



PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

5580 Manotick Main Street
Ottawa, ON
K4M 1E2

Submitted to:
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Phase One Environmental Site Assessment

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Project No. B040007



Report Prepared for:

Ignite Architecture Inc.

June 10, 2024



TABLE CONTENT

1.0	EXECUTIVE SUMMARY.....	1
2.0	INTRODUCTION.....	6
2.1	PHASE ONE PROPERTY INFORMATION	6
2.2	CONTACT INFORMATION.....	7
2.3	SITE DESCRIPTION.....	7
2.4	STRUCTURES	7
2.5	OBJECTIVES OF INVESTIGATION.....	8
3.0	SCOPE OF INVESTIGATION	8
4.0	RECORDS REVIEW	9
4.1	GENERAL	9
4.1.1	Phase One Study Area Determination	9
4.1.2	First Developed Use Determination	10
4.1.3	Fire Insurance Plans.....	10
4.1.4	Chain of Title.....	11
4.1.5	Environmental Reports	12
4.2	ENVIRONMENTAL SOURCE INFORMATION	13
4.2.1	ERIS Environmental Database	13
4.3	ADDITIONAL ENVIRONMENTAL DATABASES.....	15
4.3.1	MOE Waste Disposal Site Inventory, June 1991	15
4.3.2	Ontario Inventory of PCB Storage Site, January 1993	15
4.3.3	Inventory Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, November 1988.....	16
4.4	PHYSICAL SETTING SOURCES	16
4.4.1	Aerial Photographs	16
4.4.2	Topography, Hydrology, Geology.....	18
4.4.3	Fill Materials.....	18
4.4.4	Water Bodies, Areas of Natural Significance & Ground Water Information.....	19
4.4.5	Well Records	19
4.5	SITE OPERATING RECORDS.....	19
5.0	INTERVIEWS.....	20
6.0	SITE RECONNAISSANCE.....	21
6.1	GENERAL REQUIREMENTS.....	21

TABLE CONTENT

6.1.1	Current Site Operations.....	21
6.1.2	Neighbouring Properties.....	22
6.2	SPECIFIC OBSERVATIONS AT PHASE ONE PROPERTY	23
6.2.1	Utility Services.....	24
6.2.2	Underground Storage Tanks (USTs)	24
6.2.3	Aboveground Storage Tanks (ASTs).....	24
6.2.4	Chemical Use and Storage.....	25
6.2.5	Chemical Spills and Release	25
6.2.6	Solid Waste / Recyclables	25
6.2.7	Hazardous Materials	26
6.2.8	Wastewater	26
6.2.9	Floor / Trench Drains, Pits and Sumps.....	26
6.2.10	Stormwater.....	26
6.2.11	Asbestos Containing Materials (ACM).....	26
6.2.12	Polychlorinated Biphenyls (PCBs)	27
6.2.13	Chlorofluorocarbons (CFCs).....	27
6.2.14	Urea Formaldehyde Foam Insulation (UFFI)	27
6.2.15	Lead Based Paint.....	28
6.2.16	Air Emissions	28
6.2.17	Ionising Radiation.....	28
6.2.18	Radon	28
6.2.19	Enhanced Investigation Property.....	28
6.3	WRITTEN DESCRIPTION OF INVESTIGATION	29
7.0	REVIEW AND EVALUATION OF INFORMATION	29
7.1.1	Current and Past Uses	29
7.1.2	Potentially Contaminating Activities.....	32
7.1.3	Areas of Potential Environmental Concern	34
7.1.4	Phase One Conceptual Site Model.....	35
8.0	CONCLUSION.....	35
8.1.1	Phase Two Environmental Site Assessment Requirement	35
8.1.2	Signatures.....	36
9.0	LIMITATION OF INVESTIGATION.....	37



TABLE CONTENT

10.0 REFERENCES..... 38

Appendix A	Figure 1 – Site Location Plan
	Figure 2 – Potentially Contaminating Activities
	Figure 3 – Areas of Potential Environmental Concern
	Figure 4 – Topographic Map
Appendix B	ERIS Database Report
Appendix C	Aerial Photographs
Appendix D	List of past owners of the Property
Appendix E	Ottawa – Nepean 1999 City Directory, Manotick St
Appendix F	Fire Insurance Plan
Appendix G	Site Investigation Photographs



LIST OF TABLES

Table 1: Phase One Property Legal Information	6
Table 2: Phase One Property Contact Information	7
Table 3: List of past owners of the Phase One Property	12
Table 4: List and Description of Aerial Photographs	17
Table 5: List of current and past uses of the Property	30
Table 6: PCAs identified on, in or under the Phase One Property	32
Table 7: PCAs identified in the Phase One Study Area	33
Table 8: List of Areas of Potential Environmental Concern	34



1.0 EXECUTIVE SUMMARY

Blastek Engineering Group (hereafter referred to as “Blastek”) was retained by Ignite Architecture Inc. (hereafter referred to as “Ignite” or “Client”), represented by Ms. Nicole Chilton-Jones, to prepare a Phase One Environmental Site Assessment (ESA) for the parcel of land located at 5580 Manotick Main Street in Ottawa, Ontario (hereafter referred to as the “Property” or “Site”).

The Phase One Property is an approximately 0.1-hectare (0.256 acres) parcel of land situated within a mixed residential and commercial area in the City of Ottawa, Ontario. The Phase One Property is located approximately 135 m west of the Rideau River.

It is Blastek’s understanding that the purpose of this Phase One ESA is to support planning approval applications with the City of Ottawa. The Phase One ESA report has been prepared in accordance with Ontario Regulations 153/04 (O. Reg. 153/04) as amended by the Ministry of the Environment, Conservation and Parks (MECP). Blastek understands that this Phase One ESA may be used to support the filing of a Record of Site Condition (RSC) as part of the proposed redevelopment of the Phase One Property.

