ID:*** 1519086	NNW/96.3	0.63	67
16	WWIS		lot 1 ON ***Well ID:*** 1518586	NNW/102.2	0.13	70
17	WWIS		lot 1 ON ***Well ID:*** 1518584	N/104.3	0.63	73
18	WWIS		lot 1 con A MONOTICK ON ***Well ID:*** 7226507	WSW/105.8	2.94	76
19	WWIS		lot 1 ON ***Well ID:*** 1518364	NNW/107.5	0.13	78
20	WWIS		ON ***Well ID:*** 1500490	NNW/109.4	0.13	81
21	WWIS		MANOTIL ON	ESE/113.9	0.31	84

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7049688			
22	WWIS		lot 1 ON ***Well ID:*** 1506435	ESE/114.6	0.31	87
23	CA	MINISTRY OF THE ENVIRONMENT	MAIN ST./BRIDGE ST. RIDEAU TWP. ON	SE/116.2	0.97	89
23	SPL	s21	Intersection - Manotick and Bridge St. MANOTICK<UNOFFICIAL> Ottawa ON	SE/116.2	0.97	89
24	WWIS		lot 1 ON ***Well ID:*** 1506439	E/123.2	-0.05	90
25	WWIS		OTTAWA MANOTICK ON ***Well ID:*** 7261694	NNW/128.8	1.31	92
26	WWIS		lot 1 ON ***Well ID:*** 1506445	WNW/129.4	1.00	94
27	EHS		1164-1166 Highcroft Drive Ottawa ON	SSW/130.6	4.64	97
28	WWIS		lot 2 con A ON ***Well ID:*** 1514914	WSW/133.8	4.67	97
29	WWIS		lot 1 con A ON ***Well ID:*** 1506438	W/139.8	2.66	100
30	WWIS		MANOTICK ON ***Well ID:*** 7265305	ESE/140.0	1.06	102
31	WWIS		MANOTICK ON ***Well ID:*** 7222362	W/140.7	5.91	105
32	WWIS		MANOTICK ON ***Well ID:*** 7265306	SE/141.6	1.06	107
33	WWIS		lot 1 ON	WNW/143.5	0.00	110

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1506428			
34	BORE		ON	SW/143.7	5.88	112
35	WWIS		lot 1 ON ***Well ID:*** 1506449	SE/146.5	1.00	113
35	WWIS		lot 1 ON ***Well ID:*** 1506440	SE/146.5	1.00	115
36	WWIS		lot 1 con A ON ***Well ID:*** 1506613	S/147.0	3.00	118
37	WWIS		MANOTICK ON ***Well ID:*** 7168472	NNE/147.5	2.00	121
38	WWIS		lot 1 ON ***Well ID:*** 1506429	S/152.0	3.00	122
39	WWIS		lot 1 con A MANOTICK ON ***Well ID:*** 7156956	ESE/152.2	1.00	125
40	WWIS		lot 1 ON ***Well ID:*** 1506459	ESE/152.7	0.97	128
41	WWIS		MANOTICK ON ***Well ID:*** 7246070	ESE/155.9	1.00	131
42	WWIS		MANOTICK ON ***Well ID:*** 7222585	NNW/157.6	2.36	134
43	WWIS		lot 1 con A ON ***Well ID:*** 1506584	W/157.9	7.19	135
44	WWIS		lot 1 con A ON ***Well ID:*** 1506573	WNW/158.0	0.90	138
45	EHS		5526 Main Street Manotick ON	SE/161.5	1.00	140

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
46	WWIS		ON **Well ID:** 1509640	NNW/163.3	2.36	141
47	WWIS		lot 1 ON **Well ID:** 1506433	WNW/165.6	0.03	143
48	WWIS		lot 1 con A ON **Well ID:** 1511644	WNW/165.7	2.71	145
49	WWIS		lot 1 con A ON **Well ID:** 1517663	SW/166.9	9.67	149
50	WWIS		MANOTICK ON **Well ID:** 7246072	ESE/167.8	0.91	152
51	WWIS		lot 2 ON **Well ID:** 1506477	ESE/169.1	1.00	155
52	WWIS		MANOTICK ON **Well ID:** 7246074	ESE/171.6	1.31	157
53	WWIS		lot 1 ON **Well ID:** 1506444	E/172.2	0.00	160
54	WWIS		MANOTICK ON **Well ID:** 7220875	NNW/172.9	2.36	162
55	WWIS		lot 1 ON **Well ID:** 1506443	E/173.0	0.28	169
56	WWIS		ON **Well ID:** 1500515	NE/176.2	4.41	172
57	WWIS		lot 2 ON **Well ID:** 1506455	ESE/176.2	2.08	174
58	WWIS		lot 1 ON	WNW/176.8	2.71	176

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1515434			
59	WWIS		ON ***Well ID:*** 1500580	NNW/177.4	2.36	179
60	WWIS		MANOTICK ON ***Well ID:*** 7265304	ESE/177.6	1.31	182
61	WWIS		lot 1 ON ***Well ID:*** 1514081	ENE/177.9	-0.31	185
62	GEN	927995 Ontario Inc	5521 Manotick Main Street MAnotick ON K4M 1A2	ESE/182.0	2.03	188
62	GEN	terrapex	5521 manotick main street manotick ON	ESE/182.0	2.03	188
62	GEN	927995 Ontario Inc	5521 Manotick Main Street MAnotick ON K4M 1A2	ESE/182.0	2.03	189
62	GEN	927995 Ontario Ltd.	5521 Manotick Main Street Manotick ON	ESE/182.0	2.03	189
62	GEN	Terrapex Environmental Ltd.	5521 Manotick Main Street Manotick ON	ESE/182.0	2.03	189
62	GEN	Terrapex Environmental Ltd.	5521 Manotick Main Street Manotick ON K4M1A8	ESE/182.0	2.03	189
62	GEN	Terrapex Environmental Ltd.	5521 Manotick Main Street Manotick ON K4M1A8	ESE/182.0	2.03	190
62	GEN	Terrapex Environmental Ltd.	5521 Manotick Main Street Manotick ON K4M1A8	ESE/182.0	2.03	190
62	GEN	Terrapex Environmental Ltd.	5521 Manotick Main Street Manotick ON K4M1A8	ESE/182.0	2.03	190
63	BORE		ON	ESE/182.1	2.08	191

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
64	WWIS		lot 2 ON ***Well ID:*** 1506478	ESE/182.1	2.08	192
65	WWIS		lot 1 con A ON ***Well ID:*** 1506577	W/183.1	10.00	194
66	WWIS		MANOTICK ON ***Well ID:*** 7246071	ESE/183.4	2.03	197
67	WWIS		lot 2 ON ***Well ID:*** 1506454	ESE/184.8	2.08	199
68	WWIS		ON ***Well ID:*** 7317451	ESE/186.4	2.08	202
69	BORE		ON	E/186.7	1.47	202
70	WWIS		lot 1 ON ***Well ID:*** 1506436	E/188.4	0.82	203
71	WWIS		MANOTICK ON ***Well ID:*** 7217539	ESE/189.4	2.03	206
72	WWIS		lot 1 ON ***Well ID:*** 1514801	ESE/192.0	2.08	208
73	WWIS		MANOTICK ON ***Well ID:*** 7246073	SE/193.2	2.03	211
74	GEN	Rideau Valley Conservation Authority	1143 Clapp Lane Manotick ON	ESE/193.7	2.13	214
75	WWIS		lot 1 con A ON ***Well ID:*** 1506594	W/198.2	9.80	214
76	WWIS		lot 1 ON	SSE/199.0	2.08	217

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1506447			
77	WWIS		lot 1 ON ***Well ID:*** 1506430	WNW/202.6	-0.08	220
78	WWIS		lot 2 ON ***Well ID:*** 1506450	ESE/202.6	2.86	222
79	WWIS		lot 2 ON ***Well ID:*** 1506452	ESE/203.4	2.13	225
80	EHS		1131 Clapp Lane Ottawa ON K4M0G8	E/204.2	1.69	227
81	WWIS		lot 1 ON ***Well ID:*** 1506475	ESE/204.8	2.86	228
82	WWIS		lot 2 ON ***Well ID:*** 1506474	SE/205.8	2.00	230
83	WWIS		lot 2 ON ***Well ID:*** 1506468	SE/209.0	2.00	232
84	WWIS		lot 2 con A ON ***Well ID:*** 1514236	SSW/211.5	9.78	234
85	WWIS		lot 1 ON ***Well ID:*** 1518101	ESE/216.9	2.92	238
85	WWIS		lot 1 ON ***Well ID:*** 1518224	ESE/216.9	2.92	241
85	WWIS		lot 1 ON ***Well ID:*** 1518758	ESE/216.9	2.92	244
85	WWIS		lot 1 ON ***Well ID:*** 1518993	ESE/216.9	2.92	247
85	WWIS		lot 1 ON	ESE/216.9	2.92	250

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1519082			
85	WWIS		lot 1 ON ***Well ID:*** 1519083	ESE/216.9	2.92	253
85	WWIS		lot 1 ON ***Well ID:*** 1519089	ESE/216.9	2.92	256
85	WWIS		lot 1 ON ***Well ID:*** 1519092	ESE/216.9	2.92	259
85	WWIS		lot 1 ON ***Well ID:*** 1519093	ESE/216.9	2.92	262
85	WWIS		lot 1 ON ***Well ID:*** 1519108	ESE/216.9	2.92	265
85	WWIS		lot 1 ON ***Well ID:*** 1519175	ESE/216.9	2.92	268
85	WWIS		lot 1 ON ***Well ID:*** 1519331	ESE/216.9	2.92	271
85	WWIS		lot 1 ON ***Well ID:*** 1519332	ESE/216.9	2.92	275
85	WWIS		lot 1 ON ***Well ID:*** 1519469	ESE/216.9	2.92	278
86	WWIS		lot 2 ON ***Well ID:*** 1514492	ESE/217.2	2.92	281
87	WWIS		lot 1 con A ON ***Well ID:*** 1514913	W/218.7	9.73	284
88	WWIS		lot 1 con A ON ***Well ID:*** 1518719	W/218.7	10.45	287
89	WWIS		ON	NNW/226.5	3.95	291

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1510260			
90	WWIS		lot 1 con A ON ***Well ID:*** 1506583	WNW/227.7	4.79	293
91	WWIS		lot 1 con A ON ***Well ID:*** 1518034	WNW/232.9	6.20	296
91	WWIS		lot 1 con A ON ***Well ID:*** 1519105	WNW/232.9	6.20	299
92	WWIS		lot 2 ON ***Well ID:*** 1515777	E/233.6	0.21	303
92	GEN	City of Ottawa	1125 Clapp Lane Manotick ON K4M 1A5	E/233.6	0.21	306
92	GEN	City of Ottawa	1125 Clapp Lane Manotick ON	E/233.6	0.21	306
92	GEN	City of Ottawa	1125 Johnstone Clapp Lane Ottawa ON	E/233.6	0.21	307
93	WWIS		ON ***Well ID:*** 7317450	E/234.5	2.31	307
93	WWIS		ON ***Well ID:*** 7317452	E/234.5	2.31	307
94	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE/235.3	3.69	308
94	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE/235.3	3.69	308
94	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE/235.3	3.69	309
94	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE/235.3	3.69	309

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
94	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE/235.3	3.69	309
94	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE/235.3	3.69	309
94	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE/235.3	3.69	310
94	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE/235.3	3.69	310
94	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE/235.3	3.69	310
94	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON NULL	ESE/235.3	3.69	310
94	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON NULL	ESE/235.3	3.69	311
94	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON NULL	ESE/235.3	3.69	311
94	EXP	KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON NULL	ESE/235.3	3.69	311
95	WWIS		MANOTICK ON ***Well ID:*** 7107563	E/236.6	0.00	311
96	WWIS		lot 2 con A ON ***Well ID:*** 1509945	S/237.4	5.00	314
97	WWIS		lot 1 ON ***Well ID:*** 1506437	ENE/246.0	-1.00	316
98	WWIS		lot 2 con A MANOTICK ON	SE/246.2	3.42	319

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7311595			
99	WWIS		lot 1 con A ON ***Well ID:*** 1506579	WNW/246.4	6.20	322
100	WWIS		ON ***Well ID:*** 1500500	NNW/248.7	4.76	324
101	WWIS		lot 1 con A MANOTICK ON ***Well ID:*** 7104234	E/249.2	0.32	327

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 3 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	ON	SW	143.67	34
	ON	ESE	182.13	63
	ON	E	186.68	69

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 1 CA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
MINISTRY OF THE ENVIRONMENT	MAIN ST./BRIDGE ST. RIDEAU TWP. ON	SE	116.22	23

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Jan 31, 2020 has found that there are 8 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	5497, 5501 & 5511 Main Street and 1139 Bridge Street Manotick ON	E	64.59	6
	5506 Manotick Main Street Manotick ON K4M 0E2	S	78.18	10

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	5511 Main St. Manotick ON	E	83.95	12
	5511 Main St Ottawa (formerly Manotick) ON	E	83.95	12
	1164-1166 Highcroft Drive Ottawa ON	SSW	130.59	27
	5526 Main Street Manotick ON	SE	161.46	45
	1131 Clapp Lane Ottawa ON K4M0G8	E	204.19	80

Lower Elevation	Address	Direction	Distance (m)	Map Key
	5501 to 5511 Main Street Manotick/Ottawa ON	SE	29.71	3

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Feb 28, 2017 has found that there are 13 EXP site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON NULL	ESE	235.29	94
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON NULL	ESE	235.29	94
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON NULL	ESE	235.29	94
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON NULL	ESE	235.29	94

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE	235.29	94
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE	235.29	94
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE	235.29	94
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE	235.29	94
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE	235.29	94
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE	235.29	94
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE	235.29	94
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE	235.29	94
KARL H POLSTERER MANOTICK SERVICE CENTRE	5527 MAIN ST MANOTICK ON	ESE	235.29	94

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jan 31, 2020 has found that there are 14 GEN site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Look Property Maintenance	5511 Manotick Main Street Manotick ON K4M 0E2	E	83.95	12

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
927995 Ontario Inc	5521 Manotick Main Street MAnotick ON K4M 1A2	ESE	181.96	62
terrapex	5521 manotick main street manotick ON	ESE	181.96	62
Terrapex Environmental Ltd.	5521 Manotick Main Street Manotick ON K4M1A8	ESE	181.96	62
Terrapex Environmental Ltd.	5521 Manotick Main Street Manotick ON K4M1A8	ESE	181.96	62
Terrapex Environmental Ltd.	5521 Manotick Main Street Manotick ON K4M1A8	ESE	181.96	62
Terrapex Environmental Ltd.	5521 Manotick Main Street Manotick ON K4M1A8	ESE	181.96	62
Terrapex Environmental Ltd.	5521 Manotick Main Street Manotick ON	ESE	181.96	62
927995 Ontario Ltd.	5521 Manotick Main Street Manotick ON	ESE	181.96	62
927995 Ontario Inc	5521 Manotick Main Street MAnotick ON K4M 1A2	ESE	181.96	62
Rideau Valley Conservation Authority	1143 Clapp Lane Manotick ON	ESE	193.70	74
City of Ottawa	1125 Clapp Lane Manotick ON K4M 1A5	E	233.62	92

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
City of Ottawa	1125 Clapp Lane Manotick ON	E	233.62	92
City of Ottawa	1125 Johnstone Clapp Lane Ottawa ON	E	233.62	92

SPL - Ontario Spills

A search of the SPL database, dated 1988-Nov 2019 has found that there are 3 SPL site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
Enbridge Gas Distribution Inc.	5511 Manotick Main Street Ottawa ON	E	83.95	12
MANOTICK PLAZA	5511 RIDEAU VALLEY DRIVE NORTH MALL LOT RIDEAU TWP. ON	E	83.95	12
s21	Intersection - Manotick and Bridge St. MANOTICK<UNOFFICIAL> Ottawa ON	SE	116.22	23

WWIS - Water Well Information System

A search of the WWIS database, dated Feb 28, 2019 has found that there are 104 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 1 ON ***Well ID:*** 1506441	WSW	59.49	5
	lot 1 ON ***Well ID:*** 1506469	W	67.03	7
	lot 1 con A MANOTICK ON ***Well ID:*** 7192436	ENE	73.95	9
	lot 1 ON	W	82.06	11

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Well ID: 1506442			
	lot 2 ON ***Well ID:*** 1516549	E	83.95	12
	lot 1 ON ***Well ID:*** 1518655	NNW	83.95	13
	lot 1 ON ***Well ID:*** 1506446	S	87.37	14
	lot 1 ON ***Well ID:*** 1519086	NNW	96.34	15
	lot 1 ON ***Well ID:*** 1518586	NNW	102.18	16
	lot 1 ON ***Well ID:*** 1518584	N	104.31	17
	lot 1 con A MONOTICK ON ***Well ID:*** 7226507	WSW	105.85	18
	lot 1 ON ***Well ID:*** 1518364	NNW	107.52	19
	ON ***Well ID:*** 1500490	NNW	109.44	20
	MANOTIL ON ***Well ID:*** 7049688	ESE	113.88	21
	lot 1 ON ***Well ID:*** 1506435	ESE	114.62	22

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	OTTAWA MANOTICK ON ***Well ID:*** 7261694	NNW	128.82	25
	lot 1 ON ***Well ID:*** 1506445	WNW	129.36	26
	lot 2 con A ON ***Well ID:*** 1514914	WSW	133.77	28
	lot 1 con A ON ***Well ID:*** 1506438	W	139.83	29
	MANOTICK ON ***Well ID:*** 7265305	ESE	139.97	30
	MANOTICK ON ***Well ID:*** 7222362	W	140.73	31
	MANOTICK ON ***Well ID:*** 7265306	SE	141.62	32
	lot 1 ON ***Well ID:*** 1506428	WNW	143.45	33
	lot 1 ON ***Well ID:*** 1506449	SE	146.48	35
	lot 1 ON ***Well ID:*** 1506440	SE	146.48	35
	lot 1 con A ON ***Well ID:*** 1506613	S	147.03	36
	MANOTICK ON	NNE	147.54	37

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Well ID: 7168472			
	lot 1 ON ***Well ID:*** 1506429	S	152.03	38
	lot 1 con A MANOTICK ON ***Well ID:*** 7156956	ESE	152.24	39
	lot 1 ON ***Well ID:*** 1506459	ESE	152.75	40
	MANOTICK ON ***Well ID:*** 7246070	ESE	155.88	41
	MANOTICK ON ***Well ID:*** 7222585	NNW	157.59	42
	lot 1 con A ON ***Well ID:*** 1506584	W	157.92	43
	lot 1 con A ON ***Well ID:*** 1506573	WNW	158.03	44
	ON ***Well ID:*** 1509640	NNW	163.27	46
	lot 1 ON ***Well ID:*** 1506433	WNW	165.59	47
	lot 1 con A ON ***Well ID:*** 1511644	WNW	165.71	48
	lot 1 con A ON ***Well ID:*** 1517663	SW	166.88	49

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	MANOTICK ON ***Well ID:*** 7246072	ESE	167.77	50
	lot 2 ON ***Well ID:*** 1506477	ESE	169.09	51
	MANOTICK ON ***Well ID:*** 7246074	ESE	171.56	52
	lot 1 ON ***Well ID:*** 1506444	E	172.24	53
	MANOTICK ON ***Well ID:*** 7220875	NNW	172.91	54
	lot 1 ON ***Well ID:*** 1506443	E	173.02	55
	ON ***Well ID:*** 1500515	NE	176.20	56
	lot 2 ON ***Well ID:*** 1506455	ESE	176.23	57
	lot 1 ON ***Well ID:*** 1515434	WNW	176.79	58
	ON ***Well ID:*** 1500580	NNW	177.41	59
	MANOTICK ON ***Well ID:*** 7265304	ESE	177.57	60
	lot 2 ON	ESE	182.15	64

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Well ID: 1506478			
	lot 1 con A ON ***Well ID:*** 1506577	W	183.14	65
	MANOTICK ON ***Well ID:*** 7246071	ESE	183.37	66
	lot 2 ON ***Well ID:*** 1506454	ESE	184.80	67
	ON ***Well ID:*** 7317451	ESE	186.45	68
	lot 1 ON ***Well ID:*** 1506436	E	188.38	70
	MANOTICK ON ***Well ID:*** 7217539	ESE	189.42	71
	lot 1 ON ***Well ID:*** 1514801	ESE	192.00	72
	MANOTICK ON ***Well ID:*** 7246073	SE	193.18	73
	lot 1 con A ON ***Well ID:*** 1506594	W	198.23	75
	lot 1 ON ***Well ID:*** 1506447	SSE	198.98	76
	lot 2 ON ***Well ID:*** 1506450	ESE	202.63	78

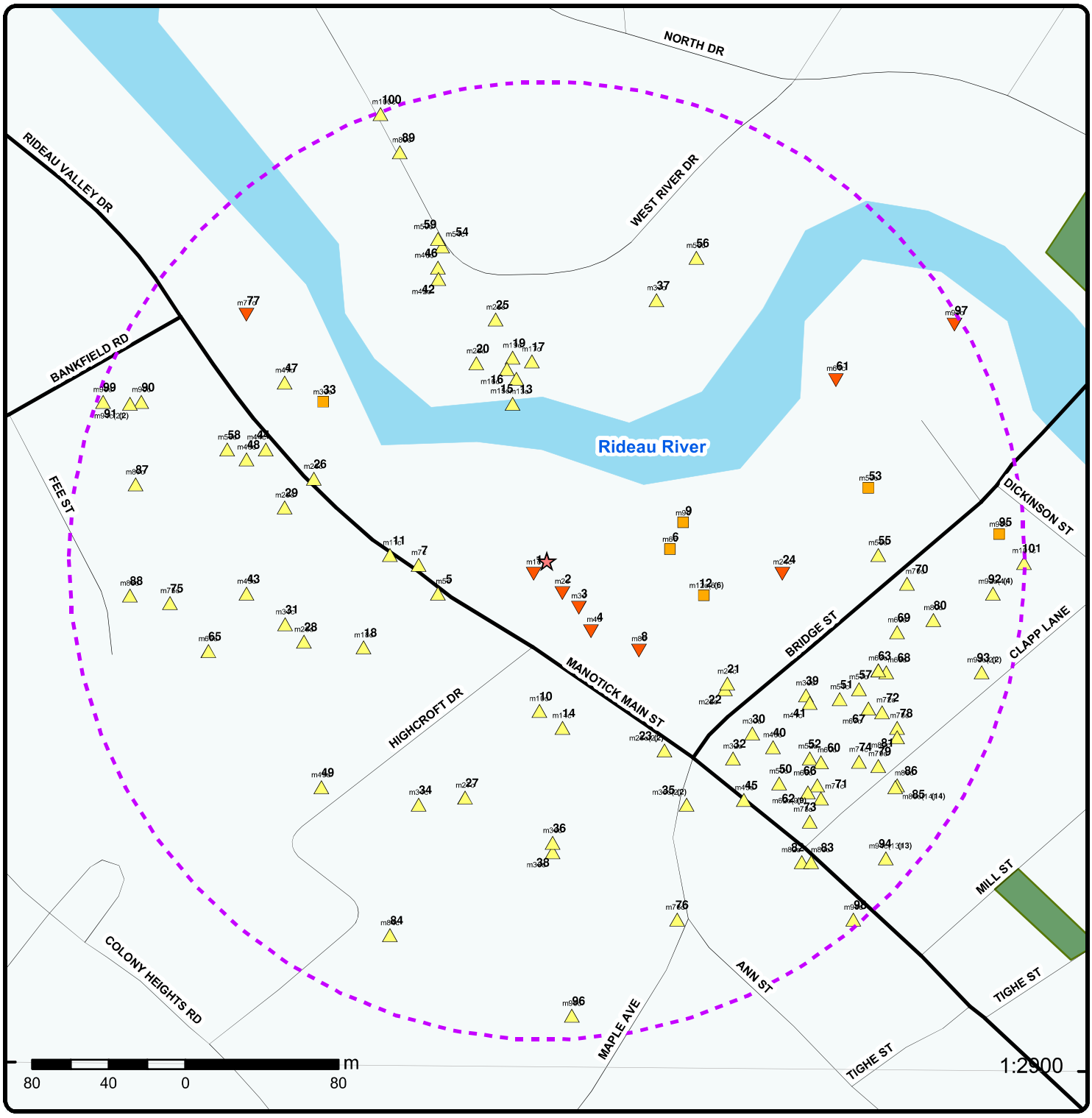
Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 2 ON ***Well ID:*** 1506452	ESE	203.41	79
	lot 1 ON ***Well ID:*** 1506475	ESE	204.82	81
	lot 2 ON ***Well ID:*** 1506474	SE	205.76	82
	lot 2 ON ***Well ID:*** 1506468	SE	209.03	83
	lot 2 con A ON ***Well ID:*** 1514236	SSW	211.54	84
	lot 1 ON ***Well ID:*** 1518101	ESE	216.90	85
	lot 1 ON ***Well ID:*** 1518224	ESE	216.90	85
	lot 1 ON ***Well ID:*** 1518758	ESE	216.90	85
	lot 1 ON ***Well ID:*** 1518993	ESE	216.90	85
	lot 1 ON ***Well ID:*** 1519082	ESE	216.90	85
	lot 1 ON ***Well ID:*** 1519083	ESE	216.90	85
	lot 1 ON	ESE	216.90	85

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Well ID: 1519089			
	lot 1 ON	ESE	216.90	85
	Well ID: 1519092			
	lot 1 ON	ESE	216.90	85
	Well ID: 1519093			
	lot 1 ON	ESE	216.90	85
	Well ID: 1519108			
	lot 1 ON	ESE	216.90	85
	Well ID: 1519175			
	lot 1 ON	ESE	216.90	85
	Well ID: 1519331			
	lot 1 ON	ESE	216.90	85
	Well ID: 1519332			
	lot 1 ON	ESE	216.90	85
	Well ID: 1519469			
	lot 2 ON	ESE	217.20	86
	Well ID: 1514492			
	lot 1 con A ON	W	218.69	87
	Well ID: 1514913			
	lot 1 con A ON	W	218.75	88
	Well ID: 1518719			
	ON	NNW	226.49	89
	Well ID: 1510260			

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	lot 1 con A ON ***Well ID:*** 1506583	WNW	227.67	90
	lot 1 con A ON ***Well ID:*** 1518034	WNW	232.91	91
	lot 1 con A ON ***Well ID:*** 1519105	WNW	232.91	91
	lot 2 ON ***Well ID:*** 1515777	E	233.62	92
	ON ***Well ID:*** 7317450	E	234.48	93
	ON ***Well ID:*** 7317452	E	234.48	93
	MANOTICK ON ***Well ID:*** 7107563	E	236.61	95
	lot 2 con A ON ***Well ID:*** 1509945	S	237.36	96
	lot 2 con A MANOTICK ON ***Well ID:*** 7311595	SE	246.24	98
	lot 1 con A ON ***Well ID:*** 1506579	WNW	246.40	99
	ON ***Well ID:*** 1500500	NNW	248.71	100
	lot 1 con A MANOTICK ON	E	249.20	101

Equal/Higher Elevation	Address	Direction	Distance (m)	Map Key
	Well ID: 7104234			

Lower Elevation	Address	Direction	Distance (m)	Map Key
	lot 1 ON ***Well ID:*** 1506432	SW	9.90	1
	lot 1 ON ***Well ID:*** 1506434	SE	18.79	2
	lot 1 ON ***Well ID:*** 1506431	SE	43.57	4
	lot 1 ON ***Well ID:*** 1506470	SE	67.18	8
	lot 1 ON ***Well ID:*** 1506439	E	123.20	24
	lot 1 ON ***Well ID:*** 1514081	ENE	177.86	61
	lot 1 ON ***Well ID:*** 1506430	WNW	202.57	77
	lot 1 ON ***Well ID:*** 1506437	ENE	245.96	97



Map : 0.25 Kilometer Radius

Order Number: 20200514002

Address: 5497 Manotick Main Street, Manotick, ON

ERIS
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

75°42'W

75°40'30"W

45°13'30"N

45°13'30"N

Aerial

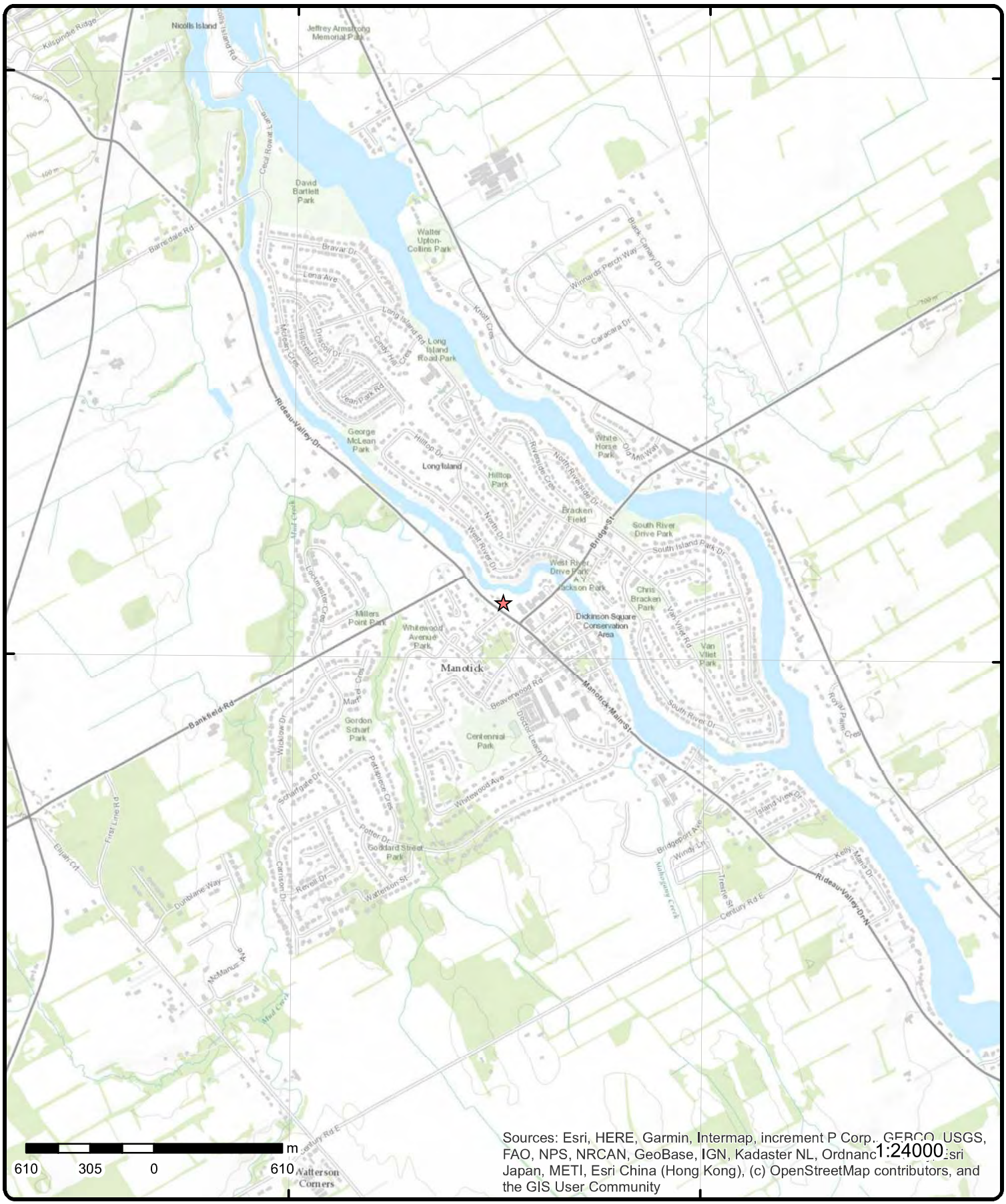
Year: 2019

Order Number: 20200514002

Address: 5497 Manotick Main Street, Manotick, ON

Source: ESRI World Imagery

ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Address: 5497 Manotick Main Street, ON

Source: ESRI World Topographic Map

Order Number: 20200514002

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
1	1 of 1	SW/9.9	84.9 / -0.01	lot 1 ON	WWIS

Well ID:	1506432	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Municipal	**Date Received:**	11/18/1952
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028468	**Elevation:**	87.113281
DP2BR:	38	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446040.8
Code OB Desc:	Bedrock	**North83:**	5008432
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	9/9/1952	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004508
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	

Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 23
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004509
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 23
Formation End Depth: 38
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004510
Layer: 3
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 38
Formation End Depth: 90
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10577038
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049679
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:

Depth To:	42
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049680
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	90
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506432
Pump Set At:	
Static Level:	22
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460579
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90
Water Found Depth UOM:	ft

2 | ***1 of 1*** | ***SE/18.8*** | ***84.8 / -0.08*** | ***lot 1 ON*** | ***WWIS***

Well ID:	1506434	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	3/31/1953
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3725
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	

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

Bore Hole Information

Bore Hole ID:	10028470	***Elevation:***	87.034347
DP2BR:	33	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446055.8
Code OB Desc:	Bedrock	***North83:***	5008422
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	1/23/1953	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004515
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	33
Formation End Depth:	69
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004514
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	23
Formation End Depth:	33
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004513
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	23
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10577040
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049683
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	33
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049684
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	69
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506434
Pump Set At:	
Static Level:	21
Final Level After Pumping:	28
Recommended Pump Depth:	
Pumping Rate:	68
Flowing Rate:	

Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	25
Flowing:	N

Water Details

Water ID:	933460582
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	46
Water Found Depth UOM:	ft

---

3 | ***1 of 1*** | ***SE/29.7*** | ***84.8 / -0.08*** | ***5501 to 5511 Main Street Manotick/Ottawa ON*** | ***EHS***

Order No:	20060612007	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Complete Report	**Client Prov/State:**	ON
Report Date:	6/20/2006	**Search Radius (km):**	0.25
Date Received:	6/12/2006	**X:**	-75.686844
Previous Site Name:		**Y:**	45.226831
Lot/Building Size:	69,400 square feet		
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans		

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4 | ***1 of 1*** | ***SE/43.6*** | ***84.8 / -0.08*** | ***lot 1 ON*** | ***WWIS***

Well ID:	1506431	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Municipal	**Date Received:**	11/26/1951
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028467	**Elevation:**	87.378936
DP2BR:	25	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446070.8
Code OB Desc:	Bedrock	**North83:**	5008402

Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	1/19/1951	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004504
Layer:	1
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	05
Other Materials:	CLAY
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	15
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004505
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	15
Formation End Depth:	25
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004507
Layer:	4
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	40
Formation End Depth:	65
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004506
Layer:	3
Color:	
General Color:	
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	25
Formation End Depth:	40
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10577037
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049677
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	27
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049678
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	65
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506431
Pump Set At:	
Static Level:	11
Final Level After Pumping:	

Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460578
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65
Water Found Depth UOM:	ft

---

5 ***1 of 1*** ***WSW/59.5*** ***85.5 / 0.61*** ***lot 1 ON*** ***WWIS***

Well ID:	1506441	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Municipal	***Date Received:***	8/31/1955
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028477	***Elevation:***	89.060829
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	445990.8
Code OB Desc:	Overburden	***North83:***	5008422
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	4/10/1955	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004535
Layer:	2
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	05
Other Materials:	CLAY
Mat3:	
Other Materials:	
Formation Top Depth:	20
Formation End Depth:	29
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004536
Layer:	3
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	29
Formation End Depth:	45
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004534
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	20
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10577047
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049697
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	45
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506441
Pump Set At:	
Static Level:	10
Final Level After Pumping:	15
Recommended Pump Depth:	
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460590
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

6	***1 of 1***	***E/64.6***	***84.9 / 0.00***	***5497, 5501 & 5511 Main Street and 1139 Bridge Street Manotick ON***	***EHS***

Order No:	20070727003	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	CAN - Custom Report	***Client Prov/State:***	
Report Date:	8/7/2007	***Search Radius (km):***	0.25
Date Received:	7/27/2007	***X:***	-75.686445
Previous Site Name:		***Y:***	45.227434
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps And /or Site Plans		

7	***1 of 1***	***W/67.0***	***85.1 / 0.26***	***lot 1 ON***	***WWIS***

Well ID:	1506469	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Municipal	**Date Received:**	11/26/1957
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028505	**Elevation:**	88.804954
DP2BR:	20	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445980.8
Code OB Desc:	Bedrock	**North83:**	5008437
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	8/27/1957	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004603
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	20
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004604
Layer:	2
Color:	
General Color:	

Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	20
Formation End Depth:	51
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10577075
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049752
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	51
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049751
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506469
Pump Set At:	
Static Level:	11
Final Level After Pumping:	16
Recommended Pump Depth:	
Pumping Rate:	5
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1

Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460618
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	51
Water Found Depth UOM:	ft

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8 | ***1 of 1*** | ***SE/67.2*** | ***84.8 / -0.09*** | ***lot 1 ON*** | ***WWIS***

Well ID:	1506470	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/26/1957
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028506	**Elevation:**	86.410804
DP2BR:	28	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446095.8
Code OB Desc:	Bedrock	**North83:**	5008392
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	11/12/1957	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004606
Layer:	2

Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 28
Formation End Depth: 48
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004605
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 28
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10577076
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049753
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 28
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049754
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE

Depth From:	
Depth To:	48
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506470
Pump Set At:	
Static Level:	10
Final Level After Pumping:	12
Recommended Pump Depth:	
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460619
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48
Water Found Depth UOM:	ft

9 | ***1 of 1*** | ***ENE/74.0*** | ***84.9 / 0.00*** | ***lot 1 con A MANOTICK ON*** | ***WWIS***

Well ID:	7192436	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	12/4/2012
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	1119
Casing Material:		**Form Version:**	7
Audit No:	Z144581	**Owner:**	
Tag:		**Street Name:**	1145 BRIDGE STREET
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	LOT 4
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1004212685	**Elevation:**	82.393348
DP2BR:		**Elevrc:**	

Spatial Status:		***Zone:***	18
Code OB:		***East83:***	446119
Code OB Desc:		***North83:***	5008459
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	5
Date Completed:	6/19/2012	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	digit
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Annular Space/Abandonment Sealing Record

Plug ID:	1004450712
Layer:	4
Plug From:	127
Plug To:	0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1004450710
Layer:	2
Plug From:	47
Plug To:	0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1004450711
Layer:	3
Plug From:	99
Plug To:	0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1004450706
Layer:	2
Plug From:	0
Plug To:	47
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1004450709
Layer:	1
Plug From:	71
Plug To:	0
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID: 1004450705
Layer: 1
Plug From: 0
Plug To: 71
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1004450707
Layer: 3
Plug From: 0
Plug To: 99
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1004450708
Layer: 4
Plug From: 0
Plug To: 127
Plug Depth UOM: ft

Pipe Information

Pipe ID: 1004450698
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1004450702
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: 1004450703
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Hole Diameter

Hole ID: 1004450700
Diameter:
Depth From:

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

Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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10 | ***1 of 1*** | ***S/78.2*** | ***85.8 / 0.97*** | ***5506 Manotick Main Street Manotick ON K4M 0E2*** | ***EHS***

Order No:	20191129002	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Standard Report	***Client Prov/State:***	ON
Report Date:	04-DEC-19	***Search Radius (km):***	.25
Date Received:	29-NOV-19	***X:***	-75.687306
Previous Site Name:		***Y:***	45.226671
Lot/Building Size:			

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

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11 | ***1 of 1*** | ***W/82.1*** | ***85.1 / 0.26*** | ***lot 1 ON*** | ***WWIS***

Well ID:	1506442	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Municipal	***Date Received:***	8/31/1955
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028478	***Elevation:***	89.169395
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	o	***East83:***	445965.8
Code OB Desc:	Overburden	***North83:***	5008442
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	7/14/1955	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID: 931004538

Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	32
Formation End Depth:	45
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004537
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	32
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10577048
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049698
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	45
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506442
Pump Set At:	
Static Level:	16

Final Level After Pumping:	30
Recommended Pump Depth:	
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460591
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

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12 | ***1 of 6*** | ***E/83.9*** | ***84.9 / 0.00*** | ***MANOTICK PLAZA***
5511 RIDEAU VALLEY DRIVE NORTH MALL LOT
RIDEAU TWP. ON | ***SPL***

Ref No:	43869	**Discharger Report:**	
Site No:		**Material Group:**	
Incident Dt:	11/24/1990	**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:	CONFIRMED	**Site Municipality:**	20612
Nature of Impact:	Soil contamination	**Site Lot:**	
Receiving Medium:	LAND	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	F.D.
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	11/24/1990	**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:	SHOPPING MALL-500 L FURNACE OIL TO GROUND. CONTAINED.		
Contaminant Qty:			

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12 | ***2 of 6*** | ***E/83.9*** | ***84.9 / 0.00*** | ***lot 2***
ON | ***WWIS***

Well ID:	1516549	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	7/12/1978
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644

Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10038460	***Elevation:***	84.622581
DP2BR:	32	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446129.8
Code OB Desc:	Bedrock	***North83:***	5008421
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	4/25/1978	***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:	931032476
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	29
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931032477
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	

Formation Top Depth:	29
Formation End Depth:	32
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931032478
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	32
Formation End Depth:	56
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10587030
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930067585
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	34
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991516549
Pump Set At:	
Static Level:	15
Final Level After Pumping:	25
Recommended Pump Depth:	25
Pumping Rate:	50
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:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934101183
Test Type:	Draw Down
Test Duration:	15
Test Level:	25
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934641988
Test Type:	Draw Down
Test Duration:	45
Test Level:	25
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934380897
Test Type:	Draw Down
Test Duration:	30
Test Level:	25
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934899890
Test Type:	Draw Down
Test Duration:	60
Test Level:	25
Test Level UOM:	ft

Water Details

Water ID:	933472876
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	53
Water Found Depth UOM:	ft

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12 | ***3 of 6*** | ***E/83.9*** | ***84.9 / 0.00*** | ***5511 Main St. Manotick ON*** | ***EHS***

Order No:	20010501004	**Nearest Intersection:**	at Bridge st.
Status:	C	**Municipality:**	
Report Type:	Complete Report	**Client Prov/State:**	ON
Report Date:	5/8/01	**Search Radius (km):**	0.25
Date Received:	5/1/01	**X:**	-75.686493
Previous Site Name:		**Y:**	45.226769
Lot/Building Size:	Map attached		
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	4 of 6	E/83.9	84.9 / 0.00	5511 Main St Ottawa (formerly Manotick) ON	EHS

Order No:	20040419006	**Nearest Intersection:**	Main St & Mitch Owens Rd
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	4/28/04	**Search Radius (km):**	0.25
Date Received:	4/19/04	**X:**	-75.786461
Previous Site Name:		**Y:**	1
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	5 of 6	E/83.9	84.9 / 0.00	Enbridge Gas Distribution Inc. 5511 Manotick Main Street Ottawa ON	SPL

Ref No:	2841-9NBJNG	**Discharger Report:**	
Site No:	NA	**Material Group:**	
Incident Dt:	2014/08/25	**Health/Env Conseq:**	
Year:		**Client Type:**	
Incident Cause:	Leak/Break	**Sector Type:**	Pipeline/Components
Incident Event:		**Agency Involved:**	
Contaminant Code:	35	**Nearest Watercourse:**	
Contaminant Name:	NATURAL GAS (METHANE)	**Site Address:**	5511 Manotick Main Street
Contaminant Limit 1:		**Site District Office:**	
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Confirmed	**Site Municipality:**	Ottawa
Nature of Impact:	Air Pollution	**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:	2014/08/25	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill
Incident Reason:	Other	**Source Type:**	
Site Name:	Small Commercial Strip Plaza<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	TSSA: Header main strike, had locates, made safe		
Contaminant Qty:	0 other - see incident description		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
12	6 of 6	E/83.9	84.9 / 0.00	Look Property Maintenance 5511 Manotick Main Street Manotick ON K4M 0E2	GEN

Generator No:	ON9051116	**PO Box No:**	
Status:	Registered	**Country:**	Canada
Approval Years:	As of Oct 2019	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:			
SIC Description:			

Detail(s)

Waste Class:	251 L
Waste Class Desc:	Waste oils/sludges (petroleum based)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	1 of 1	NNW/84.0	85.0 / 0.13	lot 1 ON	WWIS

Well ID: 1518655
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: 11/8/1983
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NORTH GOWER TOWNSHIP
Site Info:
Lot: 001
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10040525
DP2BR: 43
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 10/12/1983
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 81.311965
Elevrc:
Zone: 18
East83: 446029.8
North83: 5008521
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931039100
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 10
Formation End Depth: 43
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931039102

Layer:	4
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	115
Formation End Depth:	125
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931039099
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931039101
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	43
Formation End Depth:	115
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10589095
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930070745
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	45
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930070746
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	125
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991518655
Pump Set At:	
Static Level:	15
Final Level After Pumping:	70
Recommended Pump Depth:	70
Pumping Rate:	30
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:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934379972
Test Type:	Draw Down
Test Duration:	30
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934649953
Test Type:	Draw Down
Test Duration:	45
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934103967

Test Type:	Draw Down
Test Duration:	15
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934899492
Test Type:	Draw Down
Test Duration:	60
Test Level:	70
Test Level UOM:	ft

Water Details

Water ID:	933475420
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	75
Water Found Depth UOM:	ft

Water Details

Water ID:	933475421
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	120
Water Found Depth UOM:	ft

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14 | **1 of 1** | **S/87.4** | **86.2 / 1.27** | **lot 1 ON** | **WWIS**

Well ID:	1506446	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/6/1958
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4216
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028482	**Elevation:**	88.429527
DP2BR:	60	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446055.8
Code OB Desc:	Bedrock	**North83:**	5008352

Open Hole:
Cluster Kind:
Date Completed: 7/22/1958
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9

Overburden and Bedrock Materials Interval

Formation ID: 931004547
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 60
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004548
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 60
Formation End Depth: 100
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004549
Layer: 3
Color:
General Color:
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 100
Formation End Depth: 125
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10577052
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049705
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 60
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049706
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 125
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506446
Pump Set At:
Static Level: 50
Final Level After Pumping: 55
Recommended Pump Depth:
Pumping Rate: 30
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933460595
Layer: 1

Kind Code:	1
Kind:	FRESH
Water Found Depth:	100
Water Found Depth UOM:	ft

15 | **1 of 1** | **NNW/96.3** | **85.5 / 0.63** | **lot 1 ON** | **WWIS**

Well ID:	1519086	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/23/1984
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040956	**Elevation:**	82.763244
DP2BR:	42	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446031.8
Code OB Desc:	Bedrock	**North83:**	5008534
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	7/6/1984	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	gis
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931040552
Layer:	3
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	115
Formation End Depth:	125
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040550
Layer:	1
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	42
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040551
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	42
Formation End Depth:	115
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10589526
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930071503
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	44
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930071504
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	125
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519086
Pump Set At:	
Static Level:	20
Final Level After Pumping:	100
Recommended Pump Depth:	100
Pumping Rate:	15
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:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934106906
Test Type:	Draw Down
Test Duration:	15
Test Level:	100
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381647
Test Type:	Draw Down
Test Duration:	30
Test Level:	100
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934901154
Test Type:	Draw Down
Test Duration:	60
Test Level:	100
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934651625
Test Type:	Draw Down
Test Duration:	45
Test Level:	100

Test Level UOM: ft

Water Details

Water ID: 933475969
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 120
Water Found Depth UOM: ft

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16 | ***1 of 1*** | ***NNW/102.2*** | ***85.0 / 0.13*** | ***lot 1 ON*** | ***WWIS***

Well ID: 1518586
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: 10/13/1983
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NORTH GOWER TOWNSHIP
Site Info:
Lot: 001
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10040456
DP2BR: 27
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 9/6/1983
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 83.252075
Elevrc:
Zone: 18
East83: 446026.8
North83: 5008539
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: gis

Overburden and Bedrock Materials Interval

Formation ID: 931038886
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN

Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 6
Formation End Depth: 27
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931038888
Layer: 4
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 78
Formation End Depth: 84
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931038885
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931038887
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 27
Formation End Depth: 78
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10589026
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930070617
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 84
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930070616
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 29
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991518586
Pump Set At:
Static Level: 20
Final Level After Pumping: 60
Recommended Pump Depth: 60
Pumping Rate: 15
Flowing Rate:
Recommended Pump Rate: 15
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934103899
Test Type: Draw Down
Test Duration: 15
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934379903
Test Type:	Draw Down
Test Duration:	30
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934649884
Test Type:	Draw Down
Test Duration:	45
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934899006
Test Type:	Draw Down
Test Duration:	60
Test Level:	60
Test Level UOM:	ft

Water Details

Water ID:	933475327
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80
Water Found Depth UOM:	ft

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17 | ***1 of 1*** | ***N/104.3*** | ***85.5 / 0.63*** | ***lot 1 ON*** | ***WWIS***

Well ID:	1518584	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	10/13/1983
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040454	***Elevation:***	84.266288

DP2BR:	29	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446039.8
Code OB Desc:	Bedrock	**North83:**	5008543
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	9/6/1983	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	gis
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931038880
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	6
Formation End Depth:	29
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931038879
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931038881
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	29

Formation End Depth:	76
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931038882
Layer:	4
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	76
Formation End Depth:	84
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10589024
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930070612
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	31
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930070613
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	84
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991518584
Pump Set At:	
Static Level:	20
Final Level After Pumping:	60
Recommended Pump Depth:	60
Pumping Rate:	20
Flowing Rate:	
Recommended Pump Rate:	20
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934899004
Test Type:	Draw Down
Test Duration:	60
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934379901
Test Type:	Draw Down
Test Duration:	30
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934103897
Test Type:	Draw Down
Test Duration:	15
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934649882
Test Type:	Draw Down
Test Duration:	45
Test Level:	60
Test Level UOM:	ft

Water Details

Water ID:	933475325
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	79
Water Found Depth UOM:	ft

18	***1 of 1***	***WSW/105.8***	***87.8 / 2.94***	***lot 1 con A MONOTICK ON***	***WWIS***

Well ID:	7226507	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	9/2/2014
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	Yes
Water Type:		**Contractor:**	1119
Casing Material:		**Form Version:**	7
Audit No:	Z166897	**Owner:**	
Tag:		**Street Name:**	5494 MANOTICK MAIN STREET
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1005108947	**Elevation:**	92.193473
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	445952
Code OB Desc:		**North83:**	5008394
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	6/3/2014	**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:	1005242821
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005242822
Layer:	1
Plug From:	222
Plug To:	4
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005242823
Layer:	2

Plug From: 4
Plug To: 0
Plug Depth UOM: ft

Pipe Information

Pipe ID: 1005242814
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005242818
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: 1005242819
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Hole Diameter

Hole ID: 1005242816
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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Well ID: 1518364
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:

Data Entry Status:
Data Src: 1
Date Received: 8/3/1983
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NORTH GOWER TOWNSHIP
Site Info:
Lot: 001
Concession:
Concession Name: BF

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

Bore Hole Information

Bore Hole ID:	10040234	***Elevation:***	84.219932
DP2BR:	47	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446029.8
Code OB Desc:	Bedrock	***North83:***	5008545
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	5/24/1983	***UTMRC Desc:***	margin of error : 100 m - 300 m
Remarks:		***Location Method:***	gis
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931038212
Layer:	1
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	47
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931038214
Layer:	3
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	105
Formation End Depth:	125
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931038213

Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	47
Formation End Depth:	105
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10588804
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930070234
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	125
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930070233
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	49
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991518364
Pump Set At:	
Static Level:	30
Final Level After Pumping:	80
Recommended Pump Depth:	90
Pumping Rate:	20
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:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934103680
Test Type:	Draw Down
Test Duration:	15
Test Level:	80
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934378849
Test Type:	Draw Down
Test Duration:	30
Test Level:	80
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934898369
Test Type:	Draw Down
Test Duration:	60
Test Level:	80
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934639909
Test Type:	Draw Down
Test Duration:	45
Test Level:	80
Test Level UOM:	ft

Water Details

Water ID:	933475062
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	120
Water Found Depth UOM:	ft

20 ***1 of 1*** ***NNW/109.4*** ***85.0 / 0.13*** ***ON*** ***WWIS***

Well ID:	1500490	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/25/1956
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-CARLETON
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	LI
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10022533	**Elevation:**	83.113311
DP2BR:	40	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446010.8
Code OB Desc:	Bedrock	**North83:**	5008542
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	6/21/1956	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	930989393
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	40
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930989394
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	40
Formation End Depth:	106

Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 10571103
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930037997
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: 930037996
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40
Casing Diameter: 2
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991500490
Pump Set At:
Static Level: 20
Final Level After Pumping: 30
Recommended Pump Depth:
Pumping Rate: 3
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID:	933453015
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	100
Water Found Depth UOM:	ft

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Well ID:	7049688	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	9/15/2007
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	4
Audit No:	Z63617	**Owner:**	
Tag:	A063658	**Street Name:**	5511 MAIN ST
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	OTTAWA CITY
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:			

Bore Hole Information

Bore Hole ID:	23049688	**Elevation:**	86.847846
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446142
Code OB Desc:		**North83:**	5008375
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	8/22/2007	**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:	1000052270
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	66
Other Materials:	DENSE

Formation Top Depth:	0.61
Formation End Depth:	3.66
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1000052269
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	28
Other Materials:	SAND
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	0.61
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1000052271
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	
Other Materials:	
Formation Top Depth:	3.66
Formation End Depth:	4.88
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1000052275
Layer:	3
Plug From:	1.5
Plug To:	4.88
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1000052273
Layer:	1
Plug From:	0
Plug To:	0.3
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1000052274
Layer:	2
Plug From:	0.3

Plug To: 1.5
Plug Depth UOM: m

Pipe Information

Pipe ID: 1000052267
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1000052277
Layer:
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 1.83
Casing Diameter: 3.81
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1000052278
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material: 5
Screen Depth UOM:
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1000052268
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: 0
Water State After Test:
Pumping Test Method: 0
Pumping Duration HR:
Pumping Duration MIN:
Flowing:

Hole Diameter

Hole ID: 1000052272
Diameter: 8.89
Depth From:
Depth To: 4.88
Hole Depth UOM: m
Hole Diameter UOM: cm

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	1 of 1	ESE/114.6	85.2 / 0.31	lot 1 ON	WWIS

Well ID:	1506435	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	3/3/1953
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3725
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028471	**Elevation:**	86.850685
DP2BR:	26	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446140.8
Code OB Desc:	Bedrock	**North83:**	5008372
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	2/3/1953	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004518
Layer:	3
Color:	
General Color:	
Mat1:	26
Most Common Material:	ROCK
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	26
Formation End Depth:	68
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931004517
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 22
Formation End Depth: 26
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004516
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 22
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10577041
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049685
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 26
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049686
Layer: 2

Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	68
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506435
Pump Set At:	
Static Level:	15
Final Level After Pumping:	20
Recommended Pump Depth:	
Pumping Rate:	65
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	25
Flowing:	N

Water Details

Water ID:	933460583
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	42
Water Found Depth UOM:	ft

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MAIN ST./BRIDGE ST.
RIDEAU TWP. ON | ***CA***

Certificate #:	7-1075-92-
Application Year:	92
Issue Date:	10/14/1992
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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23 | *2 of 2* | *SE/116.2* | *85.9 / 0.97* | ***s21***
Intersection - Manotick and Bridge St.
MANOTICK<UNOFFICIAL>
Ottawa ON | ***SPL***

Ref No:	4681-6L6BCK	**Discharger Report:**	
Site No:		**Material Group:**	Oils
Incident Dt:	1/18/2006	**Health/Env Conseq:**	

Year:		**Client Type:**	
Incident Cause:		**Sector Type:**	Other Motor Vehicle
Incident Event:		**Agency Involved:**	
Contaminant Code:	13	**Nearest Watercourse:**	
Contaminant Name:	DIESEL FUEL	**Site Address:**	INTERSECTION - MANOTICK AND BRIDGE ST.
Contaminant Limit 1:		**Site District Office:**	Ottawa
Contam Limit Freq 1:		**Site Postal Code:**	
Contaminant UN No 1:		**Site Region:**	
Environment Impact:	Possible	**Site Municipality:**	Ottawa
Nature of Impact:	Soil Contamination; Surface Water Pollution	**Site Lot:**	
Receiving Medium:	Land & Water	**Site Conc:**	
Receiving Env:		**Northing:**	
MOE Response:		**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	1/18/2006	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	
Incident Reason:		**Source Type:**	
Site Name:	INTERSECTION - MANOTICK AND BRIDGE ST.		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	MVA in Manotick: diesel fuel spill to ground.		
Contaminant Qty:	160 L		

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24 | **1 of 1** | **E/123.2** | **84.8 / -0.05** | **lot 1 ON** | **WWIS**

Well ID:	1506439	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Municipal	**Date Received:**	12/14/1954
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028475	**Elevation:**	87.070487
DP2BR:	20	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446170.8
Code OB Desc:	Bedrock	**North83:**	5008432
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	12/1/1954	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			

Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931004528
Layer: 3
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 20
Formation End Depth: 66
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004526
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004527
Layer: 2
Color:
General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 6
Formation End Depth: 20
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10577045
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049693
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 26
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049694
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 66
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506439
Pump Set At:
Static Level: 24
Final Level After Pumping: 30
Recommended Pump Depth:
Pumping Rate: 4
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933460588
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60
Water Found Depth UOM: ft

25	*1 of 1*	*NNW/128.8*	*86.2 / 1.31*	***OTTAWA MANOTICK ON***	***WWIS***

Well ID:	7261694	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Domestic	**Date Received:**	4/21/2016
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	6364
Casing Material:		**Form Version:**	7
Audit No:	Z171373	**Owner:**	
Tag:	A133687	**Street Name:**	5478 WEST RIVE DR.
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	OSGOODE 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:			

Bore Hole Information

Bore Hole ID:	1005935185	**Elevation:**	85.234184
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446021
Code OB Desc:		**North83:**	5008565
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	4/13/2016	**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:			

Pipe Information

Pipe ID:	1006037597
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006037603
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:	1006037604
Layer:	

Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter:

Water Details

Water ID: 1006037602
Layer: 3
Kind Code: 8
Kind: Untested
Water Found Depth:
Water Found Depth UOM: ft

Water Details

Water ID: 1006037600
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth:
Water Found Depth UOM: ft

Water Details

Water ID: 1006037601
Layer: 2
Kind Code: 8
Kind: Untested
Water Found Depth:
Water Found Depth UOM: ft

Hole Diameter

Hole ID: 1006037599
Diameter:
Depth From:
Depth To:
Hole Depth UOM: ft
Hole Diameter UOM: inch

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26 ***1 of 1*** ***WNW/129.4*** ***85.9 / 1.00*** ***lot 1 ON*** ***WWIS***

Well ID: 1506445
Construction Date:
Primary Water Use: Public
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:

Data Entry Status:
Data Src: 1
Date Received: 5/30/1957
Selected Flag: Yes
Abandonment Rec:
Contractor: 4216
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NORTH GOWER TOWNSHIP
Site Info:
Lot: 001
Concession:
Concession Name: BF

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

Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10028481	***Elevation:***	89.443191
DP2BR:	58	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	445925.8
Code OB Desc:	Bedrock	***North83:***	5008482
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	2/28/1957	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004544
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	35
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004546
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	58
Formation End Depth:	117
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004545

Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 35
Formation End Depth: 58
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10577051
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049704
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 117
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049703
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 64
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506445
Pump Set At:
Static Level: 20
Final Level After Pumping: 25
Recommended Pump Depth:
Pumping Rate: 7
Flowing Rate:
Recommended Pump Rate:

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

Water Details

Water ID:	933460594
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58
Water Found Depth UOM:	ft

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27 | ***1 of 1*** | ***SSW/130.6*** | ***89.5 / 4.64*** | ***1164-1166 Highcroft Drive Ottawa ON*** | ***EHS***

Order No:	20181221017	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	02-JAN-19	**Search Radius (km):**	.25
Date Received:	21-DEC-18	**X:**	-75.687794
Previous Site Name:		**Y:**	45.22626
Lot/Building Size:			
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans; Title Searches; Topographic Maps; City Directory		

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28 | ***1 of 1*** | ***WSW/133.8*** | ***89.6 / 4.67*** | ***lot 2 con A ON*** | ***WWIS***

Well ID:	1514914	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/11/1975
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10036880	**Elevation:**	94.574684
DP2BR:	60	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445920.8
Code OB Desc:	Bedrock	**North83:**	5008397
Open Hole:		**Org CS:**	

Cluster Kind:		**UTMRC:**	4
Date Completed:	8/28/1975	**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:	931027667
Layer:	1
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	0
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931027669
Layer:	3
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	100
Formation End Depth:	174
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931027668
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	60
Formation End Depth:	100
Formation End Depth UOM:	ft

Method of Construction & Well

Use

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

Pipe Information

Pipe ID: 10585450
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930065196
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 61
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930065197
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 174
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991514914
Pump Set At:
Static Level: 35
Final Level After Pumping: 50
Recommended Pump Depth: 75
Pumping Rate: 25
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: N

Draw Down & Recovery

Pump Test Detail ID: 934100720
Test Type: Draw Down
Test Duration: 15

Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934893845
Test Type: Draw Down
Test Duration: 60
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934645138
Test Type: Draw Down
Test Duration: 45
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934384153
Test Type: Draw Down
Test Duration: 30
Test Level: 50
Test Level UOM: ft

Water Details

Water ID: 933470890
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 170
Water Found Depth UOM: ft

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29 | 1 of 1 | W/139.8 | 87.5 / 2.66 | lot 1 con A ON | WWIS

Well ID: 1506438
Construction Date:
Primary Water Use: Municipal
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: 12/14/1954
Selected Flag: Yes
Abandonment Rec:
Contractor: 3601
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NORTH GOWER TOWNSHIP
Site Info:
Lot: 001
Concession: A
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10028474	**Elevation:**	91.620368
DP2BR:	40	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445910.8
Code OB Desc:	Bedrock	**North83:**	5008467
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	11/10/1954	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004524
Layer:	1
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	05
Other Materials:	CLAY
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	40
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004525
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	40
Formation End Depth:	87
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10577044

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049692
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 87
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049691
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 46
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506438
Pump Set At:
Static Level: 26
Final Level After Pumping: 40
Recommended Pump Depth:
Pumping Rate: 4
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933460587
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 85
Water Found Depth UOM: ft

30 | 1 of 1 | ESE/140.0 | 85.9 / 1.06 | MANOTICK ON | WWIS

Well ID: 7265305
Construction Date:
Primary Water Use: Monitoring and Test Hole
Data Entry Status:
Data Src:
Date Received: 6/17/2016

Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Monitoring and Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	7
Audit No:	Z229878	***Owner:***	
Tag:	A164395	***Street Name:***	5517 MAIN ST.
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER 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:			

Bore Hole Information

Bore Hole ID:	1006064831	***Elevation:***	87.737739
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	446155
Code OB Desc:		***North83:***	5008349
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	5/31/2016	***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:			

Overburden and Bedrock Materials Interval

Formation ID:	1006125269
Layer:	2
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	
Other Materials:	
Formation Top Depth:	1.22
Formation End Depth:	3.1
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006125270
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05

Other Materials:	CLAY
Mat3:	91
Other Materials:	WATER-BEARING
Formation Top Depth:	3.1
Formation End Depth:	4.27
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006125271
Layer:	4
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	06
Other Materials:	SILT
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	4.27
Formation End Depth:	5.49
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006125268
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	28
Other Materials:	SAND
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	0
Formation End Depth:	1.22
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006125279
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006125280
Layer:	2
Plug From:	0.31
Plug To:	2.13
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006125281
Layer:	3
Plug From:	2.13
Plug To:	5.49
Plug Depth UOM:	m

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	1006125267
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006125274
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	2.44
Casing Diameter:	2.54
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006125275
Layer:	1
Slot:	10
Screen Top Depth:	2.44
Screen End Depth:	5.49
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	3.34

Hole Diameter

Hole ID:	1006125272
Diameter:	5.71
Depth From:	0
Depth To:	5.49
Hole Depth UOM:	m
Hole Diameter UOM:	cm

31	*1 of 1*	*W/140.7*	*90.8 / 5.91*	***MANOTICK ON***	***WWIS***

Well ID:	7222362	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	6/24/2014
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:	Z172466	***Owner:***	
Tag:		***Street Name:***	5493 FEE STREET
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER 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:			

Bore Hole Information

Bore Hole ID:	1004860875	***Elevation:***	94.902923
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	445911
Code OB Desc:		***North83:***	5008406
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	11/29/2013	***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:	1005187617
Layer:	1
Plug From:	1.8
Plug To:	0
Plug Depth UOM:	m

Pipe Information

Pipe ID:	1005187610
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005187614
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005187615
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Hole Diameter

Hole ID:	1005187612
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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32 ***1 of 1*** ***SE/141.6*** ***85.9 / 1.06*** ***MANOTICK ON*** ***WWIS***

Well ID:	7265306	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	6/17/2016
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Monitoring and Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	7
Audit No:	Z229880	***Owner:***	
Tag:	A164396	***Street Name:***	5517 MAIN ST.
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER 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:			

Bore Hole Information

Bore Hole ID:	1006064834	***Elevation:***	87.523033
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	446145
Code OB Desc:		***North83:***	5008336
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	5/31/2016	***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:

Overburden and Bedrock Materials Interval

Formation ID:	1006125288
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	2.74
Formation End Depth:	4.88
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006125286
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Other Materials:	SAND
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0
Formation End Depth:	0.91
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006125287
Layer:	2
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0.91
Formation End Depth:	2.74
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006125297
Layer:	2
Plug From:	0.31
Plug To:	1.5
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006125298
Layer:	3
Plug From:	1.5
Plug To:	4.22
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006125296
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	1006125285
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006125291
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.83
Casing Diameter:	3.45
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006125292
Layer:	1
Slot:	10
Screen Top Depth:	1.83
Screen End Depth:	4.88
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.21

Hole Diameter

Hole ID:	1006125289
Diameter:	5.71

Depth From:	0
Depth To:	4.88
Hole Depth UOM:	m
Hole Diameter UOM:	cm

33 | **1 of 1** | **WNW/143.5** | **84.9 / 0.00** | **lot 1 ON** | **WWIS**

Well ID:	1506428	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	12/7/1949
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028464	**Elevation:**	83.758438
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	o	**East83:**	445930.8
Code OB Desc:	Overburden	**North83:**	5008522
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	10/21/1949	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004498
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	19
Formation End Depth:	23
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004497
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	19
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10577034
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049671
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	10
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049672
Layer:	2
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	23
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506428
Pump Set At:	

Static Level:	1
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460574
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	23
Water Found Depth UOM:	ft

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34 ***1 of 1*** ***SW/143.7*** ***90.8 / 5.88*** ***ON*** ***BORE***

Borehole ID:	611813	**Inclin FLG:**	No
OGF ID:	215513125	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:		**Municipality:**	
Static Water Level:	6.1	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.226225
Total Depth m:	-999	**Longitude DD:**	-75.688103
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	445981
Drill Method:		**Northing:**	5008312
Orig Ground Elev m:	97.5	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	94.4		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218389277	**Mat Consistency:**	
Top Depth:	25	**Material Moisture:**	
Bottom Depth:		**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Bedrock	**Geologic Formation:**	
Material 2:	Limestone	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	BEDROCK,LIMESTONE. 0 300.0 FEET..BEDROCK,LIMESTONE. CK. SEISMIC VELOCITY = 19000.		

Geology Stratum ID:	218389276	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	

Bottom Depth:	25	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Boulders	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY,BOULDERS.		

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: OTTAWA1.txt RecordID: 043210 NTS_Sheet: 31G04G		
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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35 **1 of 2** **SE/146.5** **85.9 / 1.00** **lot 1 ON** **WWIS**

Well ID:	1506449	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Commerical	**Date Received:**	11/30/1965
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1503
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028485	**Elevation:**	86.963958
DP2BR:	30	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446120.8
Code OB Desc:	Bedrock	**North83:**	5008312
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5

Date Completed: 10/8/1965
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 931004555
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 30
Formation End Depth: 54
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004554
Layer: 1
Color:
General Color:
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 30
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10577055
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049712
Layer: 2

Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	54
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049711
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	34
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506449
Pump Set At:	
Static Level:	10
Final Level After Pumping:	17
Recommended Pump Depth:	40
Pumping Rate:	10
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:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460598
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	52
Water Found Depth UOM:	ft

35	*2 of 2*	***SE/146.5***	***85.9 / 1.00***	***lot 1 ON***	***WWIS***

Well ID:	1506440	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	12/9/1954
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3113
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP

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

Site Info:
Lot: 001
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10028476
DP2BR: 55
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 12/4/1954
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 86.963958
Elevrc:
Zone: 18
East83: 446120.8
North83: 5008312
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: p9

Overburden and Bedrock Materials Interval

Formation ID: 931004532
Layer: 4
Color:
General Color:
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 29
Formation End Depth: 55
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004530
Layer: 2
Color:
General Color:
Mat1: 13
Most Common Material: BOULDERS
Mat2: 14
Other Materials: HARDPAN
Mat3:
Other Materials:
Formation Top Depth: 2
Formation End Depth: 27
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	931004533
Layer:	5
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	55
Formation End Depth:	90
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004529
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004531
Layer:	3
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	27
Formation End Depth:	29
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10577046

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049696
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 90
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049695
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 57
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506440
Pump Set At:
Static Level: 37
Final Level After Pumping: 43
Recommended Pump Depth:
Pumping Rate: 50
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 15
Flowing: N

Water Details

Water ID: 933460589
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 67
Water Found Depth UOM: ft

36	*1 of 1*	*S/147.0*	*87.9 / 3.00*	*lot 1 con A ON*	*WWIS*

Well ID: 1506613
Construction Date:
Primary Water Use: Public
Data Entry Status:
Data Src: 1
Date Received: 2/23/1949

Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	A
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028649	***Elevation:***	89.584587
DP2BR:	5	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446050.8
Code OB Desc:	Bedrock	***North83:***	5008292
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	12/15/1948	***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:	931004990
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	05
Other Materials:	CLAY
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004991
Layer:	2
Color:	
General Color:	
Mat1:	26
Most Common Material:	ROCK
Mat2:	

Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 5
Formation End Depth: 51
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10577219
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930050030
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 5
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930050031
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 51
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506613
Pump Set At:
Static Level: 4
Final Level After Pumping: 19
Recommended Pump Depth:
Pumping Rate: 50
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1

Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933460774
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 45
Water Found Depth UOM: ft

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37 | 1 of 1 | NNE/147.5 | 86.9 / 2.00 | MANOTICK ON | WWIS

Well ID: 7168472
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Alteration
Water Type:
Casing Material:
Audit No: Z135785
Tag: A120065
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:
Date Received: 9/12/2011
Selected Flag: Yes
Abandonment Rec:
Contractor: 6357
Form Version: 7
Owner:
Street Name: 5484 WEST RIVER DR
County: OTTAWA-CARLETON
Municipality: OSGOODE TOWNSHIP
Site Info:
Lot:
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1003561255
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 8/31/2011
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 86.082611
Elevrc:
Zone: 18
East83: 446105
North83: 5008575
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Annular Space/Abandonment Sealing Record

Plug ID: 1003932272
Layer: 1
Plug From: 0.1
Plug To: 1.7
Plug Depth UOM: m

Pipe Information

Pipe ID:	1003932263
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003932267
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-0.5
Depth To:	1.7
Casing Diameter:	15.86
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Casing

Casing ID:	1003932268
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	1.7
Depth To:	
Casing Diameter:	10
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1003932269
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Hole Diameter

Hole ID:	1003932265
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	m
Hole Diameter UOM:	cm

38	***1 of 1***	***S/152.0***	***87.9 / 3.00***	***lot 1 ON***	***WWIS***

Well ID:	1506429	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/31/1951
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	

Water Type:		***Contractor:***	3566
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028465	***Elevation:***	89.695709
DP2BR:	54	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446050.8
Code OB Desc:	Bedrock	***North83:***	5008287
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	11/22/1950	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004501
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	54
Formation End Depth:	125
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004499
Layer:	1
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	13
Other Materials:	BOULDERS
Mat3:	

Other Materials:
Formation Top Depth: 0
Formation End Depth: 38
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004500
Layer: 2
Color:
General Color:
Mat1: 14
Most Common Material: HARDPAN
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 38
Formation End Depth: 54
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10577035
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049674
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 125
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049673
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 54
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID:	991506429
Pump Set At:	
Static Level:	18
Final Level After Pumping:	31
Recommended Pump Depth:	
Pumping Rate:	7
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	N

Water Details

Water ID:	933460575
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

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39 ***1 of 1*** ***ESE/152.2*** ***85.9 / 1.00*** ***lot 1 con A MANOTICK ON*** ***WWIS***

Well ID:	7156956	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Test Hole	***Date Received:***	12/29/2010
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	6964
Casing Material:		***Form Version:***	7
Audit No:	Z107028	***Owner:***	
Tag:	A094404	***Street Name:***	5517 5521 MANOTICK MAIN ST
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	A
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1003444709	***Elevation:***	88.492195
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	446183
Code OB Desc:		***North83:***	5008369
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	3
Date Completed:	9/20/2010	***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: 1003714331
Layer: 4
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Other Materials:
Mat3: 34
Other Materials: TILL
Formation Top Depth: 3.35
Formation End Depth: 3.65
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1003714329
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3: 12
Other Materials: STONES
Formation Top Depth: 0.1
Formation End Depth: 1.2
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1003714332
Layer: 5
Color:
General Color:
Mat1:
Most Common Material:
Mat2:
Other Materials:
Mat3: 28
Other Materials: SAND
Formation Top Depth: 3.65
Formation End Depth: 4.88
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1003714328

Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	0.1
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1003714330
Layer:	3
Color:	
General Color:	
Mat1:	
Most Common Material:	
Mat2:	
Other Materials:	
Mat3:	05
Other Materials:	CLAY
Formation Top Depth:	1.2
Formation End Depth:	3.35
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1003714336
Layer:	2
Plug From:	1.48
Plug To:	4.88
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1003714335
Layer:	1
Plug From:	0
Plug To:	1.48
Plug Depth UOM:	m

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	1003714327
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003714338
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3.12
Casing Diameter:	3.5
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1003714339
Layer:	1
Slot:	10
Screen Top Depth:	3.12
Screen End Depth:	4.88
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.1

Water Details

Water ID:	1003714337
Layer:	1
Kind Code:	
Kind:	
Water Found Depth:	3.1
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1003714334
Diameter:	5.6
Depth From:	1.3
Depth To:	4.88
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1003714333
Diameter:	7.5
Depth From:	0
Depth To:	1.3
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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Well ID:	1506459	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	6/25/1954
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601

Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028495	**Elevation:**	88.001068
DP2BR:	28	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446165.8
Code OB Desc:	Bedrock	**North83:**	5008342
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	3/20/1954	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004581
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	28
Formation End Depth:	70
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004580
Layer:	2
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	

Formation Top Depth:	10
Formation End Depth:	28
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004579
Layer:	1
Color:	
General Color:	
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10577065
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049731
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	30
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049732
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	70
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506459
Pump Set At:	
Static Level:	20
Final Level After Pumping:	20
Recommended Pump Depth:	
Pumping Rate:	10
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460608
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70
Water Found Depth UOM:	ft

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Well ID:	7246070	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	8/5/2015
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z208894	**Owner:**	
Tag:	A178527	**Street Name:**	5521 MANOTICK MAIN
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER 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:			

Bore Hole Information

Bore Hole ID:	1005542842	**Elevation:**	88.54586
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446185
Code OB Desc:		**North83:**	5008365
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/2/2015	**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:	1005675102
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Other Materials:	SILT
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0.31
Formation End Depth:	3.66
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005675103
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	3.66
Formation End Depth:	5.49
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005675101
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	66
Other Materials:	DENSE
Formation Top Depth:	0
Formation End Depth:	0.31
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675112
Layer:	2

Plug From:	0.31
Plug To:	2.13
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675113
Layer:	3
Plug From:	2.13
Plug To:	5.49
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675111
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	1005675100
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005675106
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	2.44
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005675107
Layer:	1
Slot:	10
Screen Top Depth:	2.44
Screen End Depth:	5.49
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03

Hole Diameter

Hole ID:	1005675104
Diameter:	11.43
Depth From:	0
Depth To:	5.49
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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Well ID:	7222585	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:		***Date Received:***	6/26/2014
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Abandoned-Quality	***Abandonment Rec:***	Yes
Water Type:		***Contractor:***	4879
Casing Material:		***Form Version:***	7
Audit No:	Z175291	***Owner:***	
Tag:		***Street Name:***	5457 WEST RIVER DR.
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	OSGOODE 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:			

Bore Hole Information

Bore Hole ID:	1004896704	***Elevation:***	85.102996
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	445991
Code OB Desc:		***North83:***	5008586
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	5/9/2014	***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:	1005207495
Layer:	1
Plug From:	6
Plug To:	20
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1005207496
Layer:	1
Plug From:	6
Plug To:	20
Plug Depth UOM:	ft

Pipe Information

Pipe ID:	1005207488
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005207492
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	6
Depth To:	20
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1005207493
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Hole Diameter

Hole ID:	1005207490
Diameter:	
Depth From:	
Depth To:	
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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Well ID:	1506584	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/19/1960
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4216
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	

Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	A
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028620	***Elevation:***	95.503021
DP2BR:	60	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	445890.8
Code OB Desc:	Bedrock	***North83:***	5008422
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	12/17/1959	***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:	931004908
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004909
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	60
Formation End Depth:	104
Formation End Depth UOM:	ft

Method of Construction & Well

Use

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

Pipe Information

Pipe ID: 10577190
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049972
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 104
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049971
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 68
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506584
Pump Set At:
Static Level: 20
Final Level After Pumping: 30
Recommended Pump Depth: 30
Pumping Rate: 3
Flowing Rate:
Recommended Pump Rate: 3
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: N

Water Details

Water ID: 933460744
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
44	1 of 1	WNW/158.0	85.8 / 0.90	lot 1 con A ON	WWIS

Well ID:	1506573	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	3/28/1948
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3728
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028609	**Elevation:**	90.858512
DP2BR:	32	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445900.8
Code OB Desc:	Bedrock	**North83:**	5008497
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	1/15/1948	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004881
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	32
Formation End Depth:	52
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004879
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	14
Other Materials:	HARDPAN
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	30
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004880
Layer:	2
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	30
Formation End Depth:	32
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10577179
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049951
Layer:	2
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	32
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049952
Layer:	3
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	52
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049950
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506573
Pump Set At:	
Static Level:	12
Final Level After Pumping:	16
Recommended Pump Depth:	
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460730
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	52
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
45	1 of 1	SE/161.5	85.9 / 1.00	5526 Main Street Manotick ON	EHS

Order No:	20130927018	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	04-OCT-13	***Search Radius (km):***	.25
Date Received:	27-SEP-13	***X:***	-75.685941
Previous Site Name:		***Y:***	45.226261
Lot/Building Size:			

Additional Info Ordered:

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Well ID:	1509640	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/14/1968
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1503
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	LI
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10031672	**Elevation:**	85.310096
DP2BR:	26	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445990.8
Code OB Desc:	Bedrock	**North83:**	5008592
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	10/2/1968	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931012644
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	26
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931012645
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	26
Formation End Depth:	50
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10580242
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930055981
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	31
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930055982
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	50
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991509640
Pump Set At:	
Static Level:	20
Final Level After Pumping:	22

Recommended Pump Depth:	40
Pumping Rate:	10
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:	1
Pumping Duration HR:	5
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933464525
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50
Water Found Depth UOM:	ft

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47 | **1 of 1** | **WNW/165.6** | **84.9 / 0.03** | **lot 1 ON** | **WWIS**

Well ID:	1506433	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/28/1952
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028469	**Elevation:**	86.09938
DP2BR:	36	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445910.8
Code OB Desc:	Bedrock	**North83:**	5008532
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	10/6/1952	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004512
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	36
Formation End Depth:	70
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004511
Layer:	1
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	36
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10577039
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049681
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	38
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049682
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	70
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506433
Pump Set At:	
Static Level:	15
Final Level After Pumping:	15
Recommended Pump Depth:	
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460581
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65
Water Found Depth UOM:	ft

Water Details

Water ID:	933460580
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50
Water Found Depth UOM:	ft

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48 | ***1 of 1*** | ***WNW/165.7*** | ***87.6 / 2.71*** | ***lot 1 con A ON*** | ***WWIS***

Well ID:	1511644	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Commerical	***Date Received:***	1/13/1972
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON

Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	A
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10033638	***Elevation:***	91.858924
DP2BR:	34	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	445890.8
Code OB Desc:	Bedrock	***North83:***	5008492
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	11/7/1971	***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:	931018357
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	34
Formation End Depth:	62
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931018356
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	8
Formation End Depth:	34
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931018355
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Other Materials:	MEDIUM SAND
Mat3:	13
Other Materials:	BOULDERS
Formation Top Depth:	0
Formation End Depth:	8
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931018358
Layer:	4
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	62
Formation End Depth:	135
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10582208
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930059761
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	135
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930059760
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	37
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991511644
Pump Set At:	
Static Level:	18
Final Level After Pumping:	80
Recommended Pump Depth:	90
Pumping Rate:	20
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934098297
Test Type:	Draw Down
Test Duration:	15
Test Level:	80
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934901891
Test Type:	Draw Down
Test Duration:	60
Test Level:	80
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934382839
Test Type:	Draw Down
Test Duration:	30
Test Level:	80
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934644973
Test Type:	Draw Down
Test Duration:	45
Test Level:	80
Test Level UOM:	ft

Water Details

Water ID:	933466873
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	120
Water Found Depth UOM:	ft

Water Details

Water ID:	933466872
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	68
Water Found Depth UOM:	ft

Water Details

Water ID:	933466871
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	42
Water Found Depth UOM:	ft

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49 ***1 of 1*** ***SW/166.9*** ***94.6 / 9.67*** ***lot 1 con A ON*** ***WWIS***

Well ID:	1517663	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	9/22/1981
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	A
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10039535	***Elevation:***	97.333091
DP2BR:	60	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	445929.8
Code OB Desc:	Bedrock	***North83:***	5008321
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	7/27/1981	***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: 931035903
Layer: 1
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 43
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931035904
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 43
Formation End Depth: 60
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931035905
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 60
Formation End Depth: 90
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10588105
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930069125
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 63
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930069126
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 90
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991517663
Pump Set At:
Static Level: 45
Final Level After Pumping: 60
Recommended Pump Depth: 70
Pumping Rate: 10
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: N

Draw Down & Recovery

Pump Test Detail ID: 934645916
Test Type: Draw Down
Test Duration: 45
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934895609
Test Type:	Draw Down
Test Duration:	60
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934102192
Test Type:	Draw Down
Test Duration:	15
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934376081
Test Type:	Draw Down
Test Duration:	30
Test Level:	60
Test Level UOM:	ft

Water Details

Water ID:	933474182
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	87
Water Found Depth UOM:	ft

50 **1 of 1** **ESE/167.8** **85.8 / 0.91** **MANOTICK ON** **WWIS**

Well ID:	7246072	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	8/5/2015
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Monitoring and Test Hole	***Abandonment Rec:***	
Water Type:		***Contractor:***	7241
Casing Material:		***Form Version:***	7
Audit No:	Z208896	***Owner:***	
Tag:	A178531	***Street Name:***	5517 MANOTICK MAIN STREET
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER 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:			

Bore Hole Information

Bore Hole ID:	1005542859	***Elevation:***	88.068283

DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	446169
Code OB Desc:		***North83:***	5008323
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	7/7/2015	***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:	1005675130
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	0.31
Formation End Depth:	4.27
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005675129
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Other Materials:	SAND
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	0.31
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005675131
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Other Materials:	SAND
Mat3:	
Other Materials:	
Formation Top Depth:	4.27

Formation End Depth: 5.18
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005675139
Layer: 1
Plug From: 0
Plug To: 0.31
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005675141
Layer: 3
Plug From: 1.52
Plug To: 5.18
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1005675140
Layer: 2
Plug From: 0.31
Plug To: 1.52
Plug Depth UOM: m

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 1005675128
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005675134
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 2.13
Casing Diameter: 5.2
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005675135

Layer:	1
Slot:	10
Screen Top Depth:	2.13
Screen End Depth:	5.18
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03

Hole Diameter

Hole ID:	1005675132
Diameter:	11.43
Depth From:	0
Depth To:	5.18
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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51 | ***1 of 1*** | ***ESE/169.1*** | ***85.9 / 1.00*** | ***lot 2 ON*** | ***WWIS***

Well ID:	1506477	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Commerical	**Date Received:**	5/25/1961
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028513	**Elevation:**	88.989349
DP2BR:	38	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446200.8
Code OB Desc:	Bedrock	**North83:**	5008367
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	12/7/1960	**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: 931004620
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 22
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004622
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 38
Formation End Depth: 60
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004621
Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 22
Formation End Depth: 38
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10577083
Casing No: 1
Comment:

Alt Name:

Construction Record - Casing

Casing ID:	930049768
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	38
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049769
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	60
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506477
Pump Set At:	
Static Level:	22
Final Level After Pumping:	22
Recommended Pump Depth:	25
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	4
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:	N

Water Details

Water ID:	933460626
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

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52 ***1 of 1*** ***ESE/171.6*** ***86.2 / 1.31*** ***MANOTICK ON*** ***WWIS***

Well ID:	7246074	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Monitoring and Test Hole	***Date Received:***	8/5/2015
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Monitoring and Test Hole	***Abandonment Rec:***	

Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z208990	**Owner:**	
Tag:	A178535	**Street Name:**	5517 MANOTICK MAIN STREET
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER 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:			

Bore Hole Information

Bore Hole ID:	1005542876	**Elevation:**	88.290199
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446185
Code OB Desc:		**North83:**	5008336
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/2/2015	**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:	1005675155
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	0.31
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005675157
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	77

Other Materials:	LOOSE
Formation Top Depth:	4.27
Formation End Depth:	5.18
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005675156
Layer:	2
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Other Materials:	SAND
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0.31
Formation End Depth:	4.27
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675165
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675167
Layer:	3
Plug From:	1.52
Plug To:	5.18
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675166
Layer:	2
Plug From:	0.31
Plug To:	1.52
Plug Depth UOM:	m

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	1005675154
Casing No:	0

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	1005675160
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	2.15
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005675161
Layer:	1
Slot:	10
Screen Top Depth:	2.13
Screen End Depth:	5.18
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03

Hole Diameter

Hole ID:	1005675158
Diameter:	11.43
Depth From:	0
Depth To:	5.18
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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53 | ***1 of 1*** | ***E/172.2*** | ***84.9 / 0.00*** | ***lot 1 ON*** | ***WWIS***

Well ID:	1506444	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/23/1956
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028480	**Elevation:**	86.232147
DP2BR:	14	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446215.8
Code OB Desc:	Bedrock	**North83:**	5008477
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	4/4/1956	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004543
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	14
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004542
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	14
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10577050
Casing No:	1

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930049701
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	17
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049702
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	60
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506444
Pump Set At:	
Static Level:	19
Final Level After Pumping:	19
Recommended Pump Depth:	
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460593
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

54	*1 of 1*	*NNW/172.9*	*87.2 / 2.36*	***MANOTICK ON***	***WWIS***

Well ID:	7220875	***Data Entry Status:***	
Construction Date:		***Data Src:***	
Primary Water Use:	Domestic	***Date Received:***	5/28/2014
Sec. Water Use:		***Selected Flag:***	Yes

Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4879
Casing Material:		***Form Version:***	7
Audit No:	Z175283	***Owner:***	
Tag:	A151618	***Street Name:***	5474 WEST RIVER DR
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	OSGOODE 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:			

Bore Hole Information

Bore Hole ID:	1004781511	***Elevation:***	85.743316
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	445993
Code OB Desc:		***North83:***	5008603
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	5/7/2014	***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:	1005164476
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Other Materials:	SAND
Mat3:	13
Other Materials:	BOULDERS
Formation Top Depth:	0
Formation End Depth:	7
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1005164479
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	

Mat3:
Other Materials:
Formation Top Depth: 58
Formation End Depth: 140
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1005164477
Layer: 2
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 12
Other Materials: STONES
Mat3: 13
Other Materials: BOULDERS
Formation Top Depth: 7
Formation End Depth: 23
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 1005164478
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 23
Formation End Depth: 58
Formation End Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1005164513
Layer: 1
Plug From: 0
Plug To: 20.5
Plug Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 1005164474
Casing No: 0
Comment:

Alt Name:

Construction Record - Casing

Casing ID:	1005164483
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	20.5
Depth To:	140
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	1005164482
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	0
Depth To:	26.5
Casing Diameter:	6.25
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Screen

Screen ID:	1005164484
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1005164475
Pump Set At:	130
Static Level:	5.35
Final Level After Pumping:	29.55
Recommended Pump Depth:	130
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:	0
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	

Draw Down & Recovery

Pump Test Detail ID:	1005164492
Test Type:	Recovery
Test Duration:	4

Test Level: 14.61
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164498
Test Type: Recovery
Test Duration: 15
Test Level: 6.33
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164500
Test Type: Recovery
Test Duration: 20
Test Level: 6.03
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164501
Test Type: Draw Down
Test Duration: 25
Test Level: 24.52
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164488
Test Type: Recovery
Test Duration: 2
Test Level: 18.55
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164508
Test Type: Recovery
Test Duration: 50
Test Level: 5.41
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164494
Test Type: Recovery
Test Duration: 5
Test Level: 12.75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164485
Test Type: Draw Down
Test Duration: 1
Test Level: 10.8
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164490
Test Type: Recovery
Test Duration: 3
Test Level: 16.4
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164497
Test Type: Draw Down
Test Duration: 15
Test Level: 21.75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164509
Test Type: Draw Down
Test Duration: 60
Test Level: 29.55
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164499
Test Type: Draw Down
Test Duration: 20
Test Level: 23.39
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164489
Test Type: Draw Down
Test Duration: 3
Test Level: 12.7
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164491
Test Type: Draw Down
Test Duration: 4
Test Level: 14.05
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164493
Test Type: Draw Down
Test Duration: 5
Test Level: 15.19
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164495
Test Type: Draw Down

Test Duration: 10
Test Level: 19.72
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164496
Test Type: Recovery
Test Duration: 10
Test Level: 7.6
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164502
Test Type: Recovery
Test Duration: 25
Test Level: 5.85
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164503
Test Type: Draw Down
Test Duration: 30
Test Level: 25.34
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164505
Test Type: Draw Down
Test Duration: 40
Test Level: 27.11
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164486
Test Type: Recovery
Test Duration: 1
Test Level: 22.8
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164487
Test Type: Draw Down
Test Duration: 2
Test Level: 12.29
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1005164504
Test Type: Recovery
Test Duration: 30
Test Level: 5.61
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	1005164506
Test Type:	Recovery
Test Duration:	40
Test Level:	5.49
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1005164507
Test Type:	Draw Down
Test Duration:	50
Test Level:	28.58
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1005164510
Test Type:	Recovery
Test Duration:	60
Test Level:	5.39
Test Level UOM:	ft

Water Details

Water ID:	1005164481
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	96
Water Found Depth UOM:	ft

Hole Diameter

Hole ID:	1005164480
Diameter:	6
Depth From:	0
Depth To:	140
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

---

55 ***1 of 1*** ***E/173.0*** ***85.2 / 0.28*** ***lot 1 ON*** ***WWIS***

Well ID:	1506443	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Municipal	***Date Received:***	4/3/1956
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	2601
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	

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

Bore Hole Information

Bore Hole ID:	10028479	***Elevation:***	87.745742
DP2BR:	22	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446220.8
Code OB Desc:	Bedrock	***North83:***	5008442
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	1/1/1956	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004539
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	20
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004541
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	22
Formation End Depth:	65
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004540
Layer:	2

Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 20
Formation End Depth: 22
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10577049
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049700
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 65
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049699
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 24
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506443
Pump Set At:
Static Level: 20
Final Level After Pumping: 24
Recommended Pump Depth:
Pumping Rate: 4
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft

Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460592
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65
Water Found Depth UOM:	ft

---

56 **1 of 1** **NE/176.2** **89.3 / 4.41** **ON** **WWIS**

Well ID:	1500515	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/19/1960
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1301
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	LI
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10022558	**Elevation:**	86.9262
DP2BR:	26	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446125.8
Code OB Desc:	Bedrock	**North83:**	5008597
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	9/16/1959	**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: 930989452
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 26
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930989453
Layer: 2
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 26
Formation End Depth: 110
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10571128
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930038048
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 110
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930038047
Layer: 1

Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	28
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991500515
Pump Set At:	
Static Level:	8
Final Level After Pumping:	10
Recommended Pump Depth:	10
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	3
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:	N

Water Details

Water ID:	933453040
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

---

57 | **1 of 1** | **ESE/176.2** | **87.0 / 2.08** | **lot 2 ON** | **WWIS**

Well ID:	1506455	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Municipal	**Date Received:**	12/13/1951
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028491	**Elevation:**	89.101387
DP2BR:	14	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446210.8
Code OB Desc:	Bedrock	**North83:**	5008372
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	9/12/1950	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004570
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	14
Formation End Depth:	68
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004569
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	14
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10577061
Casing No:	1

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930049724
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	68
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049723
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	14
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506455
Pump Set At:	
Static Level:	10
Final Level After Pumping:	22
Recommended Pump Depth:	
Pumping Rate:	3
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460604
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	63
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
58	1 of 1	WNW/176.8	87.6 / 2.71	lot 1 ON	WWIS

Well ID:	1515434	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	7/8/1976
Sec. Water Use:	0	***Selected Flag:***	Yes

Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10037381	**Elevation:**	92.331085
DP2BR:	42	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445880.8
Code OB Desc:	Bedrock	**North83:**	5008497
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	6/7/1976	**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:	931029169
Layer:	1
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	42
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931029170
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	