The Phase One ESA includes an assessment of the Site and adjacent lands within a 250-metre (m) radius from the Property boundaries (hereafter referred to as the “Phase One Study Area”). The objectives of the Phase One ESA are to identify the presence or absence of potentially contaminating activities (PCAs) on the Phase One Property and/or within the Phase One Study Area, and to determine if the PCAs identified within the Phase One Study Area are likely to result in an Area of Potential Environmental Concern (APEC) on the Phase One Property. The information obtained by the Phase One ESA will be used to assess whether further investigation in the form of a Phase Two ESA is merited. It should be noted that this Phase One ESA does not include any sampling or testing and is based solely on a review of readily available data, and observations made during the Phase One Site Reconnaissance.

The Phase One ESA involved the following main tasks: A records review of historical site use and activities for the Phase One Property and for the areas within approximately 250 m from the Phase One Property boundary; Interviews with available individuals having knowledge of current and/or historical site activities; A reconnaissance inspection of the Property; and Evaluation of the information and documentation.

The Phase One ESA has identified six (6) PCAs on the Phase One Study Area that are associated with the Phase One Property. These PCAs were deemed to be contributing to four (4) APECs on the Phase One Property.

The identified PCAs and APECs are presented in the tables below.

The PCAs identified on, in or under the Phase One Property are:

PCA ID No.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Yes/No)
PCA-1	#28–Gasoline and associated products storage in fixed tanks	A fuel storage tank vent pipe in the basement suggests a fuel oil furnace used for heating and a fuel tank could have been present on the Property. Based on Site reconnaissance.	Yes
PCA-2	(Other), no detailed information provided. May include inorganic chemicals, petroleum hydrocarbons, metals, waste oils.	Unknown chemical manufacturing, processing and bulk storage: The tote on the north side of the barn could have been used to store chemicals. Based on Site reconnaissance.	Yes

The PCAs identified in the Phase One Study Area that may be contributing to an APEC are:

PCA ID No.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Location	Description	Contributing to APEC (Yes/No)
PCA-3	#37 Operation of Dry Cleaning Equipment (where chemicals are used)	1160 Beaverwood Road	Quality Cleaners, dry cleaner located to the northwest of the Site at 150 m.	Yes
PCA-4	#28 – Gasoline and Associated Products Storage in Fixed Tanks	1160D Beaverwood Road	Listed in the Fuel Oil Spills and Leaks database with a hit to a service/riser distribution pipeline. Located at approximately 150 m west of the Site	Yes
PCA-5	#28 – Gasoline and Associated Products Storage in Fixed Tanks	5561 Main Street	Listed in the Ontario Spill database with a furnace oil spill in 1996 on earth basement floor. Located at approximately 135 m north-west of the Site	Yes
PCA-6	#37 Operation of Dry Cleaning Equipment (where chemicals are used)	Area to the northwest of the Site	Based on a review of the previous environmental reports for the Phase One Property, elevated concentration of chlorinated volatile organic compounds were detected in groundwater.	Yes

The identified APECs at the Property caused by the PCAs above are summarized in the following table.

APEC No.	Location of APEC on Phase One Property	PCA	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-1	The south portion of the residential building (Basement footprint)	28. Gasoline and Associated Products Storage in Fixed Tanks	On-Site (PCA-1)	PHCs, BTEX, Metals	Soil and Groundwater
APEC-2	Western portion of the Property	(Other) Chemical manufacturing, processing and bulk storage	On-Site (PCA-2)	VOCs, PHCs, BTEX, PAHs	Soil and Groundwater
APEC-3	Entire property	37. Operation of Dry Cleaning Equipment (where chemicals are used)	Off-Site (PCA-3 and PCA-6)	VOCs	Soil and Groundwater
APEC-4	Western portion of the Property	28. Gasoline and Associated Products Storage in Fixed Tanks	Off-Site (PCA-4 and PCA-5)	PHCs, BTEX, Metals	Soil and Groundwater



The Contaminants of Potential Concern (COPCs) identified by the Qualified Person (QP) include PHCs, VOCs, BTEX, Metals, As, Sb, Se, B-HWS, CN-, EC, Cr (VI), Hg, low or high pH, SAR, PAHs and PCBs.

Based on the findings of the Phase One ESA, filing of an RSC cannot be completed based upon a Phase One ESA alone as APECs have been identified on the Phase One Property.

Therefore, a Phase Two ESA will be required to be conducted prior to filing an RSC. The Phase Two ESA shall be carried out to determine the absence or presence of the actual contamination in the APECs identified at the Phase One Property.

Given the age of the site buildings, a survey of designated substances and hazardous materials should be conducted prior to demolition of the existing buildings.

2.0 INTRODUCTION

2.1 Phase One Property Information

Blastek Engineering Group was retained by Ignite Architecture Inc., represented by Ms. Nicole Chilton-Jones to prepare a Phase One Environmental Site Assessment of a residential property located at 5580 Manotick Main Street in the City of Ottawa, Ontario. The Property is owned by Abdulla Real Estate Holdings Co. The Phase One ESA was conducted in response to the Client's request and in accordance with Blastek's Proposal (Reference No. BP0495-R2) dated March 6, 2024.

The Site is rectangular in shape with an indent on the southwest side of the Property, the Site covers an area of approximately 1035 m² and is located in an area with a mix of residential and commercial properties. A Site Location Plan is included in Appendix A – Figure 1 of this report.

The legal information for the Phase One Property is provided in the following table.

Table 1: Phase One Property Legal Information

Phase One Property	Information	Source
Municipal Address	5580 Manotick Main Street, Ottawa, ON K4M 1E2, Canada	Ottawa Region Online map
Legal Description	Lot 68 Registered Plan No. 18 and Part of Lot 3 Concession "A" (Broken Front) Geographic Township of North Gower, City of Ottawa	Client
Property Identification Number (PIN)	03902-0599	Client
Zoning	VM9, mix of residential and commercial properties	Ottawa Region Online map

2.2 Contact Information

The information for the Property Owner and the Client is provided in the table below.