Mat3:
Other Materials:
Formation Top Depth: 42
Formation End Depth: 105
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931029171
Layer: 3
Color: 1
General Color: WHITE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 105
Formation End Depth: 135
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10585951
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930065985
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 44
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991515434
Pump Set At:
Static Level: 30
Final Level After Pumping: 70
Recommended Pump Depth: 70
Pumping Rate: 6
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:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934895560
Test Type:	Draw Down
Test Duration:	60
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934376977
Test Type:	Draw Down
Test Duration:	30
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934646852
Test Type:	Draw Down
Test Duration:	45
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934100913
Test Type:	Draw Down
Test Duration:	15
Test Level:	70
Test Level UOM:	ft

Water Details

Water ID:	933471525
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80
Water Found Depth UOM:	ft

Water Details

Water ID:	933471526
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	133
Water Found Depth UOM:	ft

59	*1 of 1*	*NNW/177.4*	*87.2 / 2.36*	*ON*	*WWIS*

Well ID:	1500580	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/13/1967
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1503
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	LI
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10022623	**Elevation:**	85.745178
DP2BR:	24	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445990.8
Code OB Desc:	Bedrock	**North83:**	5008607
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	10/14/1967	**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:	930989642
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	24
Formation End Depth:	66
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930989640
Layer:	1
Color:	
General Color:	

Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	15
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	930989641
Layer:	2
Color:	
General Color:	
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	15
Formation End Depth:	24
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10571193
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930038175
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	66
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930038174
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	28

Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991500580
Pump Set At:	
Static Level:	25
Final Level After Pumping:	30
Recommended Pump Depth:	55
Pumping Rate:	10
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:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933453114
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	64
Water Found Depth UOM:	ft

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60 **1 of 1** **ESE/177.6** **86.2 / 1.31** ***MANOTICK ON*** ***WWIS***

Well ID:	7265304	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	6/17/2016
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z229879	**Owner:**	
Tag:	A164397	**Street Name:**	1143 CLAPP ST.
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER 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:			

Bore Hole Information

Bore Hole ID:	1006064828	**Elevation:**	88.336273
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446191

Code OB Desc:		***North83:***	5008334
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	5/31/2016	***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:			

Overburden and Bedrock Materials Interval

Formation ID:	1006125254
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Other Materials:	SAND
Mat3:	68
Other Materials:	DRY
Formation Top Depth:	0
Formation End Depth:	1.22
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006125255
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	06
Most Common Material:	SILT
Mat2:	05
Other Materials:	CLAY
Mat3:	68
Other Materials:	DRY
Formation Top Depth:	1.22
Formation End Depth:	2.44
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1006125256
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Other Materials:	SAND
Mat3:	91
Other Materials:	WATER-BEARING
Formation Top Depth:	2.44
Formation End Depth:	4.57
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006125264
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006125266
Layer:	3
Plug From:	1.22
Plug To:	4.57
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1006125265
Layer:	2
Plug From:	0.31
Plug To:	1.22
Plug Depth UOM:	m

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	1006125253
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1006125259
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	1.5
Casing Diameter:	3.45
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1006125260
Layer:	1
Slot:	10
Screen Top Depth:	1.5

Screen End Depth:	4.57
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.21

Hole Diameter

Hole ID:	1006125257
Diameter:	5.71
Depth From:	0
Depth To:	4.57
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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61 | 1 of 1 | ENE/177.9 | 84.6 / -0.31 | lot 1 ON | WWIS

Well ID:	1514081	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	6/13/1974
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10036060	**Elevation:**	81.689826
DP2BR:	22	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446198.8
Code OB Desc:	Bedrock	**North83:**	5008533
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	5/6/1974	**UTMRC Desc:**	margin of error : 100 m - 300 m
Remarks:		**Location Method:**	gis
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931025252
Layer:	2

Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	8
Formation End Depth:	22
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931025251
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	8
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931025253
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	22
Formation End Depth:	60
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931025254
Layer:	4
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	60
Formation End Depth:	120
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10584630
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930063695
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 26
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930063696
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 128
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991514081
Pump Set At:
Static Level: 7
Final Level After Pumping: 30
Recommended Pump Depth: 30
Pumping Rate: 10
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: N

Draw Down & Recovery

Pump Test Detail ID: 934899781

Test Type: Draw Down
Test Duration: 60
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934381319
Test Type: Draw Down
Test Duration: 30
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934099827
Test Type: Draw Down
Test Duration: 15
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934641894
Test Type: Draw Down
Test Duration: 45
Test Level: 30
Test Level UOM: ft

Water Details

Water ID: 933469865
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 115
Water Found Depth UOM: ft

62	*1 of 9*	*ESE/182.0*	*86.9 / 2.03*	***927995 Ontario Inc*** ***5521 Manotick Main Street*** ***MAnotick ON K4M 1A2***	***GEN***

Generator No: ON5837719
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 531310
SIC Description: Real Estate Property Managers

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

62	*2 of 9*	*ESE/182.0*	*86.9 / 2.03*	***terrapex*** ***5521 manotick main street*** ***manotick ON***	***GEN***

Generator No: ON2904836

PO Box No:

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

Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 541620
SIC Description: Environmental Consulting Services
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

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62 **3 of 9** **ESE/182.0** **86.9 / 2.03**

927995 Ontario Inc
5521 Manotick Main Street
MAnotick ON K4M 1A2

GEN

Generator No: ON5837719
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 531310
SIC Description: Real Estate Property Managers
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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62 **4 of 9** **ESE/182.0** **86.9 / 2.03**

927995 Ontario Ltd.
5521 Manotick Main Street
Manotick ON

GEN

Generator No: ON2865683
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 811111
SIC Description:
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

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62 **5 of 9** **ESE/182.0** **86.9 / 2.03**

Terrapex Environmental Ltd.
5521 Manotick Main Street
Manotick ON

GEN

Generator No: ON8530249
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 541620, 541330
SIC Description: Environmental Consulting Services, Engineering Services
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

---

62 **6 of 9** **ESE/182.0** **86.9 / 2.03**

Terrapex Environmental Ltd.
5521 Manotick Main Street
Manotick ON K4M1A8

GEN

Generator No: ON8530249
Status:
Approval Years: 2015
Contam. Facility: No
PO Box No:
Country: Canada
Choice of Contact: CO_ADMIN
Co Admin: Keith Brown

MHSW Facility: No **Phone No Admin:** 613-745-6471 Ext.
SIC Code: 541620, 541330
SIC Description: ENVIRONMENTAL CONSULTING SERVICES, ENGINEERING SERVICES

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

---

62 **7 of 9** **ESE/182.0** **86.9 / 2.03** **Terrapex Environmental Ltd.** **GEN**
5521 Manotick Main Street
Manotick ON K4M1A8

Generator No: ON8530249 **PO Box No:**
Status: **Country:** Canada
Approval Years: 2016 **Choice of Contact:** CO_ADMIN
Contam. Facility: No **Co Admin:** Keith Brown
MHSW Facility: No **Phone No Admin:** 613-745-6471 Ext.
SIC Code: 541620, 541330
SIC Description: ENVIRONMENTAL CONSULTING SERVICES, ENGINEERING SERVICES

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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62 **8 of 9** **ESE/182.0** **86.9 / 2.03** **Terrapex Environmental Ltd.** **GEN**
5521 Manotick Main Street
Manotick ON K4M1A8

Generator No: ON8530249 **PO Box No:**
Status: **Country:** Canada
Approval Years: 2014 **Choice of Contact:** CO_ADMIN
Contam. Facility: No **Co Admin:** Kelsa Staffa
MHSW Facility: No **Phone No Admin:** 613-745-6471 Ext.
SIC Code: 541620, 541330
SIC Description: ENVIRONMENTAL CONSULTING SERVICES, ENGINEERING SERVICES

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

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62 **9 of 9** **ESE/182.0** **86.9 / 2.03** **Terrapex Environmental Ltd.** **GEN**
5521 Manotick Main Street
Manotick ON K4M1A8

Generator No: ON8530249 **PO Box No:**
Status: Registered **Country:** Canada
Approval Years: As of Dec 2017 **Choice of Contact:**
Contam. Facility: **Co Admin:**
MHSW Facility: **Phone No Admin:**
SIC Code:
SIC Description:

Detail(s)

Waste Class: 221 L
Waste Class Desc: Light fuels

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
63	1 of 1	ESE/182.1	87.0 / 2.08	ON	BORE

Borehole ID:	611819	**Inclin FLG:**	No
OGF ID:	215513131	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:	DEC-1960	**Municipality:**	
Static Water Level:		**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.226874
Total Depth m:	17.4	**Longitude DD:**	-75.685054
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	446221
Drill Method:		**Northing:**	5008382
Orig Ground Elev m:	91.4	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	88.8		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218389287	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	4.3	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Boulders	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY,BOULDERS.		

Geology Stratum ID:	218389288	**Mat Consistency:**	
Top Depth:	4.3	**Material Moisture:**	
Bottom Depth:	17.4	**Material Texture:**	
Material Color:	Grey	**Non Geo Mat Type:**	
Material 1:	Limestone	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	LIMESTONE. GREY. 00057LE. 00058.BEDROCK,LIMESTONE. CK. SEISMIC VELOCITY = 19000.		

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: OTTAWA1.txt RecordID: 04327 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		

64 **1 of 1** **ESE/182.1** **87.0 / 2.08** **lot 2 ON** **WWIS**

Well ID:	1506478	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	5/25/1961
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028514	**Elevation:**	88.843643
DP2BR:	14	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446220.8
Code OB Desc:	Bedrock	**North83:**	5008382
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	12/12/1960	**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:	931004624
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	14
Formation End Depth:	57

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004623
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 14
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10577084
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049771
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 57
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049770
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 18
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506478

Pump Set At:	
Static Level:	16
Final Level After Pumping:	16
Recommended Pump Depth:	25
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	4
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:	N

Water Details

Water ID:	933460627
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	57
Water Found Depth UOM:	ft

---

65 **1 of 1** **W/183.1** **94.9 / 10.00** **lot 1 con A ON** **WWIS**

Well ID:	1506577	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/23/1955
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-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028613	**Elevation:**	98.163352
DP2BR:	71	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445870.8
Code OB Desc:	Bedrock	**North83:**	5008392
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	8/5/1955	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

Formation ID: 931004893
Layer: 3
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 120
Formation End Depth: 130
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004892
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 71
Formation End Depth: 120
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004891
Layer: 1
Color:
General Color:
Mat1: 13
Most Common Material: BOULDERS
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 71
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10577183
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049958
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	130
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049957
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	75
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506577
Pump Set At:	
Static Level:	44
Final Level After Pumping:	60
Recommended Pump Depth:	
Pumping Rate:	6
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	3
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460736
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	130
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
66	1 of 1	ESE/183.4	86.9 / 2.03	MANOTICK ON	WWIS

Well ID:	7246071	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	8/5/2015
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z208993	**Owner:**	
Tag:	A178526	**Street Name:**	5517 MANOTICK MAIN STREET
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER 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:			

Bore Hole Information

Bore Hole ID:	1005542845	**Elevation:**	88.332641
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446189
Code OB Desc:		**North83:**	5008322
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/2/2015	**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:	1005675116
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	0.31
Formation End Depth:	0.31
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005675117

Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	11
Other Materials:	GRAVEL
Mat3:	28
Other Materials:	SAND
Formation Top Depth:	0.31
Formation End Depth:	5.18
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005675115
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	0.31
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675126
Layer:	2
Plug From:	0.31
Plug To:	1.52
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675125
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675127
Layer:	3
Plug From:	1.52
Plug To:	5.18
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5

Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1005675114
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1005675120
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 2.13
Casing Diameter: 5.2
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1005675121
Layer: 1
Slot: 10
Screen Top Depth: 2.13
Screen End Depth: 5.18
Screen Material: 5
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter: 6.03

Hole Diameter

Hole ID: 1005675118
Diameter: 11.43
Depth From: 0
Depth To: 5.18
Hole Depth UOM: m
Hole Diameter UOM: cm

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67 **1 of 1** **ESE/184.8** **87.0 / 2.08** **lot 2 ON** **WWIS**

Well ID: 1506454
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:

Data Entry Status:
Data Src: 1
Date Received: 3/22/1950
Selected Flag: Yes
Abandonment Rec:
Contractor: 3566
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NORTH GOWER TOWNSHIP
Site Info:
Lot: 002
Concession:
Concession Name: BF
Easting NAD83:

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

Bore Hole Information

Bore Hole ID:	10028490	***Elevation:***	89.245925
DP2BR:	14	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446215.8
Code OB Desc:	Bedrock	***North83:***	5008362
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	1/3/1950	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004567
Layer:	1
Color:	
General Color:	
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	14
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004568
Layer:	2
Color:	
General Color:	
Mat1:	26
Most Common Material:	ROCK
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	14
Formation End Depth:	48
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1

Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10577060
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049722
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 48
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049721
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 21
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506454
Pump Set At:
Static Level: 14
Final Level After Pumping: 17
Recommended Pump Depth:
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: N

Water Details

Water ID: 933460603
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 30
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
68	1 of 1	ESE/186.4	87.0 / 2.08	ON	WWIS

Well ID:	7317451	**Data Entry Status:**	Yes
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	8/20/2018
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:		**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z286634	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER 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:			

Bore Hole Information

Bore Hole ID:	1007264436	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446225
Code OB Desc:		**North83:**	5008381
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	5/25/2018	**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:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
69	1 of 1	E/186.7	86.3 / 1.47	ON	BORE

Borehole ID:	611820	**Inclin FLG:**	No
OGF ID:	215513132	**SP Status:**	Initial Entry
Status:		**Surv Elev:**	No
Type:	Borehole	**Piezometer:**	No
Use:		**Primary Name:**	
Completion Date:		**Municipality:**	
Static Water Level:	1.8	**Lot:**	
Primary Water Use:		**Township:**	
Sec. Water Use:		**Latitude DD:**	45.227054
Total Depth m:	-999	**Longitude DD:**	-75.684929
Depth Ref:	Ground Surface	**UTM Zone:**	18
Depth Elev:		**Easting:**	446231
Drill Method:		**Northing:**	5008402
Orig Ground Elev m:	88.4	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	88.3		
Concession:			
Location D:			

Survey D:
Comments:

Borehole Geology Stratum

Geology Stratum ID: 218389289
Top Depth: 0
Bottom Depth: .9
Material Color:
Material 1: Soil
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SOIL.

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

Geology Stratum ID: 218389291
Top Depth: 6.1
Bottom Depth:
Material Color:
Material 1: Bedrock
Material 2: Limestone
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK,LIMESTONE. WATER STABLE AT 284.0 FEET.K,LIMESTONE. CK. SEISMIC VELOCITY = 19000.

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

Geology Stratum ID: 218389290
Top Depth: .9
Bottom Depth: 6.1
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:

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: OTTAWA1.txt RecordID: 043280 NTS_Sheet: 31G04G
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

70	1 of 1	E/188.4	85.7 / 0.82	lot 1 ON	WWIS

Well ID: 1506436
Data Entry Status:

Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	6/22/1953
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3725
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028472	***Elevation:***	87.979171
DP2BR:	27	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446235.8
Code OB Desc:	Bedrock	***North83:***	5008427
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	3/4/1953	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004519
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	22
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004520
Layer:	2
Color:	
General Color:	
Mat1:	11

Most Common Material:	GRAVEL
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	22
Formation End Depth:	27
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004521
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	27
Formation End Depth:	76
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10577042
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049688
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	76
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049687
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	28
Casing Diameter:	4

Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506436
Pump Set At:	
Static Level:	20
Final Level After Pumping:	23
Recommended Pump Depth:	
Pumping Rate:	2
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	20
Flowing:	N

Water Details

Water ID:	933460584
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	49
Water Found Depth UOM:	ft

71 **1 of 1** **ESE/189.4** **86.9 / 2.03** **MANOTICK ON** **WWIS**

Well ID:	7217539	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring and Test Hole	**Date Received:**	3/13/2014
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Abandoned-Other	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z173614	**Owner:**	
Tag:		**Street Name:**	5521 MONOTICK MAIN ST
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER 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:			

Bore Hole Information

Bore Hole ID:	1004720168	**Elevation:**	88.374504
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446191
Code OB Desc:		**North83:**	5008315

Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	2/14/2014	**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:	1005097161
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Other Materials:	GRAVEL
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	0
Formation End Depth:	
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005097169
Layer:	1
Plug From:	0
Plug To:	1.83
Plug Depth UOM:	m

Pipe Information

Pipe ID:	1005097160
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005097164
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	13.97
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005097165
Layer:	
Slot:	
Screen Top Depth:	

Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Hole Diameter

Hole ID: 1005097162
Diameter: 15.24
Depth From: 0
Depth To: 13.5
Hole Depth UOM: m
Hole Diameter UOM: cm

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72 **1 of 1** **ESE/192.0** **87.0 / 2.08** **lot 1 ON** **WWIS**

Well ID: 1514801
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: 8/15/1975
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NORTH GOWER TOWNSHIP
Site Info:
Lot: 001
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10036771
DP2BR: 20
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 7/24/1975
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 89.385353
Elevrc:
Zone: 18
East83: 446222.8
North83: 5008360
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931027363
Layer: 1

Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	5
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931027364
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	5
Formation End Depth:	15
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931027365
Layer:	3
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	15
Formation End Depth:	20
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931027366
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	20
Formation End Depth:	73
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10585341
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930065004
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 25
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930065005
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 73
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991514801
Pump Set At:
Static Level: 20
Final Level After Pumping: 50
Recommended Pump Depth: 60
Pumping Rate: 6
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: N

Draw Down & Recovery

Pump Test Detail ID: 934644616

Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934100616
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934383631
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934902085
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933470771
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70
Water Found Depth UOM:	ft

Water Details

Water ID:	933470770
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48
Water Found Depth UOM:	ft

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73 ***1 of 1*** ***SE/193.2*** ***86.9 / 2.03*** ***MANOTICK ON*** ***WWIS***

Well ID:	7246073	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	8/5/2015
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Monitoring and Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z208991	**Owner:**	
Tag:	A178595	**Street Name:**	5517 MANOTICK MAIN STREET
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP

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

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

Bore Hole Information

Bore Hole ID:	1005542862	***Elevation:***	88.189361
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:		***East83:***	446185
Code OB Desc:		***North83:***	5008303
Open Hole:		***Org CS:***	UTM83
Cluster Kind:		***UTMRC:***	4
Date Completed:	7/2/2015	***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:	1005675143
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Other Materials:	SAND
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0
Formation End Depth:	0.31
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005675145
Layer:	3
Color:	2
General Color:	GREY
Mat1:	06
Most Common Material:	SILT
Mat2:	28
Other Materials:	SAND
Mat3:	85
Other Materials:	SOFT
Formation Top Depth:	4.27
Formation End Depth:	5.18
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1005675144
Layer:	2
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Other Materials:	GRAVEL
Mat3:	77
Other Materials:	LOOSE
Formation Top Depth:	0.31
Formation End Depth:	4.27
Formation End Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675152
Layer:	2
Plug From:	0.31
Plug To:	1.52
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675151
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1005675153
Layer:	3
Plug From:	1.52
Plug To:	5.18
Plug Depth UOM:	m

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	1005675142
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1005675148
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	2.13
Casing Diameter:	5.2
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1005675149
Layer:	1
Slot:	10
Screen Top Depth:	2.13
Screen End Depth:	5.18
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	6.03

Hole Diameter

Hole ID:	1005675146
Diameter:	11.43
Depth From:	0
Depth To:	5.18
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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74 | ***1 of 1*** | ***ESE/193.7*** | ***87.0 / 2.13*** | ***Rideau Valley Conservation Authority 1143 Clapp Lane Manotick ON*** | ***GEN***

Generator No:	ON7148101	**PO Box No:**	
Status:		**Country:**	
Approval Years:	03,04,05,06	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	541990		
SIC Description:	All Other Prof., Scientific & Tech. Services		

Detail(s)

Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS
Waste Class:	113
Waste Class Desc:	ACID WASTE - OTHER METALS

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75 | ***1 of 1*** | ***W/198.2*** | ***94.7 / 9.80*** | ***lot 1 con A ON*** | ***WWIS***

Well ID:	1506594	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Livestock	**Date Received:**	12/14/1966
Sec. Water Use:	Domestic	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4216
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	

Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028630	**Elevation:**	98.156471
DP2BR:	62	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445850.8
Code OB Desc:	Bedrock	**North83:**	5008417
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	11/5/1966	**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:	931004934
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	18
Other Materials:	SANDSTONE
Mat3:	
Other Materials:	
Formation Top Depth:	62
Formation End Depth:	100
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004936
Layer:	5
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	130
Formation End Depth:	144

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004933
Layer: 2
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 38
Formation End Depth: 62
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004935
Layer: 4
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 100
Formation End Depth: 130
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004932
Layer: 1
Color:
General Color:
Mat1: 23
Most Common Material: PREVIOUSLY DUG
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 38
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10577200
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049990
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 64
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049991
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 144
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506594
Pump Set At:
Static Level: 55
Final Level After Pumping: 144
Recommended Pump Depth: 75
Pumping Rate: 60
Flowing Rate:
Recommended Pump Rate: 3
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: N

Water Details

Water ID: 933460755
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 144
Water Found Depth UOM: ft

76	*1 of 1*	*SSE/199.0*	*87.0 / 2.08*	*lot 1 ON*	*WWIS*

Well ID: 1506447 ***Data Entry Status:***

Construction Date:		***Data Src:***	1
Primary Water Use:	Commerical	***Date Received:***	12/6/1960
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	4216
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028483	***Elevation:***	87.209205
DP2BR:	94	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446115.8
Code OB Desc:	Bedrock	***North83:***	5008252
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	11/5/1960	***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:	931004550
Layer:	1
Color:	
General Color:	
Mat1:	23
Most Common Material:	PREVIOUSLY DUG
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	94
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004551
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15

Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 94
Formation End Depth: 125
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10577053
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049708
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 125
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049707
Layer: 1
Material:
Open Hole or Material:
Depth From:
Depth To: 94
Casing Diameter:
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506447
Pump Set At:
Static Level: 20
Final Level After Pumping: 24
Recommended Pump Depth:
Pumping Rate: 10
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR

Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460596
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	105
Water Found Depth UOM:	ft

---

77 | **1 of 1** | **WNW/202.6** | **84.8 / -0.08** | **lot 1 ON** | **WWIS**

Well ID:	1506430	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	12/14/1961
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3566
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028466	**Elevation:**	85.576614
DP2BR:	30	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445890.8
Code OB Desc:	Bedrock	**North83:**	5008567
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	5/29/1951	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004502
Layer:	1
Color:	

General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Other Materials:	MEDIUM SAND
Mat3:	12
Other Materials:	STONES
Formation Top Depth:	0
Formation End Depth:	30
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004503
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	30
Formation End Depth:	88
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10577036
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049676
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	88
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049675
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	

Depth To:	32
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506430
Pump Set At:	
Static Level:	18
Final Level After Pumping:	20
Recommended Pump Depth:	
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	N

Water Details

Water ID:	933460577
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	88
Water Found Depth UOM:	ft

Water Details

Water ID:	933460576
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50
Water Found Depth UOM:	ft

---

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Well ID:	1506450	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	2/23/1949
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	

Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10028486	***Elevation:***	89.643783
DP2BR:	14	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446230.8
Code OB Desc:	Bedrock	***North83:***	5008352
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	11/26/1948	***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:	931004558
Layer:	3
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	14
Formation End Depth:	69
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004557
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	3
Formation End Depth:	14
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004556
Layer:	1
Color:	

General Color:
Mat1: 02
Most Common Material: TOPSOIL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10577056
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049713
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 14
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049714
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 69
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506450
Pump Set At:
Static Level: 20
Final Level After Pumping: 24
Recommended Pump Depth:
Pumping Rate: 30
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM

Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460599
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	62
Water Found Depth UOM:	ft

---

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Well ID:	1506452	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	11/28/1949
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3601
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028488	**Elevation:**	89.153282
DP2BR:	18	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446220.8
Code OB Desc:	Bedrock	**North83:**	5008332
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	8/6/1949	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004563

Layer: 2
Color:
General Color:
Mat1: 11
Most Common Material: GRAVEL
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 10
Formation End Depth: 18
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004564
Layer: 3
Color:
General Color:
Mat1: 21
Most Common Material: GRANITE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 18
Formation End Depth: 63
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931004562
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 10
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10577058
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930049718
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	63
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049717
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	18
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506452
Pump Set At:	
Static Level:	10
Final Level After Pumping:	
Recommended Pump Depth:	
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460601
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

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Order No:	20140905021	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	10-SEP-14	***Search Radius (km):***	.25
Date Received:	05-SEP-14	***X:***	-75.684689
Previous Site Name:		***Y:***	45.227112
Lot/Building Size:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Additional Info Ordered:					

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Well ID: 1506475
Construction Date:
Primary Water Use: Commerical
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: 6/27/1960
Selected Flag: Yes
Abandonment Rec:
Contractor: 3601
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NORTH GOWER TOWNSHIP
Site Info:
Lot: 001
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10028511
DP2BR: 20
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 5/24/1960
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 89.666419
Elevrc:
Zone: 18
East83: 446230.8
North83: 5008347
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 931004615
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 20
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID:	931004616
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	20
Formation End Depth:	90
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10577081
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049764
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	21
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049765
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	90
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506475
Pump Set At:	
Static Level:	32
Final Level After Pumping:	40

Recommended Pump Depth:	40
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	4
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:	N

Water Details

Water ID:	933460624
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	89
Water Found Depth UOM:	ft

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Well ID:	1506474	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Commerical	***Date Received:***	6/5/1959
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028510	***Elevation:***	88.000625
DP2BR:	13	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446180.8
Code OB Desc:	Bedrock	***North83:***	5008282
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	3/30/1959	***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:	931004614
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	13
Formation End Depth:	44
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004613
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	13
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10577080
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049762
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	13
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049763
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	44
Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506474
Pump Set At:	
Static Level:	6
Final Level After Pumping:	12
Recommended Pump Depth:	12
Pumping Rate:	4
Flowing Rate:	
Recommended Pump Rate:	4
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:	N

Water Details

Water ID:	933460623
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	42
Water Found Depth UOM:	ft

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Well ID:	1506468	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/14/1957
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3601
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	

Clear/Cloudy:

Bore Hole Information

Bore Hole ID:	10028504	***Elevation:***	88.117042
DP2BR:	34	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446185.8
Code OB Desc:	Bedrock	***North83:***	5008282
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	6/20/1957	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004601
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	34
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004602
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	34
Formation End Depth:	36
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10577074
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049750
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 36
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049749
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 34
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506468
Pump Set At:
Static Level: 6
Final Level After Pumping: 20
Recommended Pump Depth:
Pumping Rate: 3
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933460617
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 36
Water Found Depth UOM: ft

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Well ID:	1514236	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/22/1974
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10036213	**Elevation:**	98.652236
DP2BR:	58	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445965.8
Code OB Desc:	Bedrock	**North83:**	5008244
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/19/1974	**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:	931025682
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	58
Formation End Depth:	135
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931025683
Layer:	4
Color:	1
General Color:	WHITE

Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 135
Formation End Depth: 180
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931025680
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 20
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931025681
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 20
Formation End Depth: 58
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10584783
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930063975

Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	180
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930063974
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	60
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991514236
Pump Set At:	
Static Level:	20
Final Level After Pumping:	50
Recommended Pump Depth:	65
Pumping Rate:	20
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934099126
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934642444
Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381870
Test Type:	Draw Down
Test Duration:	30
Test Level:	50

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934900330
Test Type: Draw Down
Test Duration: 60
Test Level: 50
Test Level UOM: ft

Water Details

Water ID: 933470067
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 178
Water Found Depth UOM: ft

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Well ID: 1518101
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: 1/11/1983
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NORTH GOWER TOWNSHIP
Site Info:
Lot: 001
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10039972
DP2BR: 38
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 10/15/1982
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 89.17958
Elevrc:
Zone: 18
East83: 446229.8
North83: 5008321
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock

Materials Interval

Formation ID:	931037361
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	6
Formation End Depth:	38
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931037360
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931037362
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	38
Formation End Depth:	75
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10588542
Casing No:	1

Comment:
Alt Name:

Construction Record - Casing

Casing ID:	930069828
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	75
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930069827
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	40
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991518101
Pump Set At:	
Static Level:	15
Final Level After Pumping:	65
Recommended Pump Depth:	65
Pumping Rate:	15
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:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934897281
Test Type:	Draw Down
Test Duration:	60
Test Level:	65
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934647590
Test Type:	Draw Down
Test Duration:	45
Test Level:	65
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934103422
Test Type:	Draw Down
Test Duration:	15
Test Level:	65
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934377757
Test Type:	Draw Down
Test Duration:	30
Test Level:	65
Test Level UOM:	ft

Water Details

Water ID:	933474745
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70
Water Found Depth UOM:	ft

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Well ID:	1518224	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	5/6/1983
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040094	***Elevation:***	89.17958
DP2BR:	39	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446229.8
Code OB Desc:	Bedrock	***North83:***	5008321
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	4/18/1983	***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: 931037762
Layer: 1
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 39
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931037763
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 39
Formation End Depth: 70
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10588664
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930070005
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 70

Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930070004
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 42
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991518224
Pump Set At:
Static Level: 18
Final Level After Pumping: 60
Recommended Pump Depth: 60
Pumping Rate: 20
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: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934378293
Test Type: Draw Down
Test Duration: 30
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934639352
Test Type: Draw Down
Test Duration: 45
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934103541
Test Type: Draw Down
Test Duration: 15
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934897813
Test Type:	Draw Down
Test Duration:	60
Test Level:	60
Test Level UOM:	ft

Water Details

Water ID:	933474895
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65
Water Found Depth UOM:	ft

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Well ID:	1518758	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	1/13/1984
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040628	**Elevation:**	89.17958
DP2BR:	24	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446229.8
Code OB Desc:	Bedrock	**North83:**	5008321
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/15/1983	**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:	931039464
Layer:	2

Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	19
Formation End Depth:	24
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931039463
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	19
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931039465
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	24
Formation End Depth:	63
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10589198
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID: 930070932
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930070931
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 28
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991518758
Pump Set At:
Static Level: 15
Final Level After Pumping: 50
Recommended Pump Depth: 50
Pumping Rate: 20
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: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934650475
Test Type: Draw Down
Test Duration: 45
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934103234
Test Type: Draw Down
Test Duration: 15
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934899595
Test Type: Draw Down

Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934380492
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933475553
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58
Water Found Depth UOM:	ft

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Well ID:	1518993	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	7/3/1984
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040863	**Elevation:**	89.17958
DP2BR:	26	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	h	**East83:**	446229.8
Code OB Desc:	Mixed in a Layer	**North83:**	5008321
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	2/13/1984	**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: 931040263
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 26
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931040264
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 15
Other Materials: LIMESTONE
Mat3:
Other Materials:
Formation Top Depth: 26
Formation End Depth: 44
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931040265
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 44
Formation End Depth: 75
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10589433
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930071332
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	46
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930071333
Layer:	2
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	75
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991518993
Pump Set At:	
Static Level:	15
Final Level After Pumping:	50
Recommended Pump Depth:	50
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:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934651534
Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934106395
Test Type:	Draw Down
Test Duration:	15
Test Level:	50

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934900646
Test Type: Draw Down
Test Duration: 60
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934381137
Test Type: Draw Down
Test Duration: 30
Test Level: 50
Test Level UOM: ft

Water Details

Water ID: 933475853
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 71
Water Found Depth UOM: ft

Water Details

Water ID: 933475852
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 65
Water Found Depth UOM: ft