Table 2: Phase One Property Contact Information

Property Address	Property Owner	Client Contact
5580 Manotick Main Street, Ottawa, ON K4M 1E2, Canada	Abdulla Real Estate Holdings Co	Nicole Chilton-Jones

2.3 Site Description

The site is located west-southwest of Manotick Main Street in the City of Ottawa, Ontario. The Phase One Property consists of one (1) parcel of irregularly shaped land, with a total area of approximately 0.1 hectares (approximately 0.217 acre). The site boundary is shown in Appendix A - Figure 1.

The Phase One Property is situated 134 m west of Rideau River, occupied by residential property, and is bounded by Manotick Main Street followed by residential properties to the east, by residential properties to the south and north and a commercial property to the west.

The Phase One Property was first developed with building structures prior to 1930s. It is understood that the Client intends to re-develop the property into a residential and commercial two-storey building with a ground floor parking.

2.4 Structures

The Site has been developed with a building structure for residential use and is currently an abandoned house. The Property currently includes the following structures:

- Two-story house at the eastern portion of the Property adjacent to Manotick Main Street.
- Barn located on the southwest portion of the property.
- Workshop located on the north portion of the property.

2.5 Objectives of Investigation

The objectives of the Phase One ESA are:

- To assess the environmental condition of the Phase One Property to develop a preliminary determination of the likelihood that one or more contaminants have affected any land or water on, in, or under the Phase One Property.
- To identify potentially contaminating activities within the Phase One Study Area (i.e., areas within 250 m of the Property's boundary).
- To determine the need for a Phase Two ESA.
- To provide a basis for carrying out any Phase Two ESA.
- To identify issues of obvious or potential environmental concern of the Property from the current and historical activities at the Phase One Property and the Phase One Study Area.

3.0 SCOPE OF INVESTIGATION

The purpose of the Phase One ESA was to identify through a non-intrusive investigation, significant actual or potential environmental liabilities associated with the Site, the on-Site building and the immediate vicinity of the Site. It is Blastek's understanding that the Phase One ESA has been conducted for the Client for the purpose of future City planning of the Property and for obtaining financing.

This Phase One ESA report is presented in accordance with O. Reg. 153/04: Records of Site Condition. The Phase One ESA included a Site inspection, a review of Site history using publicly available and easily accessible documents including historical title records, documentation review, and inquiries with regulatory agencies. The following tasks were conducted by Blastek during this assessment:

- A review of publicly available historical City directories, aerial photographs, and fire insurance plans of the Site and surrounding area;
- Submission of inquiries to applicable regulatory agencies regarding environmental infractions or notices registered against the Property, owner or occupant;
- Interview with persons knowledgeable about the Site and the Site operations;
- A review of past and current Site usage and adjacent property occupancy;
- A review of environmental databases;
- An inspection of the facilities, equipment, operations, utility services and associated records available for the Site;

- Inquiries of present and historical activities of the current and former occupants or owners that may have caused or are causing potential environmental impact to the Site;
- A review of available aboveground storage tanks (AST) and underground storage tanks (UST) records;
- A review of chemical use, storage, and handling practices and spill/release incidents;
- A review of waste handling, storage and disposal practices as they may impact the environment;
- A review of wastewater discharge;
- Identification of point-source air emissions;
- A review of equipment that potentially contain polychlorinated biphenyls (PCBs), and Chlorofluorocarbons (CFCs);
- Visual identification of potential asbestos-containing materials (ACM), urea formaldehyde foam insulation (UFFI), lead-based paint; and
- A review of available third-party environmental reports, documents and correspondence provided by the Site personnel or the Client;

The following report summarises the information gathered by Blastek during the Phase One ESA in order to identify significant actual or potential environmental liabilities associated with the Site and the on-Site buildings. Blastek relied on information received from all parties as accurate unless contradicted by field observations or written documentation.

This report has been prepared for the use of Ignite Architecture Inc., and its financing institution and may not be relied upon by any other party without the written concurrence of Blastek.

4.0 RECORDS REVIEW

Historical land use of the Site was investigated by Blastek through a review of historical environmental reports, City of Ottawa directories, available fire insurance plans, aerial photographs and environmental databases. The following present the findings of the historical records review.

4.1 General

4.1.1 Phase One Study Area Determination

The study area for the Phase One ESA includes the Property and all surrounding areas within 250 metres of the Property boundaries. Blastek did not identify any rationale to increase or decrease the Phase One Study Area.

4.1.2 First Developed Use Determination

Based on the list of owners of the Property provided to Blastek by the Property Owner and included in Appendix D, the date of construction of the two-storey residential building is 1885. The aerial photographs available for the Site did not show when the Site was first developed, since the oldest available photograph already depicted the residential building. According to information in the reviewed city directories, the Site was not listed in the city directories. Therefore, the date of the first developed use of the Property is determined to be 1885.

4.1.3 Fire Insurance Plans

Fire insurance plans assist in the identification of historical land use and commonly indicate building layouts, detached structures, Site improvements, facility operations, names of tenants, the existence and location of boiler rooms, aboveground and underground storage tanks and adjoining property uses. Blastek conducted a search for publicly available historical fire insurance plans for the Site and adjacent lands. No publicly available fire insurance plan covering the Site was found, however one (1) fire insurance plan covering the adjacent neighbouring properties was found at the time of our search. This fire insurance plan is provided in Appendix F.

The fire insurance plan is dated to November 1897. The fire insurance plan covers the area 130 meters northwest of the Property, between Bridge Street and Cathrine Street (which is today's Currier Street), and between the West Branch of River Rideau and Ann Street. The fire insurance plan does not include the Property. The plan covers Mill Street, Tighe St, John Street (which is today's O'Grady Street) and Main St (which is today's Manotick Main Street). The lot numbers on Mill Street range from 57 to 150. The lot numbers on Tighe Street range from 180 to 268. The lot numbers on John Street range from 220 to 391. The lot numbers on Main Street range from 450 to 581. All lots and structures are similar in size, with three (3) bigger structures associated with a church and two (2) hotels. The area contained in the fire insurance plan seems to be developed mostly with residential buildings, a bakery located at 578 Main Street, two (2) hotels on Mill Street, a church located at 340 Elizabeth Street and a mill on the Rideau River between Mill Street and Bridge Street.

One PCA was identified on the fire insurance plan and is a previously operated tin smelter located at 312 Tighe Street, City of Ottawa. The tin smelter is downgradient from the Property and is located at approximately 280 meters from the Property. This PCA was deemed to be not contributing to an APEC on the Phase One Property due to significant distant from the Site and located cross gradient of the Site.



No other commercially available fire insurance plans or reports were provided by the Client to Blastek for review.

4.1.4 Chain of Title

City directories were reviewed at the City of Ottawa Library and Archives Canada for selected years to determine the previous occupancy of the Phase One Property and the properties located within the Phase One Study Area to evaluate whether past land uses were likely to have had a potential environmental impact on the Property. No information on the Property and the Phase One Study Area was available.

A chain of title search for the Property was prepared as part of the Phase One ESA. According to the chain of title report, the Crown patent was issued to Nadab Eastman in 1885. The Property has been owned by several private individuals from 1885 to 2022. Abdulla Real Estate Holdings Co. is the current owner of the Property since October 2022.

In the Ottawa – Nepean 1999 city directory, Manotick Street is listed and contains 19 businesses and 7 households. The list of businesses and households can be found in Appendix E. All the businesses are located at Chatterley's A J, which seems to be the location of the current commercial complex located at 1160 Beaverwood Road. This is based on the fact that a few businesses listed in the city directory are currently found in this commercial complex, such as Manotick Home Hardware, Mansfield Shoes, Pearl House Dining lounge and Quality Cleaners. Two (2) of the seven (7) households are located at the Chatterley's A J. The remaining five (5) households are located at 1005, 1066, 1097, 1105 and 1404 Manotick Street. These addresses were not able to be located on a current map.

Two PCAs were identified based on the city directories at 1160 Beaverwood Road:

- PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks, was identified to be associated with the previous industrial activities and existing AST or USTs and may contribute to an APEC.
- PCA #37 – Operation of Dry Cleaning Equipment, potential use of chlorinated solvents in industrial activities and may contribute to an APEC.

The Property Owner provided Blastek with a list of past owners, available in Appendix D, of the Site from 1885 to 1995. The table below presents the list of past owners of the Property from the date of the first developed use to 1995.

Table 3: List of past owners of the Phase One Property

Owner	Date of ownership
Nadab Eastman	1885-1886
Eli Hicks (then Adam and John W. Hicks)	1886-1926
Wm. J. Hicks (life lease to Adam and John W. Hicks)	1926-1954
Jessie M. Hicks	1954-1957
Kenneth and Betty Goode	1957-1977
George and Lynne M. Pancy	1977-1980
Robert and Susan Ashley	1980-1982
Judith M. Holt	1982-1995
Donna Wright	1995
Abdulla Real Estate Holdings Co.	October 2022 - present

Based on the interview with the Property Owner, the Property was previously owned by 1925531 Ontario Inc. at some point in time unknown to the Property Owner. Blastek did not find any records validating the Property ownership of this business. No information was available on the owners of the Property from 1995 to 2022. Abdulla Real Estate Holdings Co. purchased the Property in October of 2022.

No other City Directories were available for review by Blastek.

4.1.5 Environmental Reports

Blastek searched for publicly available reports prepared in respect of all or part of the Property by or on behalf of a current or former owner including:

- Environmental site assessment reports;
- Remediation reports;
- Reports prepared in response to an order or request of the Ministry; and
- Any other reports relating to the presence of a contaminant on, in or under the Property or the existence of an APEC.

The following reports were found by or provided by the Client to Blastek:

- Supplementary Bedrock Hydrogeologic Investigation of PCE Contamination, Village of Manotick, Prepared by Raven Beck Environmental Limited, Dated 30 July 1996.
 - The hydrogeologic investigation indicates that 42 out of 65 private wells throughout Manotick were contaminated with tetrachloroethylene (PCE) and benzene above applicable drinking water standards. This hydrogeologic

investigation was conducted based on the recommendations from previous supplementary bedrock hydrogeologic investigations from 1994. The 1994 report identified two bedrock water supply aquifers that were contaminated by PCE and petroleum hydrocarbons. Upon further investigations, the report found that there was PCE contamination of groundwater in the upper aquifer. A plume of PCE in the upper aquifer was identified, covering the west corner of the Property, approximately 40% of the total Site area. The PCE contamination of the plume was found to be 30 µg/L at the well located approximately 20 m west of the Property and 10 µg/L at the edge of the plume.

- Manotick Contaminated Well Water Evaluation of Water Supply Alternatives Study, Prepared by A.J. Robinson & Associates Inc., Dated May 14, 1992.
 - The contaminated well water evaluation study indicates that “in December 1991 the Ontario Ministry of the Environment (MOE) conducted a groundwater investigation study, the investigation results indicate that groundwater contaminated exceedance in wells located in the core area of Manotick. An extensive sampling program, conducted by the MOE, delineated a zone of perchloroethylene contamination encompassing over 70 wells supplying water for 100 - 130 homes and businesses.” The study investigated and analyzed interim and long-term solution alternatives to the contamination problem. There is a potential vapor intrusion concern in the properties above the plume.