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Well ID: 1519082
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: 8/23/1984
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NORTH GOWER TOWNSHIP
Site Info:
Lot: 001
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10040952	**Elevation:**	89.17958
DP2BR:	38	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446229.8
Code OB Desc:	Bedrock	**North83:**	5008321
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	8/17/1984	**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:	931040539
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	9
Formation End Depth:	38
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040540
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	38
Formation End Depth:	63
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040538
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	

Other Materials:
Formation Top Depth: 0
Formation End Depth: 9
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10589522
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930071495
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 40
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930071496
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991519082
Pump Set At:
Static Level: 10
Final Level After Pumping: 40
Recommended Pump Depth: 40
Pumping Rate: 20
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: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID:	934381643
Test Type:	Draw Down
Test Duration:	30
Test Level:	40
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934901150
Test Type:	Draw Down
Test Duration:	60
Test Level:	40
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934651621
Test Type:	Draw Down
Test Duration:	45
Test Level:	40
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934106902
Test Type:	Draw Down
Test Duration:	15
Test Level:	40
Test Level UOM:	ft

Water Details

Water ID:	933475963
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Well ID:	1519083	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/23/1984
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	

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

Bore Hole Information

Bore Hole ID:	10040953	***Elevation:***	89.17958
DP2BR:	23	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446229.8
Code OB Desc:	Bedrock	***North83:***	5008321
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	8/1/1984	***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:	931040541
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	23
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040542
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	23
Formation End Depth:	63
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	5

Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10589523
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930071498
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930071497
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 26
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991519083
Pump Set At:
Static Level: 10
Final Level After Pumping: 50
Recommended Pump Depth: 50
Pumping Rate: 15
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: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934651622
Test Type: Draw Down
Test Duration: 45
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934381644
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934106903
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934901151
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933475964
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

Water Details

Water ID:	933475965
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	57
Water Found Depth UOM:	ft

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Well ID:	1519089	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/23/1984
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	

Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10040959	***Elevation:***	89.17958
DP2BR:	35	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446229.8
Code OB Desc:	Bedrock	***North83:***	5008321
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	8/9/1984	***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:	931040560
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	35
Formation End Depth:	63
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040559
Layer:	1
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	35
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Other Method Construction:

Pipe Information

Pipe ID: 10589529
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930071508
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 37
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930071509
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991519089
Pump Set At:
Static Level: 20
Final Level After Pumping: 50
Recommended Pump Depth: 50
Pumping Rate: 20
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: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934106909
Test Type: Draw Down
Test Duration: 15
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934901157
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381650
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934651628
Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933475973
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	59
Water Found Depth UOM:	ft

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Well ID:	1519092	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/23/1984
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040962	***Elevation:***	89.17958
DP2BR:	46	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446229.8

Code OB Desc:	Bedrock	***North83:***	5008321
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	8/10/1984	***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:	931040567
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	26
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040569
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	46
Formation End Depth:	63
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040568
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	26
Formation End Depth:	46
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10589532
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930071514
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 48
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930071515
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991519092
Pump Set At:
Static Level: 15
Final Level After Pumping: 45
Recommended Pump Depth: 45
Pumping Rate: 15
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: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934651631

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

Draw Down & Recovery

Pump Test Detail ID:	934901160
Test Type:	Draw Down
Test Duration:	60
Test Level:	45
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381653
Test Type:	Draw Down
Test Duration:	30
Test Level:	45
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934106912
Test Type:	Draw Down
Test Duration:	15
Test Level:	45
Test Level UOM:	ft

Water Details

Water ID:	933475976
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	57
Water Found Depth UOM:	ft

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Well ID:	1519093	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/23/1984
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040963	***Elevation:***	89.17958
DP2BR:	49	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446229.8
Code OB Desc:	Bedrock	***North83:***	5008321
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	8/9/1984	***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:	931040571
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	28
Formation End Depth:	49
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040570
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	28
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040572
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	

Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 49
Formation End Depth: 63
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10589533
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930071516
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 51
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930071517
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 63
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991519093
Pump Set At:
Static Level: 10
Final Level After Pumping: 50
Recommended Pump Depth: 50
Pumping Rate: 20
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: 1

Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934381654
Test Type: Draw Down
Test Duration: 30
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934901161
Test Type: Draw Down
Test Duration: 60
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934651632
Test Type: Draw Down
Test Duration: 45
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934106913
Test Type: Draw Down
Test Duration: 15
Test Level: 50
Test Level UOM: ft

Water Details

Water ID: 933475977
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 58
Water Found Depth UOM: ft

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Well ID: 1519108
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:

Data Entry Status:
Data Src: 1
Date Received: 8/7/1984
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NORTH GOWER TOWNSHIP
Site Info:
Lot: 001
Concession:

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

Bore Hole Information

Bore Hole ID:	10040978	***Elevation:***	89.17958
DP2BR:	22	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446229.8
Code OB Desc:	Bedrock	***North83:***	5008321
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	7/19/1984	***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:	931040625
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Other Materials:	BOULDERS
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	12
Formation End Depth:	20
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040626
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	11
Other Materials:	GRAVEL
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	20
Formation End Depth:	22
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040624
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	79
Other Materials:	PACKED
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	12
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040627
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	78
Other Materials:	MEDIUM-GRAINED
Mat3:	
Other Materials:	
Formation Top Depth:	22
Formation End Depth:	50
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10589548
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930071544
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	25
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930071545
Layer:	2

Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	50
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519108
Pump Set At:	
Static Level:	8
Final Level After Pumping:	30
Recommended Pump Depth:	40
Pumping Rate:	15
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:	0
Pumping Duration MIN:	30
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934106928
Test Type:	Draw Down
Test Duration:	15
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381669
Test Type:	Draw Down
Test Duration:	30
Test Level:	30
Test Level UOM:	ft

Water Details

Water ID:	933475998
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

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Well ID:	1519175	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/7/1984
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1

Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10041045	***Elevation:***	89.17958
DP2BR:	33	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446229.8
Code OB Desc:	Bedrock	***North83:***	5008321
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	7/20/1984	***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:	931040842
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	11
Other Materials:	GRAVEL
Mat3:	13
Other Materials:	BOULDERS
Formation Top Depth:	0
Formation End Depth:	33
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040843
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	33

Formation End Depth:	75
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10589615
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930071664
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	75
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930071663
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	36
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519175
Pump Set At:	
Static Level:	21
Final Level After Pumping:	50
Recommended Pump Depth:	60
Pumping Rate:	10
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:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID: 934107415
Test Type: Draw Down
Test Duration: 15
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934382153
Test Type: Draw Down
Test Duration: 30
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934652686
Test Type: Draw Down
Test Duration: 45
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934901237
Test Type: Draw Down
Test Duration: 60
Test Level: 50
Test Level UOM: ft

Water Details

Water ID: 933476088
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 48
Water Found Depth UOM: ft

Water Details

Water ID: 933476089
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 72
Water Found Depth UOM: ft

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Well ID: 1519331
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Recharge Well
Water Type:
Casing Material:
Audit No:

Data Entry Status:
Data Src: 1
Date Received: 10/25/1984
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:

Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10041201	**Elevation:**	89.17958
DP2BR:	21	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446229.8
Code OB Desc:	Bedrock	**North83:**	5008321
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	9/6/1984	**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:	931041336
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	10
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931041338
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	21
Formation End Depth:	62

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931041337
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 12
Other Materials: STONES
Mat3:
Other Materials:
Formation Top Depth: 10
Formation End Depth: 21
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10589771
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930071941
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 24
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930071942
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 62
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991519331

Pump Set At:	
Static Level:	8
Final Level After Pumping:	50
Recommended Pump Depth:	
Pumping Rate:	20
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934382725
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934107989
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934901809
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934652141
Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933476284
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

Water Details

Water ID:	933476285
Layer:	2

Kind Code:	1
Kind:	FRESH
Water Found Depth:	57
Water Found Depth UOM:	ft

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Well ID:	1519332	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/25/1984
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	3644
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	BF
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10041202	**Elevation:**	89.17958
DP2BR:	26	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446229.8
Code OB Desc:	Bedrock	**North83:**	5008321
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	9/6/1984	**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:	931041340
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	10
Formation End Depth:	26
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID: 931041339
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 10
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931041341
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 26
Formation End Depth: 63
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10589772
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930071943
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 29
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID:	930071944
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	63
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519332
Pump Set At:	
Static Level:	10
Final Level After Pumping:	40
Recommended Pump Depth:	40
Pumping Rate:	30
Flowing Rate:	
Recommended Pump Rate:	15
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934901810
Test Type:	Draw Down
Test Duration:	60
Test Level:	40
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934382726
Test Type:	Draw Down
Test Duration:	30
Test Level:	40
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934652142
Test Type:	Draw Down
Test Duration:	45
Test Level:	40
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934107990
Test Type:	Draw Down
Test Duration:	15
Test Level:	40

Test Level UOM: ft

Water Details

Water ID: 933476287
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 58
Water Found Depth UOM: ft

Water Details

Water ID: 933476286
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 48
Water Found Depth UOM: ft

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Well ID: 1519469
Construction Date:
Primary Water Use: Domestic
Sec. Water Use: 0
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No:
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 2/7/1985
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NORTH GOWER TOWNSHIP
Site Info:
Lot: 001
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10041339
DP2BR: 42
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 10/25/1984
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 89.17958
Elevrc:
Zone: 18
East83: 446229.8
North83: 5008321
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID:	931041787
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	24
Formation End Depth:	42
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931041788
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	42
Formation End Depth:	84
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931041786
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	24
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10589909

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930072180
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 84
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930072179
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 44
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991519469
Pump Set At:
Static Level: 15
Final Level After Pumping: 50
Recommended Pump Depth: 50
Pumping Rate: 15
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: 1
Pumping Duration MIN: 0
Flowing: N

Draw Down & Recovery

Pump Test Detail ID: 934893600
Test Type: Draw Down
Test Duration: 60
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934653255
Test Type: Draw Down
Test Duration: 45
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934383276
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934109102
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933476471
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	79
Water Found Depth UOM:	ft

Water Details

Water ID:	933476470
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

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Well ID:	1514492	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/29/1975
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10036465	**Elevation:**	89.209854
DP2BR:	34	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	446230.8
Code OB Desc:	Bedrock	**North83:**	5008322
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	11/1/1974	**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:	931026392
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	32
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931026393
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Other Materials:	STONES
Mat3:	
Other Materials:	
Formation Top Depth:	32
Formation End Depth:	34
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931026394
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	

Formation Top Depth:	34
Formation End Depth:	55
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10585035
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930064446
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991514492
Pump Set At:	
Static Level:	16
Final Level After Pumping:	30
Recommended Pump Depth:	30
Pumping Rate:	10
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:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	N

Draw Down & Recovery

Pump Test Detail ID:	934100325
Test Type:	Draw Down
Test Duration:	15
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934382507

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

Draw Down & Recovery

Pump Test Detail ID:	934900965
Test Type:	Draw Down
Test Duration:	60
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934643496
Test Type:	Draw Down
Test Duration:	45
Test Level:	30
Test Level UOM:	ft

Water Details

Water ID:	933470371
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	53
Water Found Depth UOM:	ft

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Well ID:	1514913	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	9/11/1975
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10036879	**Elevation:**	95.517005
DP2BR:	35	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445832.8
Code OB Desc:	Bedrock	**North83:**	5008479
Open Hole:		**Org CS:**	

Cluster Kind:
Date Completed: 8/26/1975
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

Formation ID: 931027664
Layer: 2
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 79
Other Materials: PACKED
Mat3:
Other Materials:
Formation Top Depth: 6
Formation End Depth: 20
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931027665
Layer: 3
Color: 3
General Color: BLUE
Mat1: 05
Most Common Material: CLAY
Mat2: 85
Other Materials: SOFT
Mat3:
Other Materials:
Formation Top Depth: 20
Formation End Depth: 35
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931027663
Layer: 1
Color: 2
General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 01
Other Materials: FILL
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID:	931027666
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	35
Formation End Depth:	60
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10585449
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930065195
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	60
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930065194
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	38
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991514913
Pump Set At:	
Static Level:	15
Final Level After Pumping:	25
Recommended Pump Depth:	40

Pumping Rate:	25
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934100719
Test Type:	Draw Down
Test Duration:	15
Test Level:	25
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934893844
Test Type:	Draw Down
Test Duration:	60
Test Level:	25
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934384152
Test Type:	Draw Down
Test Duration:	30
Test Level:	25
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934645137
Test Type:	Draw Down
Test Duration:	45
Test Level:	25
Test Level UOM:	ft

Water Details

Water ID:	933470889
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	53
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
88	*1 of 1*	*W/218.7*	*95.3 / 10.45*	*lot 1 con A ON*	*WWIS*

Well ID:	1518719	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	11/24/1983
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	

Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	A
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040589	***Elevation:***	97.936378
DP2BR:	54	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	445829.8
Code OB Desc:	Bedrock	***North83:***	5008421
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	10/14/1983	***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:	931039330
Layer:	4
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	73
Other Materials:	HARD
Mat3:	
Other Materials:	
Formation Top Depth:	96
Formation End Depth:	175
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931039329
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	78
Other Materials:	MEDIUM-GRAINED
Mat3:	

Other Materials:
Formation Top Depth: 54
Formation End Depth: 96
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931039327
Layer: 1
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Other Materials: BOULDERS
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 0
Formation End Depth: 18
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931039328
Layer: 2
Color: 2
General Color: GREY
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Other Materials: BOULDERS
Mat3: 79
Other Materials: PACKED
Formation Top Depth: 18
Formation End Depth: 54
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10589159
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930070868
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 175

Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930070867
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 51
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991518719
Pump Set At:
Static Level: 35
Final Level After Pumping: 120
Recommended Pump Depth: 140
Pumping Rate: 7
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: N

Draw Down & Recovery

Pump Test Detail ID: 934650436
Test Type: Draw Down
Test Duration: 45
Test Level: 120
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934380453
Test Type: Draw Down
Test Duration: 30
Test Level: 120
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934899556
Test Type: Draw Down
Test Duration: 60
Test Level: 120
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934104031
Test Type:	Draw Down
Test Duration:	15
Test Level:	120
Test Level UOM:	ft

Water Details

Water ID:	933475504
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	175
Water Found Depth UOM:	ft

Water Details

Water ID:	933475503
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	142
Water Found Depth UOM:	ft

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Well ID:	1510260	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/30/1969
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1503
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	LI
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10032288	**Elevation:**	86.109786
DP2BR:	26	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445970.8
Code OB Desc:	Bedrock	**North83:**	5008652
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/24/1969	**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: 931014367
Layer: 2
Color: 3
General Color: BLUE
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 26
Formation End Depth: 78
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931014366
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 26
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10580858
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930057174
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 31
Casing Diameter: 5

Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930057175
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	78
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991510260
Pump Set At:	
Static Level:	10
Final Level After Pumping:	28
Recommended Pump Depth:	50
Pumping Rate:	10
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:	N

Water Details

Water ID:	933465226
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	76
Water Found Depth UOM:	ft

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Well ID:	1506583	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/19/1960
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3701
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	A
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	

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

Bore Hole Information

Bore Hole ID:	10028619	***Elevation:***	93.811752
DP2BR:	60	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	445835.8
Code OB Desc:	Bedrock	***North83:***	5008522
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	7/28/1959	***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:	931004907
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	60
Formation End Depth:	135
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004906
Layer:	1
Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	60
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	
Method Construction Code:	1

Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10577189
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049970
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 135
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049969
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 67
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506583
Pump Set At:
Static Level: 40
Final Level After Pumping: 50
Recommended Pump Depth: 50
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: 1
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933460743
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 135
Water Found Depth UOM: ft

Water Details

Water ID:	933460742
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	100
Water Found Depth UOM:	ft

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Well ID:	1518034	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/13/1982
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	A
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10039905	***Elevation:***	93.904899
DP2BR:	51	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	445829.8
Code OB Desc:	Bedrock	***North83:***	5008521
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	10/21/1982	***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:	931037136
Layer:	5
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	73
Other Materials:	HARD

Mat3:
Other Materials:
Formation Top Depth: 110
Formation End Depth: 155
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931037132
Layer: 1
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 30
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931037134
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 71
Other Materials: FRACTURED
Mat3:
Other Materials:
Formation Top Depth: 51
Formation End Depth: 56
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931037135
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Other Materials: HARD
Mat3:
Other Materials:
Formation Top Depth: 56
Formation End Depth: 110
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931037133
Layer: 2

Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	30
Formation End Depth:	51
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10588475
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930069715
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	155
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930069714
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	59
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991518034
Pump Set At:	
Static Level:	40
Final Level After Pumping:	60
Recommended Pump Depth:	90
Pumping Rate:	30
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934896798
Test Type:	Draw Down
Test Duration:	60
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934377690
Test Type:	Draw Down
Test Duration:	30
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934647524
Test Type:	Draw Down
Test Duration:	45
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934103361
Test Type:	Draw Down
Test Duration:	15
Test Level:	60
Test Level UOM:	ft

Water Details

Water ID:	933474660
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	153
Water Found Depth UOM:	ft

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91 ***2 of 2*** ***WNW/232.9*** ***91.1 / 6.20*** ***lot 1 con A ON*** ***WWIS***

Well ID:	1519105	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	8/7/1984
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	

Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	A
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10040975	***Elevation:***	93.904899
DP2BR:	57	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	445829.8
Code OB Desc:	Bedrock	***North83:***	5008521
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	4
Date Completed:	6/11/1984	***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:	931040615
Layer:	3
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	
Other Materials:	
Formation Top Depth:	14
Formation End Depth:	57
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040616
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	78
Other Materials:	MEDIUM-GRAINED
Mat3:	
Other Materials:	
Formation Top Depth:	57
Formation End Depth:	125
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040613
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	01
Other Materials:	FILL
Formation Top Depth:	0
Formation End Depth:	2
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931040614
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Other Materials:	BOULDERS
Mat3:	79
Other Materials:	PACKED
Formation Top Depth:	2
Formation End Depth:	14
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10589545
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930071538
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	59
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930071539
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	125
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991519105
Pump Set At:	
Static Level:	40
Final Level After Pumping:	75
Recommended Pump Depth:	100
Pumping Rate:	10
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:	N

Draw Down & Recovery

Pump Test Detail ID:	934381666
Test Type:	Draw Down
Test Duration:	30
Test Level:	75
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934106925
Test Type:	Draw Down
Test Duration:	15
Test Level:	75
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934651642
Test Type:	Draw Down
Test Duration:	45
Test Level:	75
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934901171
Test Type:	Draw Down
Test Duration:	60
Test Level:	75

Test Level UOM: ft

Water Details

Water ID: 933475994
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 120
Water Found Depth UOM: ft

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92 | 1 of 4 | E/233.6 | 85.1 / 0.21 | lot 2 ON | WWIS

Well ID: 1515777
Construction Date:
Primary Water Use: Commerical
Sec. Water Use: Domestic
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: 1/12/1977
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA-CARLETON
Municipality: NORTH GOWER TOWNSHIP
Site Info:
Lot: 002
Concession:
Concession Name: BF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10037720
DP2BR: 11
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 12/16/1976
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 88.271766
Elevrc:
Zone: 18
East83: 446280.8
North83: 5008422
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 931030205
Layer: 1
Color: 6
General Color: BROWN
Mat1: 05
Most Common Material: CLAY

Mat2: 13
Other Materials: BOULDERS
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 11
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931030206
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 71
Other Materials: FRACTURED
Mat3:
Other Materials:
Formation Top Depth: 11
Formation End Depth: 22
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931030207
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 22
Formation End Depth: 60
Formation End Depth UOM: ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10586290
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930066483
Layer: 2
Material: 4

Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 60
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930066482
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 25
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991515777
Pump Set At:
Static Level: 7
Final Level After Pumping: 20
Recommended Pump Depth: 25
Pumping Rate: 40
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: N

Draw Down & Recovery

Pump Test Detail ID: 934101350
Test Type: Draw Down
Test Duration: 15
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934639226
Test Type: Draw Down
Test Duration: 45
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934378122
Test Type: Draw Down
Test Duration: 30
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934897127
Test Type:	Draw Down
Test Duration:	60
Test Level:	20
Test Level UOM:	ft

Water Details

Water ID:	933471950
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	55
Water Found Depth UOM:	ft

Water Details

Water ID:	933471949
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

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92 ***2 of 4*** ***E/233.6*** ***85.1 / 0.21*** ***City of Ottawa 1125 Clapp Lane Manotick ON K4M 1A5*** ***GEN***

Generator No:	ON7977016	***PO Box No:***	
Status:		***Country:***	
Approval Years:	07,08	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	812320		
SIC Description:	Dry Cleaning and Laundry Services (except Coin-Operated)		

Detail(s)

Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS

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92 ***3 of 4*** ***E/233.6*** ***85.1 / 0.21*** ***City of Ottawa 1125 Clapp Lane Manotick ON*** ***GEN***

Generator No:	ON7977016	***PO Box No:***	
Status:		***Country:***	
Approval Years:	2009	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	812320		
SIC Description:	Dry Cleaning and Laundry Services (except Coin-Operated)		

Detail(s)

Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
92	4 of 4	E/233.6	85.1 / 0.21	City of Ottawa 1125 Johnstone Clapp Lane Ottawa ON	GEN

Generator No:	ON5172468	**PO Box No:**	
Status:		**Country:**	
Approval Years:	2011	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	913910		
SIC Description:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
93	1 of 2	E/234.5	87.2 / 2.31	ON	WWIS

Well ID:	7317450	**Data Entry Status:**	Yes
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	8/20/2018
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:		**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z286633	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER 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:			

Bore Hole Information

Bore Hole ID:	1007264433	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446275
Code OB Desc:		**North83:**	5008381
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	5/25/2018	**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:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
93	2 of 2	E/234.5	87.2 / 2.31	ON	WWIS

Well ID:	7317452	**Data Entry Status:**	Yes
Construction Date:		**Data Src:**	
Primary Water Use:		**Date Received:**	8/20/2018
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:		**Abandonment Rec:**	

Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z286632	**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER 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:			

Bore Hole Information

Bore Hole ID:	1007264439	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446275
Code OB Desc:		**North83:**	5008381
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:	5/25/2018	**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:			

94	*1 of 13*	*ESE/235.3*	*88.6 / 3.69*	***KARL H POLSTERER MANOTICK SERVICE CENTRE 5527 MAIN ST MANOTICK ON***	***EXP***

Instance No:	9538909
Instance ID:	
Instance Type:	FS Facility
Description:	
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	7/17/1997

94	*2 of 13*	*ESE/235.3*	*88.6 / 3.69*	***KARL H POLSTERER MANOTICK SERVICE CENTRE 5527 MAIN ST MANOTICK ON***	***EXP***

Instance No:	10838777
Instance ID:	
Instance Type:	FS Liquid Fuel Tank
Description:	
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Expired Date:		7/17/1997			

94	3 of 13	ESE/235.3	88.6 / 3.69	KARL H POLSTERER MANOTICK SERVICE CENTRE 5527 MAIN ST MANOTICK ON	EXP

Instance No: 10838793
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 7/17/1997

94	4 of 13	ESE/235.3	88.6 / 3.69	KARL H POLSTERER MANOTICK SERVICE CENTRE 5527 MAIN ST MANOTICK ON	EXP

Instance No: 10838810
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 7/17/1997

94	5 of 13	ESE/235.3	88.6 / 3.69	KARL H POLSTERER MANOTICK SERVICE CENTRE 5527 MAIN ST MANOTICK ON	EXP

Instance No: 10838759
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description:
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type:
Expired Date: 7/17/1997

94	6 of 13	ESE/235.3	88.6 / 3.69	KARL H POLSTERER MANOTICK SERVICE CENTRE 5527 MAIN ST MANOTICK ON	EXP

Instance No: 10838786
Instance ID: 44770
Instance Type: FS Piping
Description: FS Piping
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Facility Type:					
Expired Date:					

94	7 of 13	ESE/235.3	88.6 / 3.69	KARL H POLSTERER MANOTICK SERVICE CENTRE 5527 MAIN ST MANOTICK ON	EXP

Instance No:	10838768
Instance ID:	44839
Instance Type:	FS Piping
Description:	FS Piping
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

94	8 of 13	ESE/235.3	88.6 / 3.69	KARL H POLSTERER MANOTICK SERVICE CENTRE 5527 MAIN ST MANOTICK ON	EXP

Instance No:	10838801
Instance ID:	45840
Instance Type:	FS Piping
Description:	FS Piping
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

94	9 of 13	ESE/235.3	88.6 / 3.69	KARL H POLSTERER MANOTICK SERVICE CENTRE 5527 MAIN ST MANOTICK ON	EXP

Instance No:	10838819
Instance ID:	43655
Instance Type:	FS Piping
Description:	FS Piping
Status:	EXPIRED
TSSA Program Area:	
Maximum Hazard Rank:	
Facility Type:	
Expired Date:	

94	10 of 13	ESE/235.3	88.6 / 3.69	KARL H POLSTERER MANOTICK SERVICE CENTRE 5527 MAIN ST MANOTICK ON NULL	EXP

Instance No:	10838810
Instance ID:	
Instance Type:	FS Liquid Fuel Tank
Description:	FS Gasoline Station - Full Serve
Status:	EXPIRED
TSSA Program Area:	

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

Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 7/17/1997

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94 | 11 of 13 | ESE/235.3 | 88.6 / 3.69 | KARL H POLSTERER MANOTICK SERVICE CENTRE, 5527 MAIN ST, MANOTICK ON NULL | EXP

Instance No: 10838793
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Full Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 7/17/1997

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94 | 12 of 13 | ESE/235.3 | 88.6 / 3.69 | KARL H POLSTERER MANOTICK SERVICE CENTRE, 5527 MAIN ST, MANOTICK ON NULL | EXP

Instance No: 10838777
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Full Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 7/17/1997

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94 | 13 of 13 | ESE/235.3 | 88.6 / 3.69 | KARL H POLSTERER MANOTICK SERVICE CENTRE, 5527 MAIN ST, MANOTICK ON NULL | EXP

Instance No: 10838759
Instance ID:
Instance Type: FS Liquid Fuel Tank
Description: FS Gasoline Station - Full Serve
Status: EXPIRED
TSSA Program Area:
Maximum Hazard Rank:
Facility Type: FS Liquid Fuel Tank
Expired Date: 7/17/1997

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95 | 1 of 1 | E/236.6 | 84.9 / 0.00 | MANOTICK ON | WWIS

Well ID: 7107563
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use:
Final Well Status: Test Hole
Water Type:
Casing Material:

Data Entry Status:
Data Src:
Date Received: 7/7/2008
Selected Flag: Yes
Abandonment Rec:
Contractor: 6964
Form Version: 5

Audit No:	M00600	**Owner:**	
Tag:	A032171	**Street Name:**	1125 CLAPP LANE
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER 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:			

Bore Hole Information

Bore Hole ID:	1001638388	**Elevation:**	87.558433
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446284
Code OB Desc:		**North83:**	5008453
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	3
Date Completed:	1/9/2008	**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:	1002667365
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	1.2
Formation End Depth:	5.1
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1002667364
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0

Formation End Depth: 1.2
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002667368
Layer: 2
Plug From: 0.4
Plug To: 5.1
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1002667367
Layer: 1
Plug From: 0
Plug To: 0.4
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 9
Method Construction: Driving
Other Method Construction:

Pipe Information

Pipe ID: 1002667363
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1002667371
Layer: 2
Material:
Open Hole or Material:
Depth From:
Depth To:
Casing Diameter:
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Casing

Casing ID: 1002667370
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 0
Depth To: 0.4
Casing Diameter: 3.5
Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID:	1002667372
Layer:	1
Slot:	10
Screen Top Depth:	0.4
Screen End Depth:	5.1
Screen Material:	5
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	4.1

Water Details

Water ID:	1002667369
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	0.3
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1002667366
Diameter:	5
Depth From:	0
Depth To:	5.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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96 | ***1 of 1*** | ***S/237.4*** | ***89.9 / 5.00*** | ***lot 2 con A ON*** | ***WWIS***

Well ID:	1509945	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	1/28/1969
Sec. Water Use:	0	***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1703
Casing Material:		***Form Version:***	1
Audit No:		***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA-CARLETON
Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	002
Well Depth:		***Concession:***	A
Overburden/Bedrock:		***Concession Name:***	CON
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10031977	***Elevation:***	91.429084
DP2BR:	38	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446060.8
Code OB Desc:	Bedrock	***North83:***	5008202
Open Hole:		***Org CS:***	

Cluster Kind:		**UTMRC:**	4
Date Completed:	9/2/1968	**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:	931013459
Layer:	1
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	11
Other Materials:	GRAVEL
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	38
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931013460
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	38
Formation End Depth:	85
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10580547
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930056577

Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	85
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930056576
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	38
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991509945
Pump Set At:	
Static Level:	25
Final Level After Pumping:	25
Recommended Pump Depth:	38
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:	N

Water Details

Water ID:	933464864
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	85
Water Found Depth UOM:	ft

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97 | ***1 of 1*** | ***ENE/246.0*** | ***83.9 / -1.00*** | ***lot 1 ON*** | ***WWIS***

Well ID:	1506437	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	3/22/1954
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4216
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON

Elevation (m):		***Municipality:***	NORTH GOWER TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	001
Well Depth:		***Concession:***	
Overburden/Bedrock:		***Concession Name:***	BF
Pump Rate:		***Easting NAD83:***	
Static Water Level:		***Northing NAD83:***	
Flowing (Y/N):		***Zone:***	
Flow Rate:		***UTM Reliability:***	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028473	***Elevation:***	82.071517
DP2BR:	30	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	446260.8
Code OB Desc:	Bedrock	***North83:***	5008562
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	2/20/1954	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004523
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	30
Formation End Depth:	83
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004522
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	30
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID: 10577043
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930049690
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 83
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930049689
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 33
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991506437
Pump Set At:
Static Level: 15
Final Level After Pumping: 15
Recommended Pump Depth:
Pumping Rate: 6
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933460586

Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	83
Water Found Depth UOM:	ft

Water Details

Water ID:	933460585
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65
Water Found Depth UOM:	ft

98 **1 of 1** **SE/246.2** **88.3 / 3.42** **lot 2 con A MANOTICK ON** **WWIS**

Well ID:	7311595	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Monitoring	**Date Received:**	5/25/2018
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Observation Wells	**Abandonment Rec:**	
Water Type:		**Contractor:**	7543
Casing Material:		**Form Version:**	7
Audit No:	Z279436	**Owner:**	
Tag:	A241619	**Street Name:**	5530 MAIN ST
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	002
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	1007063924	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	446208
Code OB Desc:		**North83:**	5008252
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	4
Date Completed:		**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:	1007279165
Layer:	2

Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Other Materials:	
Mat3:	66
Other Materials:	DENSE
Formation Top Depth:	6
Formation End Depth:	8
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007279164
Layer:	1
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	0
Formation End Depth:	6
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	1007279166
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	73
Other Materials:	HARD
Formation Top Depth:	8
Formation End Depth:	17.25
Formation End Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007279174
Layer:	1
Plug From:	3
Plug To:	6.25
Plug Depth UOM:	ft

Annular Space/Abandonment Sealing Record

Plug ID:	1007279175
Layer:	2
Plug From:	6.25
Plug To:	17.25

Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1007279176
Layer: 3
Plug From: 0
Plug To: 3
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 6
Method Construction: Boring
Other Method Construction: DIAMOND

Pipe Information

Pipe ID: 1007279163
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 1007279170
Layer: 1
Material: 5
Open Hole or Material: PLASTIC
Depth From: 3
Depth To: 7.25
Casing Diameter: 1.25
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Screen

Screen ID: 1007279171
Layer: 1
Slot: 3
Screen Top Depth: 7.25
Screen End Depth: 17.25
Screen Material: 5
Screen Depth UOM: ft
Screen Diameter UOM: inch
Screen Diameter: 1.66

Hole Diameter

Hole ID: 1007279168
Diameter: 2.25
Depth From: 8
Depth To: 17.25
Hole Depth UOM: ft
Hole Diameter UOM: inch

Hole Diameter

Hole ID:	1007279167
Diameter:	3
Depth From:	0
Depth To:	8
Hole Depth UOM:	ft
Hole Diameter UOM:	inch

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Well ID:	1506579	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	10/6/1958
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1603
Casing Material:		**Form Version:**	1
Audit No:		**Owner:**	
Tag:		**Street Name:**	
Construction Method:		**County:**	OTTAWA-CARLETON
Elevation (m):		**Municipality:**	NORTH GOWER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	001
Well Depth:		**Concession:**	A
Overburden/Bedrock:		**Concession Name:**	CON
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10028615	**Elevation:**	93.913711
DP2BR:	59	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445815.8
Code OB Desc:	Bedrock	**North83:**	5008522
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	7/30/1958	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004897
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	

Formation Top Depth:	59
Formation End Depth:	116
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004896
Layer:	1
Color:	
General Color:	
Mat1:	13
Most Common Material:	BOULDERS
Mat2:	09
Other Materials:	MEDIUM SAND
Mat3:	11
Other Materials:	GRAVEL
Formation Top Depth:	0
Formation End Depth:	59
Formation End Depth UOM:	ft

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	10577185
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930049961
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	61
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID:	930049962
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	116
Casing Diameter:	2
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

Pump Test ID:	991506579
Pump Set At:	
Static Level:	28
Final Level After Pumping:	50
Recommended Pump Depth:	
Pumping Rate:	8
Flowing Rate:	
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	3
Pumping Duration MIN:	0
Flowing:	N

Water Details

Water ID:	933460738
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	116
Water Found Depth UOM:	ft

100 ***1 of 1*** ***NNW/248.7*** ***89.6 / 4.76*** ***ON*** ***WWIS***

Well ID:	1500500	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/29/1957
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-CARLETON
Elevation (m):		**Municipality:**	GLOUCESTER TOWNSHIP
Elevation Reliability:		**Site Info:**	
Depth to Bedrock:		**Lot:**	
Well Depth:		**Concession:**	
Overburden/Bedrock:		**Concession Name:**	LI
Pump Rate:		**Easting NAD83:**	
Static Water Level:		**Northing NAD83:**	
Flowing (Y/N):		**Zone:**	
Flow Rate:		**UTM Reliability:**	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10022543	**Elevation:**	86.723236
DP2BR:	27	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	445960.8
Code OB Desc:	Bedrock	**North83:**	5008672
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	9
Date Completed:	8/2/1957	**UTMRC Desc:**	unknown UTM
Remarks:		**Location Method:**	p9
Elevrc Desc:			

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

Overburden and Bedrock Materials Interval

Formation ID: 930989415
Layer: 2
Color:
General Color:
Mat1: 13
Most Common Material: BOULDERS
Mat2: 11
Other Materials: GRAVEL
Mat3:
Other Materials:
Formation Top Depth: 20
Formation End Depth: 27
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930989414
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 20
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 930989416
Layer: 3
Color:
General Color:
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 27
Formation End Depth: 72
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID:
Method Construction Code: 1

Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10571113
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930038018
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 72
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930038017
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 29
Casing Diameter: 5
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991500500
Pump Set At:
Static Level: 11
Final Level After Pumping: 20
Recommended Pump Depth:
Pumping Rate: 3
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: N

Water Details

Water ID: 933453025
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 65
Water Found Depth UOM: ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
101	1 of 1	E/249.2	85.2 / 0.32	lot 1 con A MANOTICK ON	WWIS

Well ID: 7104234
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: Z78154
Tag: A052495
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:
Date Received: 4/28/2008
Selected Flag: Yes
Abandonment Rec:
Contractor: 1119
Form Version: 4
Owner:
Street Name: 1125 CLAPP LAKE
County: OTTAWA-CARLETON
Municipality: 15
Site Info:
Lot: 001
Concession: A
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1001578861
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 1/10/2008
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 88.153038
Elevrc:
Zone: 18
East83: 446297
North83: 5008438
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1001655850
Layer: 1
Color:
General Color:
Mat1: 05
Most Common Material: CLAY
Mat2:
Other Materials:
Mat3:
Other Materials:
Formation Top Depth: 0
Formation End Depth: 4.9
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID:	1001655851
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Other Materials:	
Mat3:	
Other Materials:	
Formation Top Depth:	4.9
Formation End Depth:	39.6
Formation End Depth UOM:	m

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	1001655849
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1001655857
Layer:	
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	6.1
Casing Diameter:	0.1588
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

Screen ID:	1001655858
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	5
Screen Depth UOM:	
Screen Diameter UOM:	
Screen Diameter:	

Water Details

Water ID:	1001655856
Layer:	3
Kind Code:	
Kind:	
Water Found Depth:	33.5
Water Found Depth UOM:	m

Water Details

Water ID:	1001655855
Layer:	2
Kind Code:	
Kind:	
Water Found Depth:	31.1
Water Found Depth UOM:	m

Water Details

Water ID:	1001655854
Layer:	1
Kind Code:	
Kind:	
Water Found Depth:	7.3
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1001655852
Diameter:	15.55
Depth From:	
Depth To:	39.6
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Unplottable Summary

Total: 19 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	City of Ottawa	Rideau Valley Drive	Ottawa ON	
CA	City of Ottawa	Mill Street	Ottawa ON	
CA	R.M. OF DURHAM	RIGHT-OF-WAY/MILL ST.	CLARINGTON MUNICIPALITY ON	
CA	Village Square Mall	Regional Road No. 13	Ottawa ON	
CA	MINISTRY OF THE ENVIR.-GREENBANK RD.	REG. RD. #13/JOCK RIVER/MUD CK	NEPEAN CITY ON	
GEN	City of Ottawa	Rideau Valley Dr. right of way Manotick Main St.	Ottawa ON	
GEN	OTTAWA HYDRO	MILL STREET AMELIA ISLAND	OTTAWA ON	
GEN	OTTAWA-CARLETON, REGIONAL MUN. OF 29-005	REGIONAL ROAD #13 AT MANOTICK C/O 111 LISGAR ST. CARTIER SQUARE	OTTAWA ON	K1P 2Z3
GEN	OTTAWA-CARLTON, REGIONAL MUN OF	REGIONAL ROAD #13 AT MANOTICK C/O 222 QUEEN ST.	OTTAWA ON	K1P 2Z3
GEN	City of Ottawa	Rideau Valley Dr. right of way Manotick Main St.	Ottawa ON	
PRT	KARL H POLSTERER MANOTICK SERVICE CENTRE	BRIDGE ST	MANOTICK ON	
PRT	595831 ONT INC	RIDEAU VALLEY DR	RIDEAU TWP ON	
SPL	Ryder Truck Rental Canada Ltd.	Bankfield Road at Bankfield Road and Prince of Wales Drive	Ottawa ON	
SPL	s.21<UNOFFICIAL>		Ottawa ON	
SPL	CONSTRUCTION COMPANY	REGION RD #13, BAXTER CONSERVATION AREA TRANSPORT TRUCK (CARGO)	RIDEAU TOWNSHIP ON	
SPL	TRANSPORT TRUCK	REG. RD # 8. MOTOR VEHICLE (OPERATING FLUID)	RIDEAU TOWNSHIP ON	
SPL	MOTOR VEHICLE	LAKE ONTARIO, SOUTH END OF MILL STREET BEACH PARKETTE MOTOR VEHICLE (OPERATING FLUID)	CLARINGTON MUNICIPALITY ON	

SPL	Marathon Drilling<UNOFFICIAL>	Rideau Valley Drive at Mud Creek	Ottawa ON
SPL	Taggart Construction Limited	Rideau Valley Drive	Ottawa ON

Unplottable Report

Site: ***City of Ottawa***
Rideau Valley Drive Ottawa ON

Database: ***CA***

Certificate #: 8286-7L6SKV
Application Year: 2009
Issue Date: 1/7/2009
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: ***City of Ottawa***
Mill Street Ottawa ON

Database: ***CA***

Certificate #: 6710-5YNR5J
Application Year: 2005
Issue Date: 1/4/2005
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: ***R.M. OF DURHAM***
RIGHT-OF-WAY/MILL ST. CLARINGTON MUNICIPALITY ON

Database: ***CA***

Certificate #: 7-0541-96-
Application Year: 96
Issue Date: 6/25/1996
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: ***Village Square Mall***
Regional Road No. 13 Ottawa ON

Database: ***CA***

Certificate #: 7752-4VBMMJ
Application Year: 01

Issue Date:	4/2/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	The Village Square Mall (Barrhaven) Inc.
Client Address:	17 Fitzgerald Road
Client City:	Nepean
Client Postal Code:	K2H 9G1
Project Description:	Storm and sanitary sewers to be constructed on Greenbank Road
Contaminants:	
Emission Control:	

Site: ***MINISTRY OF THE ENVIR.-GREENBANK RD.***
REG. RD. #13/JOCK RIVER/MUD CK NEPEAN CITY ON

Database: ***CA***

Certificate #:	7-0930-92-
Application Year:	92
Issue Date:	11/25/1992
Approval Type:	Municipal water
Status:	Revised
Application Type:	
Client Name:	
Client Address:	
Client City:	
Client Postal Code:	
Project Description:	
Contaminants:	
Emission Control:	

Site: ***City of Ottawa***
Rideau Valley Dr. right of way Manotick Main St. Ottawa ON

Database: ***GEN***

Generator No:	ON6802088	***PO Box No:***	
Status:		***Country:***	
Approval Years:	2009	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	913910		
SIC Description:	Other Local Municipal and Regional Public Administration		

Detail(s)

Waste Class:	221
Waste Class Desc:	LIGHT FUELS

Waste Class:	241
Waste Class Desc:	HALOGENATED SOLVENTS

Site: ***OTTAWA HYDRO***
MILL STREET AMELIA ISLAND OTTAWA ON

Database: ***GEN***

Generator No:	ON0456606	***PO Box No:***	
Status:		***Country:***	
Approval Years:	93,94,95,96,97,98,99,00,01	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	4911		
SIC Description:	ELECT. POWER SYS.		

Detail(s)

Waste Class:	213
Waste Class Desc:	PETROLEUM DISTILLATES

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

Site: ***OTTAWA-CARLETON, REGIONAL MUN. OF 29-005***
REGIONAL ROAD #13 AT MANOTICK C/O 111 LISGAR ST. CARTIER SQUARE OTTAWA ON K1P 2Z3

Database: ***GEN***

Generator No: ON0303101
Status:
Approval Years: 94,95
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: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Site: ***OTTAWA-CARLTON, REGIONAL MUN OF***
REGIONAL ROAD #13 AT MANOTICK C/O 222 QUEEN ST. OTTAWA ON K1P 2Z3

Database: ***GEN***

Generator No: ON0303101
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: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Site: ***City of Ottawa***
Rideau Valley Dr. right of way Manotick Main St. Ottawa ON

Database: ***GEN***

Generator No: ON6802088
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

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

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Waste Class: 241
Waste Class Desc: HALOGENATED SOLVENTS

Site: ***KARL H POLSTERER MANOTICK SERVICE CENTRE***
BRIDGE ST MANOTICK ON

Database: ***PRT***

Location ID:	8399
Type:	retail
Expiry Date:	1995-06-30
Capacity (L):	90800
Licence #:	0020996001

Site: ***595831 ONT INC***
RIDEAU VALLEY DR RIDEAU TWP ON

Database: ***PRT***

Location ID:	12469
Type:	retail
Expiry Date:	1995-08-31
Capacity (L):	57700
Licence #:	0051903001

Site: ***Ryder Truck Rental Canada Ltd.***
Bankfield Road at Bankfield Road and Prince of Wales Drive Ottawa ON

Database: ***SPL***

Ref No:	8502-AW6RVD	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	2018/02/20	***Health/Env Conseq:***	2 - Minor Environment
Year:		***Client Type:***	Corporation
Incident Cause:		***Sector Type:***	Miscellaneous Industrial
Incident Event:	Collision/Accident	***Agency Involved:***	
Contaminant Code:	13	***Nearest Watercourse:***	
Contaminant Name:	DIESEL FUEL	***Site Address:***	Bankfield Road at Bankfield Road and Prince of Wales Drive
Contaminant Limit 1:		***Site District Office:***	Ottawa
Contam Limit Freq 1:		***Site Postal Code:***	
Contaminant UN No 1:	1202	***Site Region:***	Eastern
Environment Impact:		***Site Municipality:***	Ottawa
Nature of Impact:		***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:	Land; Source Water Zone	***Northing:***	5007418.38
MOE Response:	No	***Easting:***	443788.26
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	2018/02/20	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Land Spills
Incident Reason:	Operator/Human Error	***Source Type:***	Truck - Only Saddle Tanks
Site Name:	Roadway<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	PLEASE DELETE: REPLICATE OF 2105-AW6QSF		
Contaminant Qty:	0 other - see incident description		

Site: ***s.21<UNOFFICIAL>***
Ottawa ON

Database: ***SPL***

Ref No:	3067-BCMQCN	***Discharger Report:***	
Site No:	NA	***Material Group:***	
Incident Dt:	5/29/2019	***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:***	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:	Yes	***Easting:***	

Dt MOE Arvl on Scn:	6/3/2019	***Site Geo Ref Accu:***	
MOE Reported Dt:	5/29/2019	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:		***Source Type:***	
Site Name:	s.21 3155 Lafleur Road Sarsfield, Ontario<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Caller Report Liquid Manure Entering Hickenbottom		
Contaminant Qty:			

Site: ***CONSTRUCTION COMPANY***
REGION RD #13, BAXTER CONSERVATION AREA TRANSPORT TRUCK (CARGO) RIDEAU TOWNSHIP ON

Database: ***SPL***

Ref No:	66774	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	2/6/1992	***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:	CONFIRMED	***Site Municipality:***	20612
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:	2/6/1992	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	WELD/SEAM FAILURE	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	CLOUTIER CONSTRUCTION LTD-22L DIESEL FUEL TO GRAVEL ON SIDE ROAD.		
Contaminant Qty:			

Site: ***TRANSPORT TRUCK***
REG. RD # 8. MOTOR VEHICLE (OPERATING FLUID) RIDEAU TOWNSHIP ON

Database: ***SPL***

Ref No:	150051	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	12/8/1997	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	***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:***	20612
Nature of Impact:	Soil contamination	***Site Lot:***	
Receiving Medium:	LAND	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	FD
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	12/8/1997	***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:	TRANSPORT TRUCK- DIESEL LEAK TO REG. RD & DITCH, MVA, FD ON SITE.		
Contaminant Qty:			

Site: ***MOTOR VEHICLE***
LAKE ONTARIO, SOUTH END OF MILL STREET BEACH PARKETTE MOTOR VEHICLE (OPERATING FLUID)
CLARINGTON MUNICIPALITY ON

Database: SPL

Ref No:	153984	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	3/31/1998	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER TRANSPORTATION ACCIDENT	***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:	CONFIRMED	***Site Municipality:***	10402
Nature of Impact:	Water course or lake	***Site Lot:***	
Receiving Medium:	LAND / WATER	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	F.D.,MTO
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	3/31/1998	***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:	LAKE ONTARIO - MOTOR VEHICLE FLUIDS TO GROUND AND LAKE FROM FIRE		
Contaminant Qty:			

Site: ***Marathon Drilling<UNOFFICIAL>***
Rideau Valley Drive at Mud Creek Ottawa ON

Database: SPL

Ref No:	2485-7W4NJV	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Discharge Or Bypass To A Watercourse	***Sector Type:***	Other
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:	MAX-GEL, VISCOSIFIER	***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:	Surface Water Pollution	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	9/21/2009	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Watercourse Spills
Incident Reason:	Equipment Failure	***Source Type:***	
Site Name:	Bore hole underneath Mud Creek<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Marathon Drilling, 2 100L viscosifier to Mud Creek, May 09		
Contaminant Qty:	200 L		

Site: ***Taggart Construction Limited***
Rideau Valley Drive Ottawa ON

Database: SPL

Ref No:	2534-7UPHZG	***Discharger Report:***	
Site No:		***Material Group:***	

Incident Dt:		***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	Unknown	***Sector Type:***	Other
Incident Event:		***Agency Involved:***	
Contaminant Code:		***Nearest Watercourse:***	
Contaminant Name:	HYDRAULIC OIL	***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:***	Ottawa
Nature of Impact:	Soil Contamination	***Site Lot:***	
Receiving Medium:		***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:	Planned Field Response	***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	8/7/2009	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	Land Spills
Incident Reason:	Unknown - Reason not determined	***Source Type:***	
Site Name:	Construction hole<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	Taggart Construction: 1L hydraulic oil to grnd, contd		
Contaminant Qty:	40 L		

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 2019

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-Jan 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 2017

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: Feb 28, 2017

Chemical Register: 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

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 - Feb 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-Dec 2019

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-Apr 30, 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 2019

Environmental Activity and Sector Registry: Provincial EASR

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

Government Publication Date: Oct 2011-Apr 30, 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-Apr 30, 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-Apr 30, 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-Jan 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: Feb 28, 2017

Federal Convictions: Federal FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land: Federal FCS

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

Government Publication Date: Jun 2000-Nov 2019

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: Feb 28, 2017

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-Jan 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 2017

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: Feb 28, 2017

Landfill Inventory Management Ontario: Provincial LIMO

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the ministry compiles new and updated information. The inventory will include small and large landfills. Additionally, each year the ministry will request operators of the larger landfills complete a landfill data collection form that will be used to update LIMO and will include the following information from the previous operating year. This will include additional information such as 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 will 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-Mar 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-Feb 29, 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 2019

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-Apr 30, 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: 1988 - Apr 2020

Pipeline Incidents: Provincial PINC

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

Government Publication Date: Feb 28, 2017

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-Apr 30, 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-Mar 2020

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-Jan 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

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-Nov 2019

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-Aug 2018

Variances for Abandonment of Underground Storage Tanks: Provincial VAR

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

Government Publication Date: Feb 28, 2017

Waste Disposal Sites - MOE CA Inventory: Provincial WDS

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

Government Publication Date: Oct 2011-Apr 30, 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: Feb 28, 2019

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.

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An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 905-882-6300
W: www.optaintel.ca

Report Completed By:

Sunita

Site Address:

5497 Main Street Manotick Ont

Project No:

20200514002

Opta Order ID:

73818

Requested by:

Eleanor Goolab
ERIS

Date Completed:

5/20/2020 11:04:06 AM

Project Name: 5497 Main St. Manotick ON

Project #: 20200514002

ENVIROSCAN Report

Search Area: 5497 Main Street Manotick Ont

Requested by:
Eleanor Goolab
Date Completed: 05/20/2020 11:04:06

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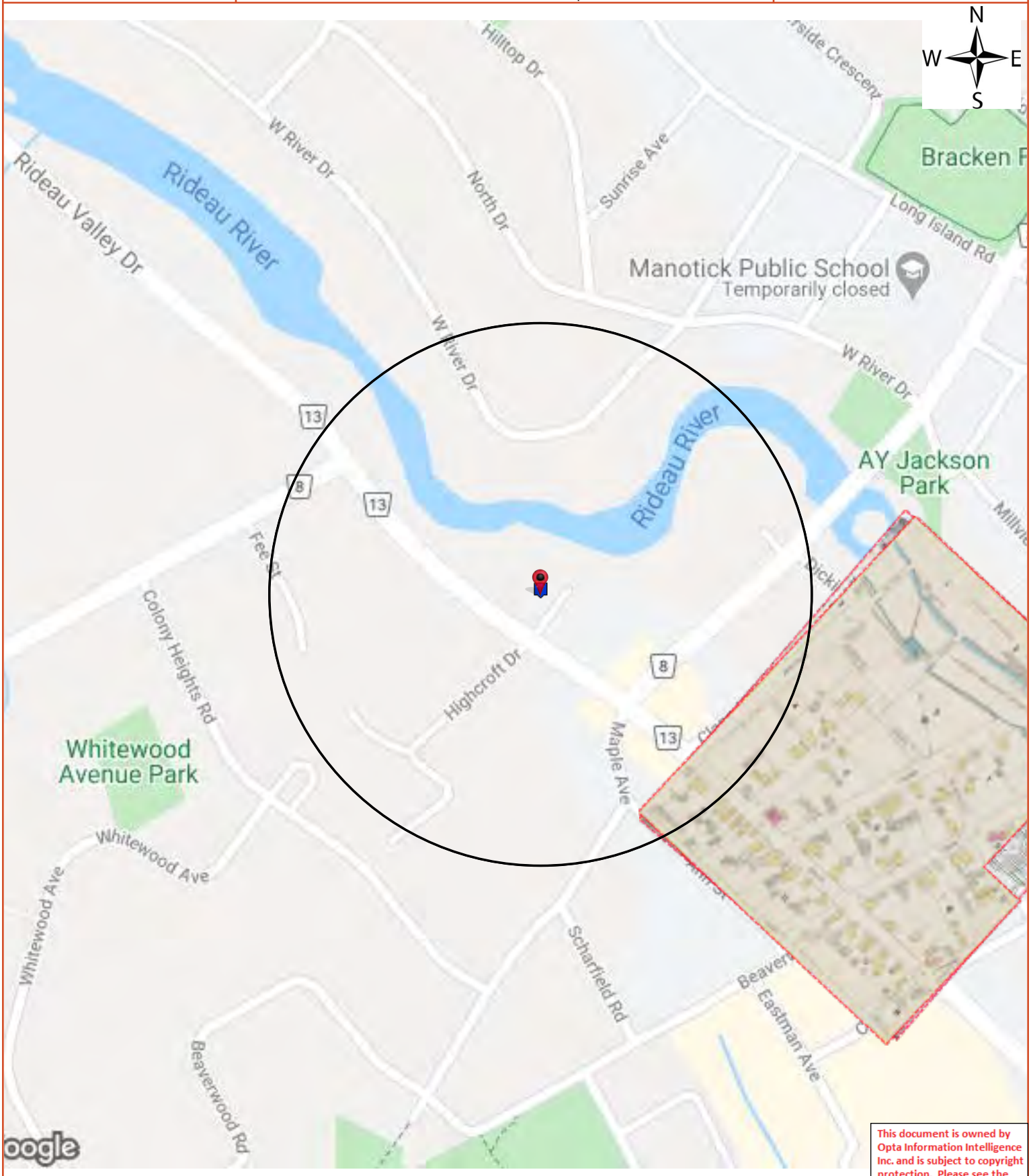

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Report

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Disclaimer

Opta disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Opta Reports or from any tortious acts or omissions of Opta's agents, employees or representatives.

Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

Law

This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.

ENVIROSCAN Report

Report Index

OPTA INFORMATION INTELLIGENCE

Page	Report Title
6	(1908) Volume: Ontario Miscellaneous Firemap: 1
8	(1897) Volume: Manotick, Ontario, 1897 Firemap: 1
9	(2004) All Risk Report - 2004 5497 Manotick Main Street MANOTICK ON 4M0E2 (distance = 0 metres*)

Project Name: 5497 Main St. Manotick ON

Project #: 20200514002

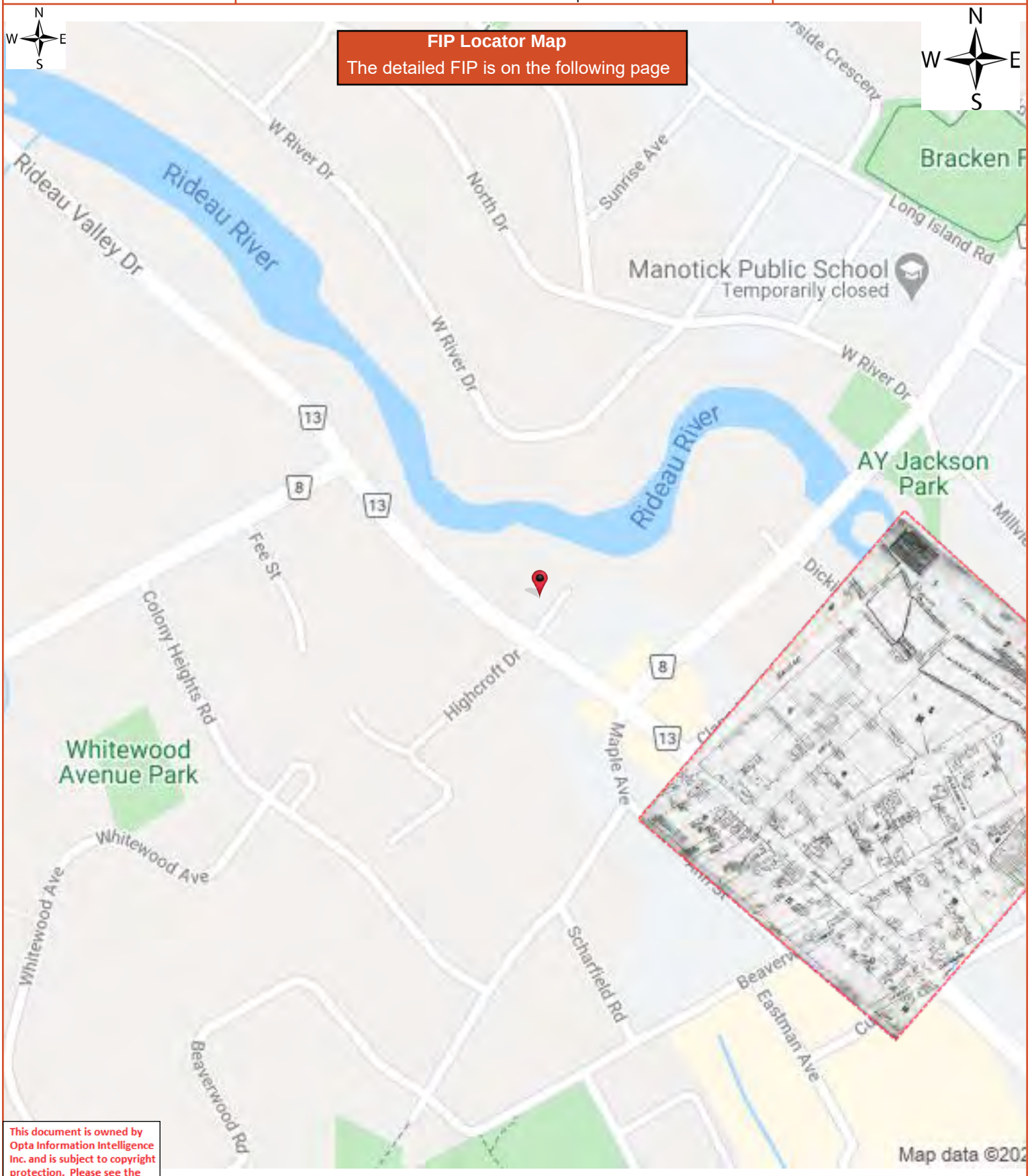
ENVIROSCAN Report

1908 Volume: Ontario Miscellaneous Firemap: 1
Manotick Plan: 1142 (1897)
Sheet: 1 (1908)

Requested by:
Eleanor Goolab
Date Completed: 05/20/2020 11:04:06

enviroscan
OPTA INFORMATION INTELLIGENCE

FIP Locator Map
The detailed FIP is on the following page



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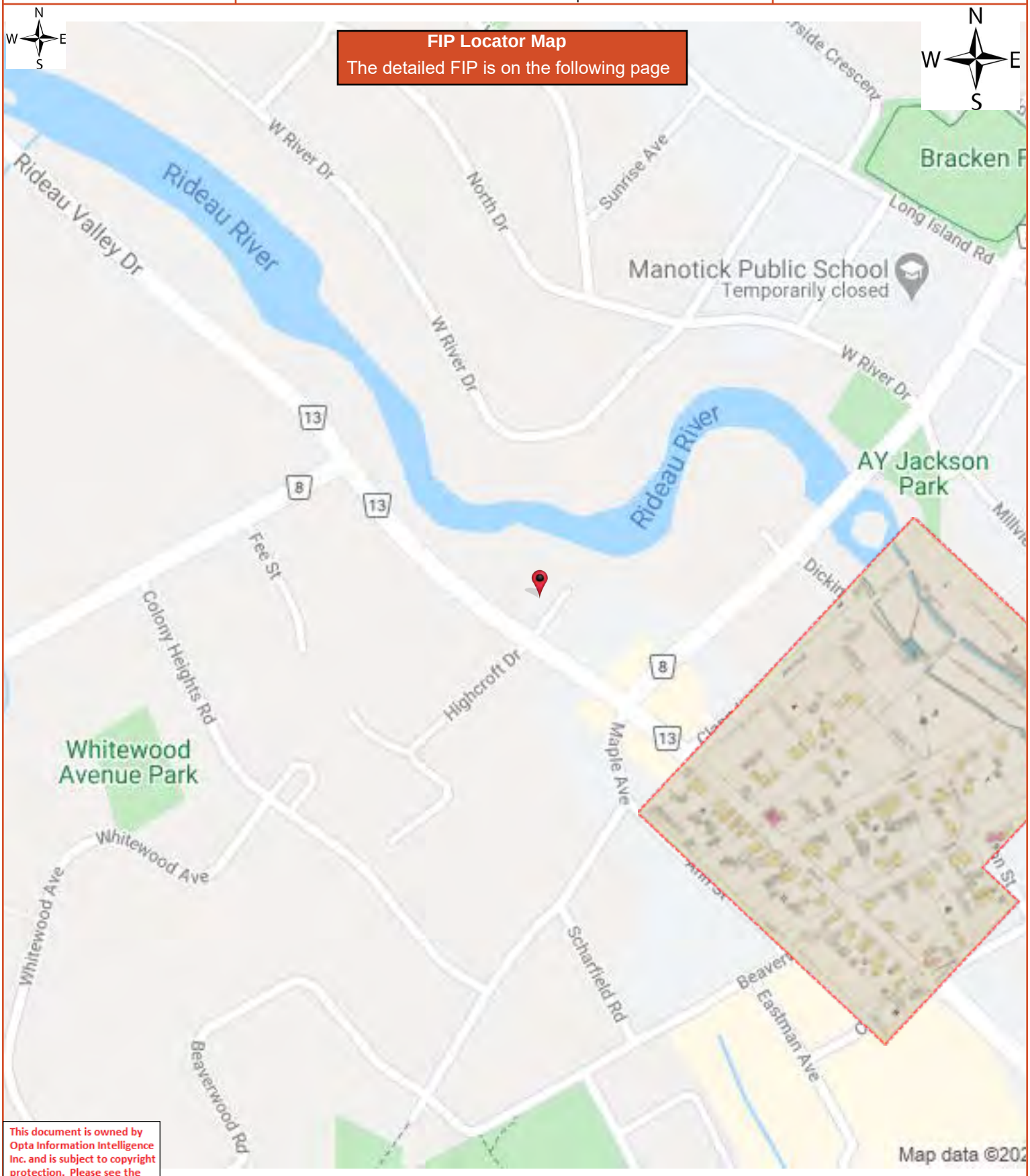

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ENVIROSCAN Report

All Risk Report - 2004 5497 Manotick Main Street MANOTICK ON 4M0E2

Requested by:
Eleanor Goolab
Date Completed: 05/20/2020 11:04:06

OPTA INFORMATION INTELLIGENCE

All Risk Report - 2004 5497 Manotick Main Street MANOTICK ON 4M0E2

CGI All Risk
INSPECTION REPORT

Supplement/s attached: ☐ Yes # of : ☐ No

1.0 BASIC INFORMATION

Insured:		**Policy Number**	
Date of survey (YYYY/MM/DD):	2004/11/09	**CGI Loss Control Specialist:**	Barry Cross
Person Contacted: Position	Clarence Eve	**Telephone No.**	(613) 692-2294
Mailing Address if Different for risk:	(unit # street # & name)	(City, Town, Village)	**CGI AIS No.: 72426686 Tracking No.: 5598160**
Location Surveyed:	5549 Main Street (unit # street # & name)	Ottawa (Manotick) (City, Town, Village)	Ontario (Province) K4M 1A8 (postal code)
Secondary address (If any)	(unit # street # & name)	(City, Town, Village)	(Province) (postal code)
IBC Territory Code	63	**IBC Building Ind. Code: 5513**	**SR/MA File No.**
Underwriter:		**Broker:**	

The ***CGI Risk•Score*** and comments contained in this report are based on conditions and practices observed during our survey and other pertinent data supplied by management personnel at the risk.