Based on reviewing previous environmental reports, one (1) PCA was identified:

- PCA #37 – Operation of Dry Cleaning Equipment, potential use of chlorinated solvents in industrial activities and may contribute to an APEC.

4.2 Environmental Source Information

4.2.1 ERIS Environmental Database

Blastek contracted ERIS Database to conduct a search of available Federal, Provincial and private environmental databases, within a 250 m radius of the Site. The ERIS report is provided in Appendix B. Based on the location of the Phase One Property, the database searches were completed to assist in the identification of environmental conditions at the Site and on adjacent properties. A total of seventy-six (76) Provincial, Federal and private environmental databases were searched by ERIS Database. According to the information contained in the ERIS Database report, the Phase One Property is not listed in any of the searched databases. Neighbouring properties within a 250 m radius of the Phase One Property were listed in the Borehole database, Dry Cleaning Facilities database, Eris Historical database, List of Expired

Fuels Safety Facilities database, Fuel Storage Tank - Historic database, Ontario Regulation 347 Waste Generators Summary database, Fuel Oil Spills and Leaks database, Pesticide Register database, Pipeline Incidents database, Scott's Manufacturing Directory database, Ontario Spills database, and Water Well Information System database. Operations on the immediate neighbouring properties that could have potentially impacted the subject Site include the following:

- Quality Cleaners located at 1160 Beaverwood Road (approximately 65 m west of the Site) is listed in the Dry Cleaning Facilities database and the Ontario Waste Generators summary database as producer of halogenated solvents. PCA #37 – Operation of Dry Cleaning Equipment, use of chlorinated solvents.
- Caremedics Manotick Inc. located at 1160 Beaverwood Road, Unit 2 (approximately 65m west of the Site) is listed in the Ontario Waste Generators summary database as producer of pathological wastes.
- Rexall Pharmacy Group Ltd. located at 1160 Beaverwood Road (approximately 65m west of the Site) is listed in the Ontario Waste Generators summary database as producer of pharmaceuticals and pathological wastes.
- A property located at 1160D Beaverwood Road (approximately 150 m west of the Site) is listed in the Fuel Oil Spills and Leaks database with a hit to a service riser distribution pipeline. PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks, was identified to be associated with the previous fuel oil spill.
- A property located at 5557 Dickinson Street (approximately 190 m north of the Site) is listed in the Fuel Oil Spills and Leaks database with a hit to a service riser distribution pipeline. PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks, was identified to be associated with fuel oil leak.
- A private residence located at 5561 Main Street (approximately 135 m north-west of the Site) is listed in the Ontario Spill database with a furnace oil spill in 1996 earth basement floor. PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks, was identified to be associated with associated with fuel oil spill.
- Lindsay McCaffrey General Merchants located at 5549 Ann Street (approximately 250 m north-west of the Site) is listed in the Ontario Spill database with an underground fuel tank leak in 1992 that contaminated soil. The PCA is located significantly distant from the Site were considered to be too far to be contributing to an APEC on the Phase One Property.

Visual evidence of adverse impact to the Site from neighbouring activities was noted at the time of the 2024 Site inspection. Blastek observed a fat storage bin surrounded by oil spills on

the commercial property adjacent to the west of the Property. It is not known if the historical (or current) activities on these identified neighbouring properties have adversely impacted the environmental quality of the Site subsoil and/or groundwater.

Based on reviewing the ERIS Environmental Database, two (2) PCAs were identified:

- PCA #37 – Operation of Dry Cleaning Equipment, potential use of chlorinated solvents in industrial activities and may contribute to an APEC.
- PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks and may contribute to an APEC.

4.3 Additional Environmental Databases

Blastek reviewed several published environmental summary documents and databases as part of the Site history review to determine if past use of the Site or land in close vicinity of the Site may have resulted in environmental impairment of the Site. The following documents were reviewed with the findings presented as follows.

4.3.1 MOE Waste Disposal Site Inventory, June 1991

The Ministry of the Environment (MOE) Waste Disposal Site Inventory June 1991 contains a list, prepared by the MOE, of all known active and closed waste disposal sites in the Province of Ontario as of October 31, 1990. This document is a “working document”, subject to continual revisions and updating. The document contains an active site inventory, a closed site inventory, a closed municipal coal gasification plant site inventory, and an inventory of industrial sites producing and using coal tars and related tars in Ontario.

Finding:

- There are no active landfills within the Phase One Study Area listed in the MOE Waste Disposal Inventory (June 1991).
- There are no closed landfills within the Phase One Study Area listed in the MOE Waste Disposal Inventory (June 1991).

4.3.2 Ontario Inventory of PCB Storage Site, January 1993

The Ontario Inventory of PCB Storage Sites, January 1993 contains information on PCB Storage Sites in the Province of Ontario, which is collected under Ontario Regulation 362/90 by the district and regional offices of the MOE. The document is an inventory of known private and provincially operated PCB storage sites as of January 1993. The document does not include Federal PCB storage sites, which are under Environment Canada jurisdiction.

Findings:

- The Site was not listed in the Ontario Inventory of PCB Storage Sites report.
- There is no former PCB Storage facility within the Phase One Study Area listed in the Inventory of PCB Storage Sites in Ontario, January 1993.

4.3.3 Inventory Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, November 1988

The report titled Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, November 1988 provides the results of an inventory and preliminary assessment of potential environmental impacts of 44 known industrial sites in Ontario which produced or used coal tar and related tars, as of November 1988. This report was prepared to continue the inventory and assessment process started by the Inventory of Coal Gasification Plant Waste Sites in Ontario, April 1987.

Finding:

- The Site is not listed in the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, November 1988.
- There are no former industrial sites producing or using coal tar and related tars within the Phase One Study Area listed in the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario, November 1988.