Recommendations in this report are made to point out those areas where remedial action could have the beneficial effect of making the above premises safer and thus more desirable from an underwriting standpoint.

Thank you for choosing CGI to perform this inspection. Please do not hesitate to contact us if we can be of any further assistance.

2.0 *CGI Risk•Score*

	1	2	3	4	5	6	7	8	9	Comments
Property	☐	☐	☒	☐	☐	☐	☐	☐	☐	*No unusual fire hazards noted.*
Liability	☐	☒	☐	☐	☐	☐	☐	☐	☐	*No unusual liability hazards noted.*
Crime	☐	☒	☐	☐	☐	☐	☐	☐	☐	*No unusual crime hazards noted.*

(1=Excellent & 9=Poor)

RISK ALERT ISSUED: ☐ **Yes** ☒ **No** **IF YES, DESCRIBE** (*A risk alert is a telephone notification to the Inspection requestor, of a situation which could imminently cause a serious loss. A Critical Recommendation will be issued to address the situation.)*

Committed to Service Excellence

Meaning of the **CGI Risk•Score:** The CGI Score is a grading of the risk inspected versus other risks in this class. Similar to the "Commercial" Fire Protection Grading system in design, there is range of 9 categories, with a grading or "score" of 1 being the most desirable. The CGI Score is based on a number of objective criteria pertaining to the risk at the time of our survey, tempered with the experienced judgement of our Loss Control Specialist. As a general guideline, the scores mean the following criteria:

1-3	Risks in this range are well maintained, with no apparent moral hazards or management problems. Undesirable features are non-existent and recommendations, if any, are desirable. Risks in this category are excellent (no deficiencies) to better than average for their class.
4-6	The maintenance of Risks in this range is considered average. Moral hazards are not apparent, but there may be possible management problems (e.g. poor housekeeping). Undesirable features noted are correctable, and recommendations will vary from desirable to important. Risks in this category are considered average for their class.
7-9	Risks in this range tend to be poorly maintained. Moral hazards and management problems (e.g. poor housekeeping and maintenance, poor attitude) are evident. Significant undesirable conditions are present and cannot or will not be corrected. Critical Recommendations may be present. Risks in this category are significantly below average for their class with little or no indication for improvement.

3.0 REMARKS

This is a well known garage in Manotick which appears to be a profitable operation.
There is limited pedestrian movement on the premises as the lot is small and gas is pumped by the attendant. The insured clears the snow himself. See recommendation for a log book.
No special crime hazards were noted at the time of this survey.

4.0 RECOMMENDATIONS

Please note that these recommendations are classified as either ☐ **Critical,** ☒ **Important, or** ☒ **Desirable Improvement**. **"Critical"** recommendations are those aimed at correcting undesirable feature/s which, if left unattended, could cause a serious loss and should be rectified immediately. This class of recommendation is only used in extreme situations. **"Important"** recommendations are intended to highlight undesirable feature/s which if left unattended, could cause a serious loss and should be rectified as soon as possible. **"Desirable Improvement"** recommendations are those aimed at correcting an undesirable feature which can be improved when feasible, to help reduce the risk of a loss.

☒ Listed below	or	☐ None

04-1	☐ Critical ☒ Important ☐ Desirable Improvement
	A maintenance log should be kept for snow clearing on the property including salting and sanding.

04-2	☐ Critical ☐ Important ☒ Desirable Improvement
	Strong consideration should be given to installing a burglary alarm system within your premises monitored by an outside ULC listed monitoring station and complemented by line security to protect the property.

04-3	☐ Critical ☐ Important ☒ Desirable Improvement
	It would be preferrable to keep the used tires awaiting pick-up 15m from the side of the building.

04-4	☐ Critical ☒ Important ☐ Desirable Improvement
	The diesel tank should be dyked as to be able to contain 150% of the total contents of the tank.

☐ Critical ☐ Important ☐ Desirable Improvement	

5.0 OCCUPANCY INFORMATION

The Insured is:	☒ Owner Occupant	☐ Non-occupant building owner	☐ Tenant
Insured's Occupancy Description: Mechanical repair garage with full service gas bar. There is no convenience store attached to this garage.			
IBC Code: 5513	IBC Subcode: 00	Premises Intrusion Alarm: None	
Special Hazard Code(s):		Description:	
Special Hazard Code(s):		Description:	
Name of building owner(if not Insured):			Number of years bldg. Owned: 29
Number of years at this location:29	Area occupied (sq. m): 227		Business hours: 7am-7pm
Days per week: 6 days	Annual Revenue (optional):		Payroll (optional):
Previous loss history past 3 years ☐ Yes ☒ No ☐ Undetermined		Previous loss history past 6 years ☐ Yes ☒ No ☐ Undetermined	
Explain loss history:			
Insured Values: Property: $		Contents: $	
Combustibility of Occupancy: M3		Susceptibility of Occupancy: S3-Moderate Damage	

Occupancy: **Major Tenant is:** ☒ Insured or ☐ See Major Tenant Below			☐ refer to Occupancy Specific Supplement
Major Tenant in Building	Combustibility Code: --		Susceptibility Code: --
Name:		Area occupied (sq.m):	IBC Code:
Occupancy Description:			IBC Sub Code:
Special Hazard Code(s):		Description:	
Special Hazard Code(s):		Description:	
Previous loss history past 3 years ☐ Yes ☐ No ☐ Undetermined		Previous loss history past 6 years ☐ Yes ☐ No ☐ Undetermined	
Number of years at this location:		Premises Intrusion Alarm: --	
Other Classes of Occupants			
DESCRIBE PARTITION WALLS BETWEEN TENANTS:			
Name:		Area occupied (sq.m):	IBC Code:
Occupancy Description:			IBC Sub Code:
Special Hazard Code(s):		Description:	
Special Hazard Code(s):		Description:	
Previous loss history past 3 years ☐ Yes ☐ No ☐ Undetermined		Previous loss history past 6 years ☐ Yes ☐ No ☐ Undetermined	
Number of years at this location:		Premises Intrusion Alarm: --	
Name:		Area occupied (sq.m):	IBC Code:
Occupancy Description:			IBC Sub Code:
Special Hazard Code(s):		Description:	
Special Hazard Code(s):		Description:	

Previous loss history past 3 years ☐ Yes ☐ No ☐ Undetermined	Previous loss history past 6 years ☐ Yes ☐ No ☐ Undetermined
Number of years at this location:	Premises Intrusion Alarm: --
Areas not surveyed:	☐ For additional tenants see attached list
Comments:	

6.0 BUILDING CONSTRUCTION (IBC Major Construction Class 4)

Building condition:	☐ Above Average	☒ Average	☐ Moderate deficiencies	☐ Major deficiencies	
Year built: (yyyy)	1930s	Area occupied by insured (sq. m): 227	Combustibility of Building M3		
Ground floor area (sq. m):	227 sq. m	Total floor area (excl. bsmt.)	227 sq. m		
Height (excluding basement):	5.5 m	Number of Stories: 1 (above grade)			
Basement: ☐ Yes	☒ No	Area of basement: -- (sq. m)	Total area: 227 sq. m		
Additions (year & brief description):	1980's - 100 sq.m rear section CB, steel deck roof				
Renovations (year & brief description):	Upgrades as required.				
Wall construction:	Reinforced Concrete % ( )	Masonry: 100%: (CB)	Non Combustible: %: ( )	Brick/stone veneer: %: ( )	Wood frame: %: ( )
	Other: %, Describe:				
	Insulation:				
	Panels in Walls:	Glass: %	Combustible: %	Non Combustible: %	
Floor Construction:	Concrete: 100%	Concrete on metal pan: %	Wood joist: %		
	Other: %, Describe:				
Roof Type:	☒ Flat	☐ Quonset	☐ Peaked	☐ Other:	
Roof Construction:	☐ Concrete: %	☒ Steel deck: 44%	☒ Wood joist: 56%	☐ Steel/Steel: %	
	☐ Other Combustible: %		☐ Other Non Combustible: %		
Roof Surface:	☒ Tar & Gravel: %	☐ Metal: %	☐ Asphalt Shingles: %	☐ Wood Shakes: %	
	☐ Rubber membrane: %	☐ Other Combustible: %	☐ Other Non Combustible: %		
Resurfaced:	☐ No	☒ Yes	Date: 1994		
Interior Finish Walls:	Combustible:	Ordinary Damage Material: %	Special Damage Material: %		
	Non Combustible: 10%		Open: 90%		
Interior Finish Ceilings:	Combustible:	Ordinary Damage Material: %	Special Damage Material: %		
	Non Combustible: 56%		Open: 44%		
Vertical Openings:	☒ None	☐ Stairs:	Protection Type: -- hrly. rate	☐ Elevator:	Protected: ☐ Yes ☐ No
	☐ Escalator: ☐ Open ☐ Enclosed	☐ Atrium:	% of Grade Floor	# of Floors:	
	☐ Other:				
Horizontal Separation:	Major Partition Construction:	☒ Not Applicable	☐ Frame	☐ Drywall on Studs	
		☐ Concrete Block		☐ Other:	
	Proper Opening Protection:	☐ Yes	☐ No	☒ Not Applicable	
Mezzanines: ☒ No ☐ Yes	Combustible: %	Non Combustible: %			
	Mezzanines Percentage of Floor below: % (if over 25% treated as an additional floor)				
Combustible Concealed Spaces:	☒ No	☐ Yes	If yes, %, and describe:		

Concealed space properly protected:	☐ No	☐ Yes	☒ Not applicable	Comment:
Building Description:	Shopping Mall: ☐ Yes ☒ No	Industrial Mall: ☐ Yes ☒ No	Strip Mall: ☐ Yes ☒ No	
	Stand Alone: ☒ Yes ☐ No	Other, Describe:		
Building Construction Comments:				

7.0 FIRE EXPOSURES (Within 50m of risk) ☐ None

Exposing Structures Within 50m:

	Distance	Height	Construction of Exposure Facing Wall	Exposure Occupancy Hazard	Exposure Hazard Description	Exposure Comb. Code	Opening in Facing Wall of Risk Yes	No
Front	18 m	2 sto.	Combustible	Medium (M3,M4)	retail store	M3	☒	☐
Rear	3 m	2 sto.	Combustible	Light (L1,L2)	dwelling	L2	☒	☐
Left	9 m	2 sto.	Combustible	Medium (M3,M4)	retail store	M3	☒	☐
Right	18 m	2 sto.	Combustible	Light (L1,L2)	dwelling	L2	☒	☐

Exposing Structure Addresses:

Front:	*5548*	Left:	*5545-47*
Rear:	*1139 O'Ggrady*	Right:	*5551*
Comments: _____			

8.0 COMMON HAZARDS (Heating, electrical, plumbing)

HEATING:

Forced warm air:	☐ Electric %	☐ Gas %	☐ Oil %	Solid Fuel %	Other: _____
Suspended unit heaters:	☐ Electric %	☒ Gas 100%	☐ Oil %		Other: _____
Portable heaters:	☐ Electric %	☐ Gas %	☐ Oil %	Solid Fuel %	Other: _____
Hot water/steam	☐ Electric %	☐ Gas %	☐ Oil %	Solid Fuel %	Other: _____
Solid Fuel Burning:	Non-Hazardous: %, Describe _____		Hazardous: %, Describe _____		
Other Hazardous:	%	Describe _____			
Other Non-Hazardous:	%	Describe _____			
Electric baseboard units:	☐ %				
Installation Appears Safe:	☒ Yes	☐ No	Describe: _____		
Unheated	☐ %	Borrowed Heat: ☐ %			
Boiler: ☐ Yes ☒ No	Age: _____ and Make: _____	Date of last Boiler Inspection: (yyyy/mm/dd) _____			
Appliances enclosed in a non-combustible room:	☐ Yes	☒ No	☐ Not required		
Combustible materials stored in the room:	☐ Yes	☐ No	☒ Not applicable		
Heating Fuel Tanks: ☒ None	☐ Inside	☐ Outside	☐ Above ground	☐ Below ground	Age (yyyy) _____ Capacity (L) _____
Fill and vent piping: Inside ☒ N/A	☐ No	☐ Yes, _____			
Chimneys: ☐ Masonry ☒ Standard	☒ ULC Factory built	☐ Unlabelled pre-fab	☐ Other: _____		
	☐ Non-standard _____				
Installation defects:	☒ None	☐ Moderate	☐ Major, _____		
Installation replaced:	☐ No	☒ Yes	(yyyy) *2002* and *33*%		
--% Air Conditioned	Type:	☐ Roof-Top	☐ Central	☐ Other: _____	
Comments: _____					

ELECTRICAL:

Type: ☐ Conduit	☒ BX	☐ Non-metallic	☐ Knob & Tube _____	☐ Other: _____
Temporary wiring or extension cords:	☒ No	☐ Yes _____		

Overcurrent protection:	☒ Circuit Breakers	Fuses:	☐ Ordinary	☐ Type P	☐ Type D	☐ Other: _____
Installation defects:	☒ None	☐ Moderate	☐ Major			
Installation (wiring) replaced:	☒ No	☐ Yes	(yyyy)_____ and _____%			
Installation Appears Safe:	☒ Yes	☐ No	Describe: _____			
Partial changes/extensions:	☐ No	☒ Yes	Describe: *Upgrades in older section.*			
Comments: _____						

PLUMBING:

Type:	☒ Copper	☐ Galvanized	☐ Plastic	☐ Other: _____
Installation Replaced:	☒ No	☐ Yes	(yyyy) _____ and _____%	
Condition:	☒ Good	☐ Fair	☐ Poor _____	
Installation appears safe:	☒ Yes	☐ No: _____		
Comments: _____				

SMOKING:

Smoking Restricted:	☒ Yes	☐ No			
"No Smoking" Signs posted:	☒ Yes	☐ No	Enforced:	☒ Yes	☐ No
Comments: _____					

HOUSEKEEPING:

☐ Good	☒ Average	☐ Poor	☐ Unacceptable
Comments: _____			

9.0 FIRE PROTECTION

PUBLIC:

F.U.S. Protection Class: *05*	Primary Responding Fire Department: *Manotick*	Bldg. Prot. Code (NS or AS): *4*
☐ Full time	☒ Part Time/Volunteer	☐ Composite
Distance to Fire Department:	*1* km	

Roads: ☒ Paved ☐ Unpaved	Accessible Year-round: ☒ Yes ☐ No	Congested/Inaccessible: ☐ Yes ☒ No	
Water Supply:	☒ Public	☐ Private	
Number of Hydrants:	*2* within 155 m,	_____ within 156 - 305 m,	_____ Over 305 m, ☐ None

PRIVATE:

The following appeared to be satisfactory:

	Yes	No		Date Last Serviced	Comments
Portable Extinguishers	☒	☐		*March/2004*	_____
Standpipe/Inside Hoses	☐	☐	N/A ☒	_____	_____
Watchman Service	☐	☐	N/A ☒	_____	_____
Fire Detection System:	☒ None	☐ Full	☐ Partial, Describe:	_____	
i) Type of Detectors:	_____				
ii) Detector location:	Describe: _____				
iii) Maintenance contract:	Yes ☐	No ☐	Company: _____	Telephone #: _____	
iv) Connected to:	☐ ULC Listed Station	☐ Unlisted Service	☐ Fire/Police Department	☐ Local only	
	☐ Other: _____				
Name of Company:	_____				
Automatic Sprinkler Protection:	☒ None	☐ Full Premises	☐ Partial (describe): _____		
	Sprinkler Supplement Attached	☐ Yes	☐ No (Sprinkler System Not Tested or Evaluated)		

Fire Protection Comments: _____

10.0 ALL RISK:

Information Confirmed by: ☒ Person Contacted or: _____

EARTHQUAKE

What is the earthquake zone:	2		
Is there any earthquake history in the area:	☐ No	☒ Yes	☐ Undetermined
If **Yes**, describe history Light tremors.			
Significant exterior wall or foundation cracks noted?	☒ No	☐ Yes	Describe: _____
Sagging?	☒ No	☐ Yes	Describe: _____
Comments: _____			

FLOOD

Is this establishment located on a flood plain:	☒ No	☐ Yes	
Is it located near a body of water:	☐ No	☒ Yes	Describe: *Risk 7m above normal water level.*
Distance to nearest body of water:	*0.3 km*	☐ None determined	
Is there a history of flooding:	☒ No	☐ Yes	If **yes**, give history: _____
Evidence of water damage:	☒ No	☐ Yes	Describe: _____
Years knowledge of risk: 29			
Comments: _____			

WATER DAMAGE

Plumbing is:	☒ Copper	☐ Galvanized	☐ Plastic	☐ Other	Describe: _____
Is there evidence of corrosion:			☒ No	☐ Yes	Describe: _____
Is the building sprinklered:			☒ No	☐ Yes	Comment: _____
Is stock susceptible to water damage:			☒ No	☐ Yes	Describe: _____
Are all window/skylight openings adequately sealed:			☒ Yes	☐ No	Describe: _____
Does water main pass under building:			☒ No	☐ Yes	Describe: _____
Is the roof covering adequate:			☒ Yes	☐ No	Most recent roof repair date: _____
Inside and/or roof storage tanks/process equipment:			☒ No	☐ Yes	Describe: _____
Tanks/equipment satisfactorily controlled:			☐ No	☐ Yes	If Either Describe: _____
Is there use of:	☐ Skids	☒ Shelving	☐ Floor Drains		☐ Covers over stock/equipment
Sewer Backup claim in the last three years:			☒ No	☐ Yes	☐ Describe: _____
Comments: _____					

COLLAPSE AND/OR SEWER BACKUP

Is there any history of collapse:	☒ No	☐ Yes	Describe: _____
Is there any history of sewer back-up:	☒ No	☐ Yes	Describe: _____
Are sewer back-up protection devices in place:	☒ No	☐ Yes	Describe: _____
Comments: _____			

ADDITIONAL PERILS

If Yes, Describe:

Is lightning protection in place:		☒ No	☐ Yes	Describe: _____		
Is risk located within 5 km of airport:		☒ No	☐ Yes	Beneath a flight path:	☐ Yes	☐ No
Is the yard fenced:	☒ No	☐ Yes		Are gates locked when the premises are closed:	☐ Yes	☐ No
Is the yard and the exterior of the building lit:		☐ No	☒ Yes	Describe: _____		
Is the risk located in a high wind/hail area:		☒ No	☐ Yes	Describe: _____		
Are there visible signs of vandalism at the risk:		☒ No	☐ Yes	Describe: _____		
In the area:		☒ No	☐ Yes	Describe: _____		
Is the risk protected from Impact exposure:	Automobile	☐ No	☒ Yes	Describe: _____		
	Aircraft	☒ No	☐ Yes	Describe: _____		
	Train	☐ No	☐ Yes	Describe: n/a		
	Boat	☐ No	☐ Yes	Describe: n/a		
Comments: _____						

11.0 BASIC PREMISES LIABILITY

The following appeared to be satisfactory: If No Describe				
Stairs, Ramps & Handrails:	Yes ☒	No ☐	N/A ☐	Comments: _____
Floor Surfaces & Coverings:	Yes ☒	No ☐	N/A ☐	Comments: _____
Walls & Ceilings:	Yes ☒	No ☐	N/A ☐	Comments: _____
Interior & Exterior Lighting:	Yes ☒	No ☐	N/A ☐	Comments: _____
Emergency Lighting:	Yes ☐	No ☐	N/A ☒	Comments: _____
Interior & Exterior Housekeeping:	Yes ☒	No ☐	N/A ☐	Comments: _____
Washrooms:	Yes ☐	No ☐	N/A ☒	Comments: _____
Sidewalks, Yards & Parking Lots:	Yes ☒	No ☐	N/A ☐	Comments: _____
Fire Exits:	Yes ☒	No ☐	N/A ☐	Comments: _____
Fire Alarm System (s):	Yes ☐	No ☐	N/A ☒	Comments: _____
Snow & Ice Removal:	Yes ☒	No ☐	N/A ☐	Comments: _____
Elevating devices:	Yes ☒	No ☐	N/A ☐	Comments: _____
Satellite Dishes:	Yes ☐	No ☐	N/A ☒	Comments: _____
Exterior Signs:	Yes ☒	No ☐	N/A ☐	Comments: _____
CO detectors where required:	Yes ☐	No ☐	N/A ☒	Comments: _____
Swimming Pool:	Yes ☐	No ☐	N/A ☒	Comments: _____
Other:	Yes ☐	No ☐	N/A ☒	Comments: _____
Comments: _____				

12.0 BASIC CRIME

☐ Refer to Expanded Crime Supplement

Crime Experience	☐ Low	☒ Moderate	☐ High		
Type of Neighbourhood:	☒ Commercial	☐ Industrial	☐ Rural	☒ Residential	☐ Isolated
Neighbourhood appears to be:	☒ Stable	Changing via:	☐ Expansion/growth	☐ Renovation	☐ Deterioration
Comments: _____					

BUSINESS

Automatic Teller Machine:	☒ No	☐ Yes		
Safe on Premises:	☒ No	☐ Yes	☐ Unable to Determine	
Guard Service:	☒ No	☐ Yes	☐ Unable to Determine	Describe: _____
Typical Stock:	_____			
Smash & Grab exposure:	☒ No	☐ Yes	☐ Unable to Determine	
Comments: _____				

GENERAL PROTECTION

The following appeared to be satisfactory: If No Describe

Exterior Lighting:	☒Yes	☐No	☐N/A	Comments: _____
Interior Lighting:	☒Yes	☐No	☐N/A	Comments: _____
Roof Accessibility:	☒Yes	☐No	☐N/A	Comments: _____
Police Patrols:	☒Yes	☐No	☐N/A	Comments: _____
Yard Fenced:	☐Yes	☐No	☒N/A	Describe: _____
Comments: _____				

SECURITY ALARM SYSTEM

Premises alarm system in use:	☐ N/A	☐ Yes	☒ No	☐ Disconnected	Date Installed: (yyyy)_____
Applies to:	☐ Building	☐ Insured Tenant	☐ Other, Describe: _____		
Alarm System is:	☐ Acceptable	☐ Unacceptable (see rec.)			
Monitored by:	☐ULC Listed Station	☐ Unlisted Station	☐ Local Alarm	☐ Unknown	☐ Unable to Determine
Comments: _____					

PHYSICAL PROTECTION

Door locks:	☒ Deadbolt	☐ Spring	☐ Panic	☒ Other: *Slidebolts*	
Windows Protected:	☒ No	☐ Yes	☐ N/A	If **yes**, describe _____	
Other Openings:	☐ No	☒ Yes	Protected:	☒ No	☐ Yes
Comments: _____					

OTHER COMMENTS:

_____

1705 Argentia Rd, Unit 3
Mississauga, ON L5N 3A9
aelenv.com

APPENDIX 2
TITLE SEARCH RECORDS

Attn: Steve Rowland (1)

ENVIRONMENTAL SEARCH Re: 5497 Manotick Main St.

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
	Patent	Oct 15 1819	Crown	John Harvey
RO 7441	Deed	May 19 1854	John Harvey	Daniel Cameron
RO 9350	Sheriff's sale	Jan 19 1856	Sheriff Fraser	Philip Thompson
RO 13127	Deed	Mar 16 1858	Philip Thompson	Daniel Cameron
NG 490	Deed	Mar 12 1873	Daniel Cameron	Murdock Cameron
NG 5215	Will	Sept 10 1912	Murdock Cameron	Daniel A. Cameron
NG 8940	Deed	June 9 1950	Daniel A. Cameron	Doris A. Craig
NG 9139	Deed	Mar 19 1951	Doris Craig	Leonard J. Mills

(2)

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
NG99556	Deed	Oct 18 1956	Leonard J. Mills	George E. McLean Annie J. McLean
NG 10090	Deed	May 29 1957	George E. McLean Annie J. McLean	Naomi C. A. Jackson
NG10183	Deed	Oct 2 1957	Naomi C. A. Jackson	Henry A. C. Jackson Cordie A. Jackson
NS124116	Deed - Quit Claim	July 15 1981	A. Irene McLean	Cordie A. Jackson
NS124117	Deed	July 15 1981	Cordie A. Jackson	Wilfred R. Boivin
NS54890	Deed	Oct 31 1990	Wilfred R. Boivin	Suzanne Lillian McNeil
LT1131147	Deed	Jan 30 1998	Suzanne Lillian McNeil	Longevity Planning Services Inc

(3)

ENVIRONMENTAL SEARCH

INSTRUMENT #	TYPE	DATE	VENDOR	PURCHASER
LT1410540	Deed	July 31 2001	Longevity Learning Services Inc.	Nancy Verna Cherrier Trudy Ellen Barland
OC1162739	Deed	Sept 23 2010	Trudy Ellen Barland (Partial Interest)	Albert Craig Houle
OC1166961	Deed	Oct 4 2010	Albert Craig Houle (Partial Interest)	Suzanne Lillian Boivin
OC1168370	Deed	Oct 7 2010	Nancy Verna Cherrier Suzanne Lillian Boivin	Jatte Dekker. (Current Owner)

* Legal description is: Part of Lots 384, Plan 547, being part 2 on Plan 4R-8159, Geographic Township of North Gower, City of Ottawa. PIN 04588-0194.

May 28/20

GeoWarehouse

5497 Manotick Main, Ottawa

Suggest an address correction

Owner Name
12213559 CANADA INC.

Last Sale
$865,000
Jul 23, 2020

Lot Size
2,164 m² Area
220 m Perimeter
Measurements Available
(See Site & Structure)

Legal Description
PT LTS 3 & 4, PL 547 , BEING PART 2, 4R8159 ; NORTH GOWER

Property Details

GeoWarehouse Address
5497 MANOTICK MAIN, OTTAWA

Ownership Type
Freehold

Registration Type
Certified (Land Titles)

Land Registry Office
Ottawa-Carleton (04)

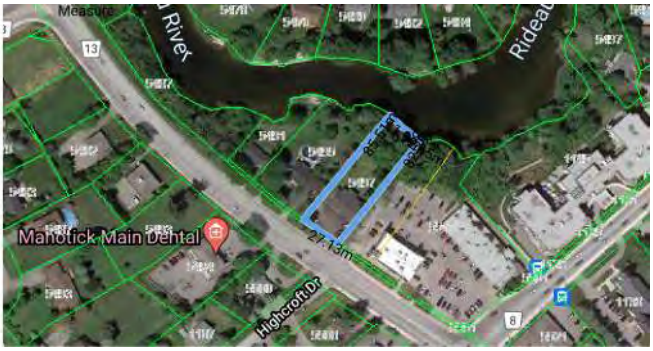
Land Registry Status
Active

PIN
045880194

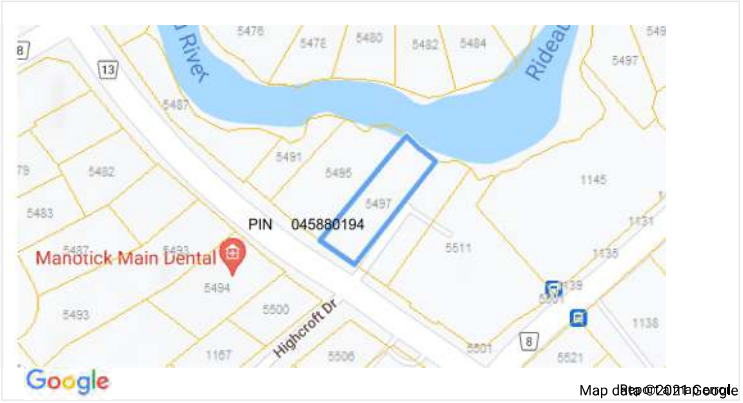
Owner Names
12213559 CANADA INC.

Property Type
SINGLE_FAMILY

Site & Structure



Map data ©2021 Imagery ©2021 , Maxar Technologies



Map data ©2021 Google

Lot Size

Area: 2,164.00 m² Perimeter: 220.00 m

Measurements: 85.51 m x 27.13 m x 82.29 m x 12.15 m x 0.99 m x 11.99 m

Lot Measurement Accuracy: LOW

Valuation & Sales

Sales History

Sale Date	Sale Amount	Type	Party To	Notes
Jul 23, 2020	$865,000	Transfer	12213559 CANADA INC.;	
Oct 07, 2010	$480,000	Transfer	DEKKER, JETTE;	
Oct 04, 2010	$1	Transfer	BOIVIN, SUZANNE LILLIAN;	
Sep 23, 2010	$1	Transfer	HOULE, ALBERT CRAIG;	
Jul 31, 2001	$238,000	Transfer	GARLAND, TRUDY ELLEN; CHEVRIER, NANCY VERNA;	
Jun 30, 1998	$187,500	Transfer	LANGEVIN LEARNING SERVICES INC.;	
Oct 31, 1990	$230,000	Transfer	MCNEIL, SUZANNE LILIAN;	

HoodQ™ Data

SCHOOLS

7 public & 4 Catholic schools serve this home. Of these, 11 have catchments. There is 1 private school nearby.

PARKS & REC

6 tennis courts, 3 ball diamonds and 15 other facilities are within a 20 min walk of this home.

TRANSIT

Street transit stop less than a 2 min walk away. Rail transit stop less than 9 km away.

powered by HoodQ

Demographics

Neighbourhood (NBH) | Community (COM) | City (CITY)

Neighbourhood: refers to the property's Dissemination Area as defined by Statistics Canada.

1705 Argentia Rd, Unit 3
Mississauga, ON L5N 3A9
aelenv.com

APPENDIX 3
GOVERNMENT RECORDS

File Number: A-2021-00207

July 26, 2021

By email: jstephen@aelenv.com

Mr. John Stephen
Unit 3, 1705 Argentia Road
Mississauga, Ontario
L5N 3A9

Dear Mr. John Stephen:

Re: Access to Information Request - {AEL Environment (AEL)} is conducting an environmental investigation of the property identified as 5497 Manotick Main Street, Ottawa, ON (PT LTS 3&4, PL LTS 3&4, PL 547, BEING PART 2, 4R8159; NORTH GOWER) Without limiting the information sought please provide information held by your agency relating directly to the environmental issues such as: known spills, city orders relating to the environment, and other associated compliance data, site information in regards to the environment, breech of standards and breech of designated substance. {AEL} would greatly appreciate the provision of any pertinent information if this should become available during your search.