4.4 Physical Setting Sources

4.4.1 Aerial Photographs

Aerial photographs are reviewed to generally document development of the Site and properties in close vicinity of the Site. They identify potential waste disposal areas, storage activities, land-filling, and other potential adverse environmental concerns on Site and in the immediate vicinity of the Site. Typically, the scale of aerial photographs only permits the identification of large features on the landscape. 19 aerial photographs of the Site and surrounding area were obtained for years between 1936 and 2022. The earliest photograph available was from the year 1936 and was sourced from National Air Photo Library located at 615 Booth Street in Ottawa. Photographs for years 1936, 1946, 1960, 1980 and 1997 were provided to Blastek by the National Air Photo Library. These photographs were chosen because they depicted the Property and the Phase One Study Area in decent detail. The remaining photographs were taken from the City of Ottawa's GeoOttawa website. All available years were included in this

series. Comments for photographs for every 10 years are presented in the following table. All photographs are provided in Appendix C.

Table 4: List and Description of Aerial Photographs

Year	Site Description	Neighbourhood Description
1936	The subject Site appears to be developed with a single residential home and a barn.	Immediate neighbouring properties appear to be developed with residential buildings as well as agricultural land. Extended neighbouring properties appear to be developed with some rural residential properties.
1946	No significant change	No significant change
1960	No significant change	Immediate neighbouring properties appear to be developed with additional residential homes.
1976	No significant change	Immediate neighbouring properties appear to be developed with additional residential homes. Extended neighbouring properties also appear to be further developed with commercial buildings approximately 300m west of the Site.
1980	No significant change	Extended neighbouring properties appear to be further developed with commercial buildings between 150m and 300m west of the Site.
1991	No significant change	Immediate neighbouring properties appear to be developed with additional residential homes as well as with commercial buildings within 100m west of the Site.
1997	No significant change	Extended neighbouring properties appear to be further developed with commercial buildings approximately 200m west of the Site.
2005	The roof of the residential building seems to have been renovated.	No significant change
2014	No significant change	No significant change
2021	No significant change	No significant change

Aerial photographs indicate the subject Site was developed since at least 1936. The Property seems to have always been a residential property. The immediate neighbouring properties were developed since at least 1980 with a mix of residential and commercial properties. Subsequently, the immediate neighbouring properties continued to redevelop with residential and commercial properties. No potential waste disposal areas or storage activities on Site or in the immediate vicinity of the Site were noted, although the scale of the aerial photographs did not permit an accurate interpretation of detailed features of the Site or the adjacent properties.

4.4.2 Topography, Hydrology, Geology

The Site is located in an area of hilly topography, sloping downwards towards the west. The subject Site is higher in elevation along the west Property limits. A topographic map of the Site and Phase One Study Area is provided in Appendix A – Figure 4. There are no natural surface water bodies or open drainage ditches currently located on the Site. The nearest significant surface water body is the Rideau River located approximately 130-150 meters east-northeast of the Site.

According to the Generalized Bedrock Geology of Ottawa – Hull map from Geological Survey of Canada, the Site is located on the Oxford formation, which consists of dolomite and limestone. According to the Surficial Geology of Kemptville map from Geological Survey of Canada, the Site is located in an area of offshore marine deposits, which is describe by massive blue-grey clay, silty clay and silt, calcareous and fossiliferous, locally overlain by thin sands.

No well records were found on the Property. However, 59 water wells were identified within the Phase One Study Area. Four (4) of the water wells are at a higher elevation than the Site while the remaining 55 water wells are at a lower elevation. Two (2) of the four (4) water wells at a higher elevation are within 30 m of the Property. These indicate a mixture of gravel, boulders and clay to a depth of approximately 18 meters, and a mixture of limestone and sandstone from a depth of approximately 18 meters to 45 meters.

The depth to groundwater is not known; however, it should be noted that groundwater depths could vary significantly on a seasonal basis and with periods of precipitation.

4.4.3 Fill Materials

Blastek representatives did not observe any areas of disturbed soil or fill areas or stockpiles on the Phase One Property.



4.4.4 Water Bodies, Areas of Natural Significance & Ground Water Information

The Rideau River is located at approximately 130-150 meters east-northeast of the Property.

During the interview with the Property Owner, the Property Owner mentioned that the Property is supplied by a municipal drinking water system. From the Water Distribution and Wastewater Collection Systems map of the City of Ottawa, all the properties within the Phase One Study Area are supplied by a municipal drinking water system.

From the Ministry of the Environment, Conservation and Parks of Ontario's Source Protection Information Atlas, the Phase One Property and Study Area are not located in well-head protection areas.

4.4.5 Well Records

The Water Well Information System describes locations and characteristics of water wells found within Ontario in accordance with Ontario Regulation 903/1990 (O. Reg 903/1990). It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level and well status. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

59 water wells were identified within the Phase One Study Area. Four (4) of the water wells are at a higher elevation than the Site while the remaining 55 water wells are at a lower elevation. Two (2) of the four (4) water wells at a higher elevation are within 30 m of the Property. These indicate a mixture of gravel, boulders and clay to a depth of approximately 18 meters, and a mixture of limestone and sandstone from a depth of approximately 18 meters to 45 meters.

The depth to groundwater is not known; however, it should be noted that groundwater depths could vary significantly on a seasonal basis and with periods of precipitation.

4.5 Site Operating Records

This section is not applicable as the Phase One Property is not an enhanced investigation property.

5.0 INTERVIEWS

As part of the Phase One ESA, Blastek interviewed Dr. Alykhan Abdulla through the phone on March 15th, 2024, as well as on April 2nd, 2024 to assist in documenting current Site conditions and operating history. Dr. Abdulla was identified as the interview subject because he is the current Property Owner of the Site. Dr. Abdulla has been familiar with the Site for one and a half (1.5) years. Dr. Abdulla did not mention any PCAs or APECs during the interview.

Dr. Abdulla stated that the Site is currently vacant and not in use. He mentioned that mobile furniture in the residential building suggested that a hairdresser or esthetic business was previously operating on the Property, however he does not know at what time and how long the business was operating. Dr. Abdulla mentioned that he is not aware of any plant operations that occurred on the Site. He mentioned that a registered business under the name of 1925531 Ontario Inc. previously owned the Property, however he does not know the time or duration of the ownership.

Dr. Abdulla stated that there are no water wells on the Site. This has been confirmed by Blastek during the Site inspection. He mentioned that the Property is serviced with municipal sanitary and storm sewer systems. He mentioned that he is not aware of a septic system on the Site. No septic tanks were identified by Blastek during the Site inspection.

Dr. Abdulla mentioned that boilers and suspended furnaces using electricity are used as building heating systems. He is not sure if the residential property has ever been heated by oil in the past. Dr. Abdulla mentioned that he is not aware of the use of the fuel storage tank vent pipe. Dr. Abdulla mentioned that all utilities were in place when he purchased the Property.

He is not aware of any chemical use or storage, as well as chemical receiving activities. He is not aware of any additions or renovations on the residential building; however, he noticed that the solarium/four seasons room located on the west side of the residential property seemed like an addition. However, he is not aware of the date the addition was built. Through aerial photographs of the Site, Blastek observed that the solarium/four seasons room was added to the original residential building between 2017 and 2019.

When asked about the barn west of the residential property, he mentioned that he is not aware of its past uses, but mentioned it looks like animals were kept there. He mentioned that the blue workshop on the north side of the Property also looked like it was for animals. He is not aware of the date of the chimney located in the blue workshop. Dr. Abdulla mentioned the Site has always been used as a residential building.

Based on the interview with Dr. Abdulla, one on-site PCA was identified:

- PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks, was identified to be associated with the previous fuel oil heating on-site and the storage of fuel in USTs, contributing to an APEC.

6.0 SITE RECONNAISSANCE

A Site reconnaissance visit was conducted on March 14, 2024 between the hours of 5:00 pm and 6:30 pm by Mr. by Shakur Abdi, Arch.T., B.Sc., EP with the help of Omar Abdelkarim, EIT and Marc Orfali, EIT under the supervision of Nizar Zyoud, P.Eng., QP_{ESA}. The site reconnaissance included a visual inspection of all structures and the ground surface of the Property. The following section is a summary of information relating to APECs.

The Site reconnaissance involved a visual assessment of the Phase One Property for the purpose of identifying PCAs, and associated APECs. Photographs of the Phase One Property were taken at the time of the Site Reconnaissance and have been included under Appendix G. Descriptions are provided below each photograph.

6.1 General Requirements

The Site investigation was conducted by Blastek representatives on March 14th, 2024 at 5:00 pm. The weather was overcast with a temperature of approximately 5 degrees Celsius. The investigation lasted approximately one hour and a half (1.5). The investigation was conducted by Shakur Abdi, Arch.T., B.Sc., EP with the help of Omar Abdelkarim, EIT and Marc Orfali, EIT.

A visual site inspection was conducted and written, and photographic records were made. The site visit included an observation of the Property and Phase One Study Area from public access roads. The layout of the Property at the time of the site visit is presented in Appendix A - Figure 1. Photographs of the Property and accompanying descriptions are presented in Appendix G.

6.1.1 Current Site Operations

The existing Site buildings are not currently occupied and are abandoned. It appeared that the Site buildings were used for residential purposes and recently for commercial purposes in recent years. A domesticated cat and animal cages were noted in the barn in the back of the Property. Animal food was left outside on the deck at the time of the Site inspections.

Evidence of potentially adverse environmental impact to the Site from recent or former Site operations was noted by Blastek at the time of the Site Inspection including:

- The fuel storage tank vent on the south side of the existing residential building.
- A tote located adjacently north of the barn, unknown chemicals in totes.

Two PCAs were identified based on the Site operation:

- PCA #28 – Gasoline and Associated Products Storage in Fixed Tanks, was identified to be associated with the previously existing USTs, contributing to an APEC.
- PCA (Other) unknown chemicals stored in tote located in the western portion of the Property, contributing to an APEC.

Further descriptions of the recent and former on-Site operations are discussed in various relevant sections of this report.

6.1.2 Neighbouring Properties

The properties adjacent to the Site were visually inspected by Blastek for evidence of presenting significant actual or potential environmental liabilities to the Site. The inspection was conducted from the public's rights-of-way without physically accessing adjoining properties. For the purpose of this study, Manotick Main Street is considered to be the northwest-southeast axis. The Site is bordered by the following facilities or features:

Northwest: Single residential home located at 5576 Manotick Main street, followed by other residential properties located at 5574, 5568, 5566 and 5564 Manotick Main Street, followed by Currier Road, followed by commercial properties located at 5562, 5560, 5556 and 5552, followed by Beaverwood Road, followed by commercial buildings at 5550, 5548 and 5546 Manotick Main Street. On the north side of Manotick Main Street, a single home residential property located at 5573 Manotick Main Street, followed by an institutional building located at 5567 Manotick Main Street, followed by Currier Road, followed by an institutional building located at 5561 Manotick Main Street, followed by a commercial building located at 5559 Manotick Main Street, followed by a vacant land at 5557 Manotick Main Street, followed by a commercial building at 5551 Manotick Main Street, followed by O'Grady Street, followed by commercial properties located at 5549, 5547 and 5545 Manotick Main Street.

Northeast: Single home residential property at 5575 Manotick Main Street, next to a single home residential property at 5579 Manotick Main Street followed by a single home residential property at 5583 Manotick Main Street, followed by the Rideau

River, followed by a single home residential property at 5580 South River Drive, next to another single home residential property at 5584 South River Drive.