This letter is in response to your request made under the *Municipal Freedom of Information and Protection of Privacy Act*, (the Act), which was received on June 2, 2021. Access is hereby granted in part to the records requested.

Several of the requested documents have been severed in accordance with the following section(s) of the Act:

- 14(1), copy enclosed, which states that the City may refuse to disclose a record of an individual's personal information, other than to the individual to whom it relates.

The City of Ottawa is waiving any further fee that can be charged to process this request since the cost is less than five dollars.

Should you have any questions concerning your request, please contact **Eric de Gagné** from the Access to Information and Privacy Office at 613-580-2424, extension **12146 or Eric.deGagne@ottawa.ca**.

City of Ottawa
110 Laurier Avenue West
Ottawa, ON K1P 1J1
Tel.: 613-580-2400
www.ottawa.ca

Ville d'Ottawa
110, avenue Laurier Ouest
Ottawa (ON) K1P 1J1
Tél.: 613-580-2400
www.ottawa.ca

Sincerely,

Lindsay Hinch
Program Manager, Access to Information and Privacy Office
Office of the City Clerk

Attach.

Please note that you have 30 days from the date of this decision letter to file an appeal. Please refer to the website of the Information Privacy and Commissioner at https://www.ipc.on.ca/ for up to date information on their operations. The Commissioner's office has indicated that its operations were adjusted during the COVID-19 emergency. However, they note that that the suspension order issued by the Ontario government under the Emergency Management and Civil Protection Act that 'froze' statutory time limits effective March 16, 2020 ended on September 14. This means that as of September 14, 2020, the time limits for initiating complaints or appeals to the IPC that are set out in Ontario's access, health privacy, and child and family services laws resumed as normal.

You may ask for a review of this decision by writing to: Registrar, Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, Ontario, M4W 1A8, Telephone: 416-326-3333 or toll free 1-800-387-0073.

If you decide to request a review of this decision, please provide the Commissioner's office with the following:

- The file number listed at the beginning of the letter
- A copy of the decision letter
- A copy of the original request for information you sent to the institution
- The reasons why you believe the records exist *(if the decision was that no records exist)*

In addition, you must send an appeal fee to the Commissioner's office. If your request was for your personal information, the appeal fee is $10.00. The appeal fee for all other requests for information is $25.00. Please include the fee with your letter of appeal. Appeal fees should be in the form of either a cheque or money order, payable to the "Minister of Finance".

EXEMPTIONS

14(1) , COPY ENCLOSED, WHICH STATES THAT THE CITY MAY REFUSE TO DISCLOSE A RECORD OF AN INDIVIDUAL'S PERSONAL INFORMATION, OTHER THAN TO THE INDIVIDUAL TO WHOM IT RELATES

14(1) A head shall refuse to disclose personal information to any person other than the individual to whom the information relates except,

(a) upon the prior written request or consent of the individual, if the record is one to which the individual is entitled to have access;

(b) in compelling circumstances affecting the health or safety of an individual, if upon disclosure notification thereof is mailed to the last known address of the individual to whom the information relates;

(c) personal information collected and maintained specifically for the purpose of creating a record available to the general public;

(d) under an Act of Ontario or Canada that expressly authorizes the disclosure;

(e) for a research purpose if,

(i) the disclosure is consistent with the conditions or reasonable expectations of disclosure under which the personal information was provided, collected or obtained,

(ii) the research purpose for which the disclosure is to be made cannot be reasonably accomplished unless the information is provided in individually identifiable form, and

(iii) the person who is to receive the record has agreed to comply with the conditions relating to security and confidentiality prescribed by the regulations; or

(f) if the disclosure does not constitute an unjustified invasion of personal privacy. R.S.O. 1990, c. M.56, s. 14 (1).

14(2) A head, in determining whether a disclosure of personal information constitutes an unjustified invasion of personal privacy, shall consider all the relevant circumstances, including whether,

(a) the disclosure is desirable for the purpose of subjecting the activities of the institution to public scrutiny;

(b) access to the personal information may promote public health and safety;

(c) access to the personal information will promote informed choice in the purchase of goods and services;

(d) the personal information is relevant to a fair determination of rights affecting the person who made the request;

(e) the individual to whom the information relates will be exposed unfairly to pecuniary or other harm;

(f) the personal information is highly sensitive;

(g) the personal information is unlikely to be accurate or reliable;

(h) the personal information has been supplied by the individual to whom the information relates in confidence; and

(i) the disclosure may unfairly damage the reputation of any person referred to in the record. R.S.O. 1990, c. M.56, s. 14 (2).

14(3) A disclosure of personal information is presumed to constitute an unjustified invasion of personal privacy if the personal information,

(a) relates to a medical, psychiatric or psychological history, diagnosis, condition, treatment or evaluation;

(b) was compiled and is identifiable as part of an investigation into a possible violation of law, except to the extent that disclosure is necessary to prosecute the violation or to continue the investigation;

(c) relates to eligibility for social service or welfare benefits or to the determination of benefit levels;

(d) relates to employment or educational history;

(e) was obtained on a tax return or gathered for the purpose of collecting a tax;

(f) describes an individual's finances, income, assets, liabilities, net worth, bank balances, financial history or activities, or creditworthiness;

(g) consists of personal recommendations or evaluations, character references or personnel evaluations; or

(h) indicates the individual's racial or ethnic origin, sexual orientation or religious or political beliefs or associations. R.S.O. 1990, c. M.56, s. 14 (3).

14(4) Despite subsection (3), a disclosure does not constitute an unjustified invasion of personal privacy if it,

(a) discloses the classification, salary range and benefits, or employment responsibilities of an individual who is or was an officer or employee of an institution;

(b) discloses financial or other details of a contract for personal services between an individual and an institution; or

(c) discloses personal information about a deceased individual to the spouse or a close relative of the deceased individual, and the head is satisfied that, in the circumstances, the disclosure is desirable for compassionate reasons. R.S.O. 1990, c. M.56, s. 14 (4); 2006, c. 19, Sched. N, s. 3 (2).

14(5) A head may refuse to confirm or deny the existence of a record if disclosure of the record would constitute an unjustified invasion of personal privacy. R.S.O. 1990, c. M.56, s. 14 (5).

Ministry of the Environment, Conservation and Parks

Access and Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075
Fax: (416) 314-4285

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

Bureau de l'accès à l'information et de la protection de la vie privée

12e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Téléc.: (416) 314-4285

Ontario

September 8, 2021

John Stephen
AEL Environmental
1705 Argentia Road, Unit 3
Mississauga, ON L5N 3A9

Dear John Stephen:

RE: ***Freedom of Information and Protection of Privacy Act*** **Request**
Our File # A-2021-02099, Your Reference 20210601131127609

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to 5497 Manotick Main St, Ottawa.

After a thorough search through the files of the Ministry's Ottawa District Office, Investigations and Enforcement Branch, Environmental Assessment and Permissions Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, no records were located responsive to your request. **This file is now closed.**

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a $25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Dany Briollais at 416-319-7739 or dany.briollais@ontario.ca.

Yours truly,

Original Signed by.

Noel Kent
Manager, Access and Privacy

Ministry of Labour, Training and Skills Development

Freedom of Information, Privacy and Information Management Office

400 University Avenue, 10th flr
Toronto ON M7A 1T7
Tel.: 416 326-7786
Fax: 416 314-8749
TTY: 416 314-5811

Ministère du Travail, de la Formation et du Développement des compétences

Bureau de l'accès à l'information et de la protection de la vie privée

400, av. University, 10e étage
Toronto ON M7A 1T7
Tél.: 416 326-7786
Téléc.: 416 314-8749
ATS: 416 314-5811

Ontario

Our File – Notre référence
G-2021-00499 / MC
Your File – Votre référence

June 29, 2021

Mr. John Stephen
1705 Argentia Rd. Unit 3
Mississauga, ON L5N 3A9

Dear Mr. Stephen:

I am responding to your request made under the *Freedom of Information and Protection of Privacy Act* (*FIPPA*), received on June 1, 2021, related to the property located at 5497 Manitock Main Street in Ottawa.

The ministry's Data Management Branch has performed a search and found there are no outstanding orders at the above specified property in the MLTSD's Occupational Health and Safety Database.

Please note that the database may not be completely up-to-date; orders that may have been issued recently might not be reported if the information has not yet been entered in the ministry's database.

Right of Appeal
Under section 50(1) of *FIPPA*, you may request that the Information and Privacy Commissioner review this decision. Please note that you have 30 days from the date of this decision to request a review. Please be aware that there is a $25.00 appeal fee. The Commissioner's office is located at 2 Bloor Street East, Suite 1400, Toronto Ontario, M4W 1A8 and can be reached by phone at (416) 326-3333. Please visit their website at www.ipc.on.ca for information on how best to communicate with them.

To support efficient processing of access requests, you are encouraged to submit any future requests through the province's online portal. It can be found on www.Ontario.ca under the How to Make a Freedom of Information Request section.

Sincerely,

Krista Lanthier
Team Lead, Freedom of Information, Privacy and
Information Management Office

KL/mc

John Stephen

From: Public Information Services <publicinformationservices@tssa.org>
Sent: June 1, 2021 6:36 PM
To: John Stephen
Subject: RE: Tank Information - [5497 Manotick Main Street, Ottawa] (AEL Ref: 11463-01)

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

NO RECORD FOUND

Hello John,

Thank you for your request for confirmation of public information.

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

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

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

Kind regards,

Saara

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

From: John Stephen <jstephen@aelenv.com>
Sent: June 1, 2021 12:12 PM
To: Public Information Services <publicinformationservices@tssa.org>
Subject: Tank Information - [5497 Manotick Main Street, Ottawa] (AEL Ref: 11463-01)

Hello,

We are currently completing a Phase I ESA. Could you please search your records for the following property for any records or reference to aboveground or underground storage tanks:

[5497 Manotick Main Street, Ottawa

Thank you.

John Stephen, B.Sc., *Environmental Scientist*
AEL environment | 1705 Argentia Road, Unit 3, Mississauga ON L5N 3A9
D 647-956-7369 | T 416-657-2367 | aelenv.com

Environment and Climate Change Canada | Environnement et Changement climatique Canada

Fontaine Building
200 Sacré Coeur Blvd. 13th Floor
Gatineau, Québec
K1A 0H3

Your File Votre référence
2021-010505 / 11462-01
Our File Notre référence
E-2021-00478

June 23, 2021

Mr. John Stephen
AEL Environment
1705 Argentia Road, Unit 3
Mississauga, Ontario
L5N 3A9

Dear Mr. Stephen,

This letter is in response to your request under the *Access to Information Act* for:

> *"*Owner: 12213559 Ontario Inc.
>
> Property: 5497 Manotick Main Street, Ottawa, ON K4M 1B3
>
> Without limiting information sought, please provide information held by your agency such as: known spills, site visit information and breech of your standards for the Property.
>
> Authorization: {Eric Brisson}*"*

After a thorough search, no records were found concerning this request.

Please be advised that you are entitled to file a complaint with the Information Commissioner of Canada concerning the processing of your request within sixty days of the receipt of this notice. In the event you decide to avail yourself of this right, your notice of complaint should be addressed to:

Information Commissioner of Canada
30 Victoria Street
Gatineau, Québec K1A 1H3

If you have any questions regarding this request, please do not hesitate to contact Josée Béchard by email at josee.bechard@canada.ca.

Yours sincerely,

Original signed by:

Shelley Emmerson
Director, Access to Information and Privacy

Canada

22 June 2021

Mr. John Stephen, B.Sc.
AEL Environment
1705 Argentia Road, Unit 3
Mississauga, Ontario
L5N 3A9

Dear Mr. Stephen,

Re: Record of Site Condition – 5497 Manotick Main Street

As per your letter of June 2, 2021 requesting to use non-potable standards, this is to advise that the City of Ottawa objects to the use of non-potable groundwater standards for the property identified as 5497 Manotick Main Street, Ottawa, ON, as part the filing of a Record of Site Condition. The reason for the objection is the presence of several properties within 250 m of the subject property that are serviced by private drinking water wells. Please see the attached figure. All properties without a blue dot are serviced by a private well. Potable standards must therefore be applied.

Best Regards,

Michel Kearney, P.Geo.

Senior Hydrogeologist
Asset Management
Planning, Infrastructure and Economic Development Department

Hydrogéologue principal
Gestion des actifs
Services de la planification, de l'infrastructure et du développement économique
City of Ottawa | Ville d'Ottawa

613.580.2424 ext./poste 22872
ottawa.ca/planning / ottawa.ca/urbanisme

1705 Argentia Rd, Unit 3
Mississauga, ON L5N 3A9
aelenv.com

June 02, 2021

Re: Notice of Intention to Apply Non-Potable Water Use Criteria

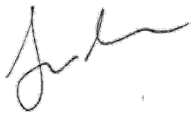
City of Ottawa
Planning, Infrastructure and Economic Development Department
110 Laurier Avenue West
Ottawa, ON K1P 1J1
Attention: Michael Kearney, Senior Hydrogeologist

Dear Mr. Kearney:

AEL wishes to notify City of Ottawa of their intention to apply non-potable water use criteria for the assessment of the site identified as 5497 Manotick Main Street, Ottawa, ON (PT LTS 3&4, PL 547, BEING PART 2, 4R8159; NORTH GOWER) for the purpose of a Record of Site Condition in accordance with O.Reg. 153/04.

If City of Ottawa objects to the application of non-potable water criteria for the site identified as 5497 Manotick Main Street, Ottawa, ON (PIN 045880194) they must notify AEL in writing as per the regulation. If an objection is not received from City of Ottawa within 30 days from the date of this notice of intention AEL will use the non-potable water criteria for the site in accordance with O. Reg 153/04

Sincerely,



John Stephen, B.Sc.

Environmental Scientist

1705 Argentia Rd, Unit 3
Mississauga, ON L5N 3A9
aelenv.com

APPENDIX 4
PROPERTY INFORMATION SURVEY & SITE LEGAL SURVEY

John Stephen

From: Kevin Kim
Sent: June 2, 2021 9:50 AM
To: Kevin Kim
Subject: Phase I Environmental Site Assessment - Property Survey - 5497 Manotick Main Rd

Name of person filling out survey: **Eric Brisson**
Email Address: **eric.brisson@oligogroup.com**
Company: **12213559 Ontario Inc**
Position: **President**
Phone Number: **613-443-3575**

Time of survey completion: **6/2/2021 1:49:44 PM**

What is the address this survey is being completed for?
5497 Manotick Main Rd

What year was the property developed?
1986

Has the current owner (or predecessor companies) owned the property since it was developed for its current use?
No

Please describe the current site use(s).
Residential use only

Identify any prior owners of the site (if known) and years of use.
not known

Please describe any previous land use associated with the site (if known).
residential with access hoe base ofice

List any buildings on site.
one

Are the buildings heated? If so, how?
yes

Is there a transformer located on site that is owned by the local electrical utility?
No

Are there any non-utility oil filled electrical transformers (i.e., owned transformers) at the site?
No

Describe owned transformers on-site (size, type, age, use, etc.)

Are there PCB containing transformers or PCB waste stored at the site?
Never on site

Are there hazardous chemicals (other than PCBs) stored or used on-site?
No

Please list the chemicals.

Have there ever been spills at the site?
None recorded/known

List relevant spills information (date, was it reported to MECP or government agency, material, cleanup actions taken, volume, etc.).

From the list below, select any of the operations which apply to the properties immediately adjacent to the site.
Not applicable

Are there any above or below ground storage tanks on site?
No

Please list number of tanks, whether above or below ground, age, contents, type (fiberglass, metal), and size.

Are there any other underground structures, such as a basement, an oil/water interceptor, or sumps, on the site?
No

Please describe the underground structures, such as a basement, an oil/water interceptor, or sumps, on the site.

Has there ever been asbestos containing material found at the site?
No

Has lead-based paint ever been used at the site?
No

Are/were herbicides used at the site?
No

Is there a source of potable water at the site?
City water

Is the site serviced by municipal sewers?
No

Is there (or has there been) a septic bed at the site?
Yes

Has fill ever been placed on the site?
None known

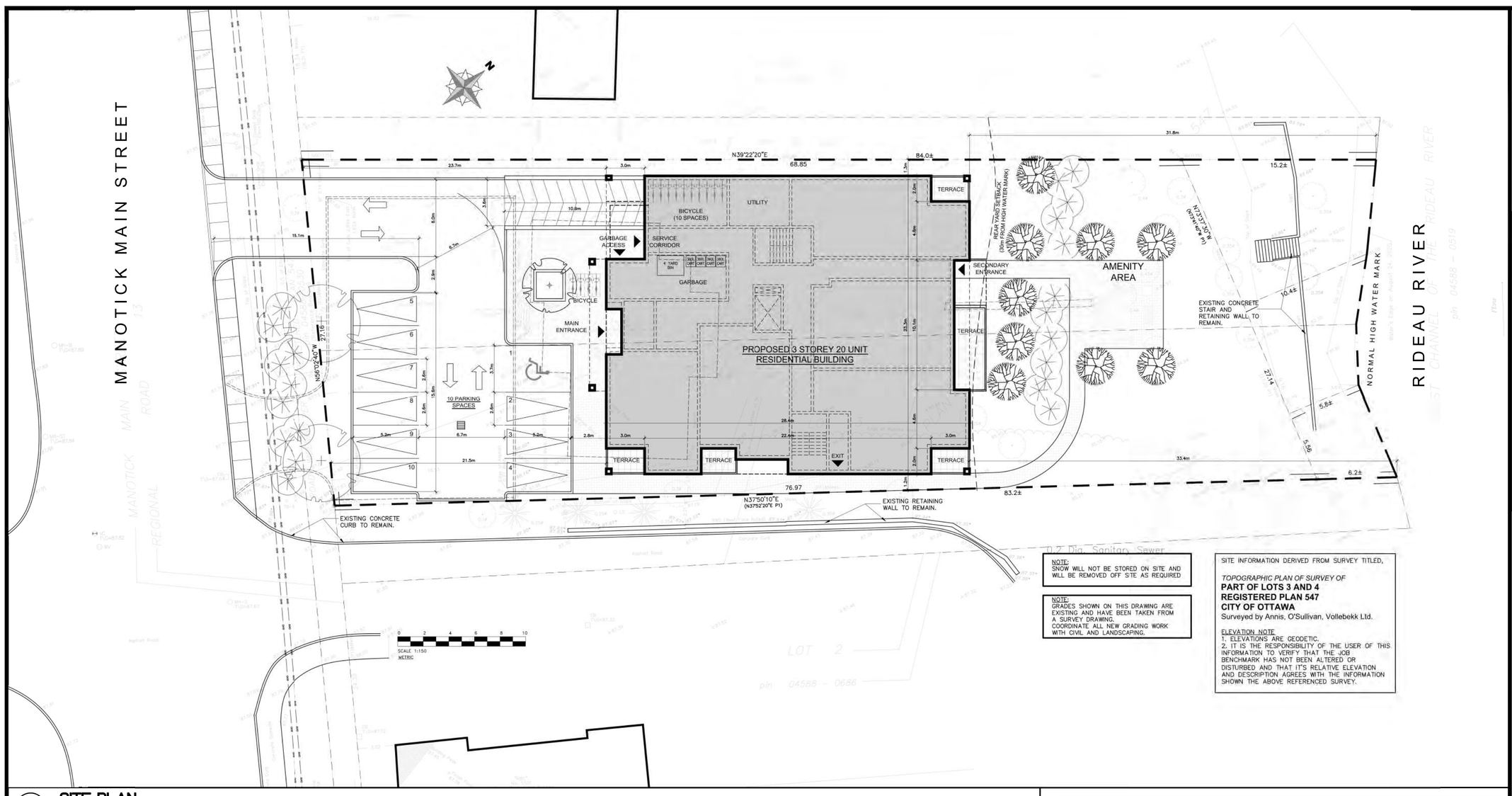
Where was fill placed? How much? What was the source?

Are there any tenants operating on the site?
Yes

Please list tenant information and details (name, permitted use, lease since, etc.)
Rya n Holmes

Has the property ever been used for any of the activities listed in Table 2 of Schedule D of O. Reg. 153/04: Records of Site Condition? Check all that apply. If none apply, please select "none of the above".
None of the above

Do you know of any other operations or incidents at this or any neighbouring property that might have resulted in a negative impact on the environmental conditions of the property or its immediate surroundings?
No



1 SP-01 **SITE PLAN**

SCALE = 1:150

NOTE:
SNOW WILL NOT BE STORED ON SITE AND WILL BE REMOVED OFF SITE AS REQUIRED

NOTE:
GRADES SHOWN ON THIS DRAWING ARE EXISTING AND HAVE BEEN TAKEN FROM A SURVEY DRAWING. COORDINATE ALL NEW GRADING WORK WITH CIVIL AND LANDSCAPING.

SITE INFORMATION DERIVED FROM SURVEY TITLED,

TOPOGRAPHIC PLAN OF SURVEY OF
PART OF LOTS 3 AND 4
REGISTERED PLAN 547
CITY OF OTTAWA
Surveyed by Annis, O'Sullivan, Vollebekk Ltd.

ELEVATION NOTE:
1. ELEVATIONS ARE GEODETIC.
2. IT IS THE RESPONSIBILITY OF THE USER OF THIS INFORMATION TO VERIFY THAT THE JOB BENCHMARK HAS NOT BEEN ALTERED OR DISTURBED AND THAT IT'S RELATIVE ELEVATION AND DESCRIPTION AGREES WITH THE INFORMATION SHOWN THE ABOVE REFERENCED SURVEY.

SITE STATISTICS 5497 MANOTICK MAIN		
ITEM	REQUIRED	PROVIDED
Zone	VM9 Village Mixed Use	VM9 - EXCEPTION
Lot Area	1350 SQ. M.	2169 SQ. M.
Lot Width	20 M. min.	27.2 M.
Maximum Building Height	6.7 M MIN. - 11.0M MAX	10.9 M. - 3 STOREYS
Front Yard	3.0 M MAX	VARY (21.1m AT CLOSEST)
Side Yard — Corner	3.5M MIN. - 4.0M MAX	N/A
Side Yard — Interior	NO MIN.	1.2M
Rear Yard	7.5M MIN. (30.0 M FROM WATER MARK)	(30.0 M FROM WATER MARK)
Building Footprint		608 SQ. M.
Lot Coverage	NO MAX	
Number of Dwelling units		21 UNITS (10 ONE BEDROOM, 11 TWO BEDROOMS)
PARKING SPACES REQUIRED RESIDENTIAL	1.2 PER x 21 = 25 SPACES	(10 SURFACE) (16 UNDERGROUND) 26 SPACES
Required Bike Racks	10.5 REQUIRED (0.5 SPACES/DWELLING)	10 INTERIOR and 4 EXTERIOR
Landscaping — Hard		
Soft		

CLIENT:
12213559 Canada Inc

P² concepts
131 HEATHGATE AVE., UNIT 201
OTTAWA, ONTARIO, K1Y 4M8

LEGEND:
- PROPOSED NEW BUILDING
- NEW UNIT PAVERS
- PROPERTY LINE
- ADJACENT LOT PROPERTY LINES
- E — EXISTING OVERHEAD HYDRO LINE
- NEW WOOD FENCE
- HP — EXISTING HYDRO POLE TO REMAIN
- ENTRANCE ARROWS
- NEW BIKE RACKS
- NEW PARKING
- EXISTING CONCRETE CURB
- LIGHT STANDARD
- WALL MOUNTED LIGHTING FIXTURE
- EXTERIOR SOFFIT LIGHTING FIXTURE
- EXTERIOR WALL MOUNTED LIGHT FIXTURE

No.	REVISIONS	BY	DATE
11			
10	FOR REVIEW	PE	MAY 14 2021
09	FOR REVIEW	PE	APR. 27 2021
08	FOR REVIEW OVERALL REDESIGN	PE	APR. 16 2021
07	FOR REVIEW	PE	MAR. 16 2021
06	FOR REVIEW	PE	FEB. 16 2021
05	REVISIONS TO SITE ACCESS	PE	JAN. 06 2021
04	FOR REVIEW	PE	NOV. 24 2020
03	FOR REVIEW	PE	NOV. 16 2020
02	FOR REVIEW	PE	OCT. 09 2020
01	FOR REVIEW	PE	SEPT. 24 2020

STAMP

NORTH ARROW

DESIGNED BY: P.E.
DRAWN BY: P.E.
APPROVED BY: B.K.

PROJECT
5497 MANOTICK MAIN

DRAWING TITLE
SITE PLAN

PROJECT NO. 0387
DATE OCT. 23, 2020

SP-01

1705 Argentia Rd, Unit 3
Mississauga, ON L5N 3A9
aelenv.com

APPENDIX 5
SITE RECONNAISANCE PHOTOGRAPHS

Photo 1: Facing North, the “site” consists of one storey residential building. The southern portion of the site is asphalt covered and serves as a parking area. The property until 2020 was used as a commercial real estate brokerage (Solid Rock Realty).

Photo 2: Facing northwest, Gas and overhead hydrolines enter the property from the east side of the buidling.

Photo 3: Facing northwest, sump pump and a well tank located in the basement of the site. The site is serviced by a potable water supply well.

Photo 4: Facing northeast, the attached garage located on the east side of the building had minor oil stains present

Photo 5: Facing southeast, commerical properties were located to the east of the site including, RBC Royal Bank located at 5501 Manotick Main Street.

Photo 6: Facing southwest, commercial properties were located south of the site, including Coldwell Bankers and Manotick Main Dental located at 5500 and 5594 Manotick Main Street respectively.

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APPENDIX 6
AUTHORIZATION AND TERMS

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Mississauga, ON L5N 3A9
aelenv.com

Terms of Engagement

GENERAL - Aeon Egmond Ltd. (AEL) and the Client (as described in the attached proposal) agree that any professional services, including subsequent services and charges (collectively the Services) to be provided by AEL relating to the Proposal will be subject to the following Terms and Conditions.

STANDARD OF CARE – Services provided by AEL will be conducted with a level of care ordinarily provided by the engineering and geosciences professions under similar site and time constraints. No warranty, express or implied is made. AEL's work may result in damage to surfaces, the restoration of which is not part of this agreement.

SITE ACCESS – The Client provides right of entry to AEL and their subcontractors to carry out the work.

INFORMATION – The Client warrants that it has provided AEL all information known to, or suspected by the Client relating to the past and existing condition of the Site, including but not limited to soil and groundwater data, hazardous materials and buried utilities. AEL may rely on such information.

SAFETY – AEL is responsible only for its activities and that of its employees.

PAYMENT - Charges for the service(s) rendered will be made in accordance with the Consultant's Schedule of Fees and Disbursements as the services are rendered. Invoices will be due and payable on receipt from the date of the invoice without holdback. Interest on overdue accounts is 2% per month, collection fees being extra and payable on collection (where allowed). If the account is not paid within 60 days from the date of the invoice then AEL shall have the right to suspend all work under this agreement without prejudice.

CHANGES IN WORK SCOPE – AEL and the Client agree that it may be necessary to modify the scope of work, schedule and/or cost estimate proposed in the agreement.

INSURANCE – AEL carries $1,000,000 in commercial general liability, professional liability and automobile coverage. Details on our standard coverage is available on request. AEL maintains worker's compensation coverage to statutory amounts.

LIMITATION OF LIABILITY – The Client agrees to limit the liability of AEL, its employees, officers, directors, agents, consultants and subcontractors to matters which arise directly from AEL's acts, errors or omissions and such that the total aggregate liability of AEL, whether arising in contract, tort, or otherwise, shall not exceed the greater of $50,000 or AEL's total fee for services. Any liability shall expire one year after substantial completion of the services. Neither party shall be responsible for lost revenues, profits, cost of capital, claims of customers, or other special, indirect, consequential or punitive damages.

MUTUAL INDEMNITY – AEL agrees to indemnity, defend and save harmless the Client, its officers, directors, employees, subcontractors and agents from and against all claims, damages, losses and expenses (including but not limited to legal fees) arising from personal injury, death or damage to third party property to the extent arising from the negligent acts, errors and omissions of AEL. The Client agrees to indemnity, defend and save harmless AEL, its officers, directors, employees, subcontractors and agents from and against all claims, damages, losses and expenses (including but not limited to legal fees) arising out of or resulting from the Services or work of AEL including but not limited to, claims made by third parties or any claims against AEL arising from the acts, errors, or omissions of the Client or others. To the fullest extent permitted by law, such indemnifications shall apply regardless of breach of contract or strict liability of AEL. Such indemnity shall not apply to the extent that AEL is finally determined to be negligent.

SUBSURFACE RISKS – Special risks occur whenever engineering or related disciplines are applied to identify subsurface conditions and even a comprehensive sampling and testing program may fail to detect certain conditions. The environmental, geological, geotechnical, geochemical and hydrogeological conditions that AEL interprets to exist between sampling points may differ from those that actually exist. The client agrees to waive any claim against AEL and agrees to defend, indemnify and hold AEL harmless from any claim or liability for injury or loss which may arise as a result of any damage and resulting impacts to subterranean structures, utilities or cross-contamination caused by any subsurface investigation.

DISCOVERY OF HAZARDOUS MATERIALS – The Client recognized that hazardous or suspected hazardous substances may be discovered at the site in the course of the work and that the presence of such substances are not the responsibility of AEL. All contaminated samples, materials, and field equipment that cannot be readily cleaned, shall remain the property and responsibility for the Client for proper handling and disposal. The client agrees that the discovery of any such substances shall constitute a changed condition for which AEL shall be fairly compensated. The client agrees to waive any claim against AEL and agree to defend, indemnify and hold AEL harmless from any claim or liability for injury or loss of any type arising from any alleged or actual discovery of hazardous or suspected hazardous substances.

DOCUMENTS – All reports, plans, data, notes, drawings and other documents prepared by AEL are considered its professional work product and shall remain the copyright property of AEL. The services and documents provided by AEL are intended for one time use only. At the request and expense of the Client, AEL shall provide the Client with copies of such documents. The Client acknowledges that electronic media are susceptible to unauthorised modification deterioration and incompatibility and therefore the Client cannot rely upon the electronic media version.

DELAYS – If site conditions prevent or inhibit performance of the work or unrevealed hazardous waste materials or conditions are encountered services under this Agreement may be delayed. The client shall not hold AEL responsible for damages or delays in performance caused by any such delays, or delays caused by the Client, its subcontractors, acts of God, acts and/or omissions of governmental authorities and regulatory agencies or other events which are beyond the reasonable control of AEL.

LITIGATION - The Client shall reimburse AEL for all direct expenses and time in connection with any disputes, litigation or arbitration involving representatives or documents of AEL arising out of the Services in accordance with AEL's prevailing Schedule of Fees.

PROPERTY TRANSACTIONS – In connection with any contemplated or actual purchase or sale of property related to the work, AEL will not be responsible for the independent conclusions, interpretations, interpolations and/or decisions for the Client or others arising out of data which is directly the product of AEL's services.

MISCELLANEOUS – This agreement supersedes all other agreements, oral or written and contains the entire agreement of at the parties concerning its subject matter. No cancellation, modification, amendment, deletion, addition, waiver or other change in the Agreement shall have effect unless specifically set forth in writing singed by the party to be bound thereby. **The Client acknowledges and agrees that if it accepts this engagement letter, or AEL performs the services contemplated therein, then the above Terms of Engagement shall constitute a binding agreement for the sole benefit of the Client and AEL and that no third party beneficiaries are created by this agreement.**