Southeast: A commercial property at 5582 Manotick Main Street, followed by a single home residential property at 5584 Manotick Main Street, followed by a commercial property at 5582 Manotick Main Street, followed by single home residential properties at 1153 and 1151 Gaddis Court, followed by single home residential properties at 5613 and 5614 Eastman Avenue.

Southwest: A commercial plaza located at 1160 Beaverwood Road, followed by Eastman Avenue, followed by a commercial property located at 5581 Leach Drive.

The Site and the surrounding properties are located in a mixture use of residential and commercial area of the City of Ottawa. Evidence of potential adverse environmental concerns to the subject Property from neighbouring land use was observed at the time of the Site inspection at:

- Pearl house Dining Lounge at 1160 Beaverwood Road and located adjacently southwest of the Site. 1160 Beaverwood Road is currently a commercial property and, based on the aerial photographs, was developed between 1980 and 1991.

6.2 Specific Observations at Phase One Property

The subject Site is developed with a two-storey residential building with a patio, and crawl space basement, an outdoor asphalt paved vehicle parking space, a two-storey barn and a single storey workshop building. The on-Site buildings footprint combined covers approximately 60% of the Site. The remainder of the Site consists of asphalt paved and brick interlocked paved access areas, and vegetative areas located in front and behind the existing buildings. The Site slopes downward towards the west and is approximately level with Manotick Main Street and the surrounding properties along Manotick Main Street.

General building exterior constructions materials consist of mixture of stone masonry and mortar, and PVC sidings; some exterior doors and windows consist of energy efficient PVC window frame with glazed glass and insulated aluminum doors and door frame, while some windows consist of wood framed single ply glass windows; and gable roof covered various layers of asphalt roof shingle. The roof was not accessed at the time of the Site inspections.

Based on aerial photographs, the roof of the residential building seems to have been renovated between 2002 and 2005. The color of the roof was white before 2002 and dark green after

2005. The sidings of the east facing side and around the second storey window on the west facing side of the residential building seem to have been renovated. The original sidings were white and are still present on the north and south sides of the residential building. The second storey windows located on the renovated siding seem to have been renovated as well.

6.2.1 Utility Services

Electricity is supplied to the Site by Hydro-Ottawa. Natural gas is supplied to the Site by Enbridge.

The Site building is currently heated and cooled by natural gas-fired forced air system provided by a natural gas fired HVAC unit that is located in the crawl space basement level of the residential building. Domestic hot water for the building is heated by an electric hot water heater located in the crawl space basement level of the residential building.

Potable water and sanitary sewer services are supplied to the Site by the municipal City of Ottawa system. No water supply wells, or septic systems were reported to exist on Site and no evidence of on-Site water supply wells or septic systems was noted during the Site inspection.

6.2.2 Underground Storage Tanks (USTs)

A vent pipe was observed by Blastek on the south side of the building during the Site inspection, suggesting the presence of current or former USTs. No USTs were found during the inspection. The presence of former or current USTs was not reported by the Site representative.

A request was submitted to ERIS by Blastek to search the Anderson's Storage Tanks (TANK), Transport Canada Fuel Storage Tanks (TCFT), and Variances for Abandonment of Underground Storage Tanks (VAR) databases for any records of storage tanks at the Site. The response received indicated that there were no records in their database indicating underground storage tanks were or currently are at the Property.

6.2.3 Aboveground Storage Tanks (ASTs)

No visual evidence suggesting the presence of current or former ASTs, was observed by Blastek during the Site Inspections. The presence of former or current ASTs was not reported by the Site representative.



A request was submitted to ERIS by Blastek to search the Anderson's Storage Tanks (TANK), Transport Canada Fuel Storage Tanks (TCFT), and Variances for Abandonment of Underground Storage Tanks (VAR) databases for any records of storage tanks at the Site. The response received indicated that there were no records in their database indicating aboveground storage tanks were or currently are at the Property.

6.2.4 Chemical Use and Storage

A tote was observed on the north side of the barn in the west portion of the Property during the Site inspection, suggesting the use and storage of chemicals. The current Property owner is not aware of the past uses of the tote and has not reported any chemical use or storage on the Property. No domestic cleaning products were observed within the Property during the Site inspection.

No industrial chemical use or storage within the Site building was reported to Blastek by the Property Owner.

6.2.5 Chemical Spills and Release

No significant oil or chemical staining was noted on the surfaces of the concrete slab floors, or on finished or landscaped surfaces exterior to the Site building. Oil staining was observed on the asphalt near the grease and fat storage bin to the west of the Site, suggesting the spillage of oil. No monitoring wells, distressed vegetation or abnormal odours, suggesting the presence of significant chemical or petroleum spills or releases, were noted at the time of the Site inspection.

No spills or chemical releases were reported to Blastek by the Property Owner.

6.2.6 Solid Waste / Recyclables

Solid waste generated at the Site includes general domestic waste and recyclable materials such as cardboard, paper and plastic. The solid waste and recyclable materials are stored in designated waste containers/bin until collection by specialised waste management companies for off-Site disposal and recycling, respectively.

No evidence of on-Site solid waste disposal was noted by Blastek at the time of the Site inspection.

6.2.7 Hazardous Materials

Based on Blastek's field observations, no hazardous material is currently generated on the Site. No visual evidence of hazardous material disposal at the Site was noted by Blastek representatives during the Site inspection.

6.2.8 Wastewater

Wastewater generated at the Site is domestic effluent. The domestic effluent is discharged into the municipal wastewater system. No visual evidence suggesting the presence of other wastewater production was observed during the Site inspection.

6.2.9 Floor / Trench Drains, Pits and Sumps

A sump pump was observed on the west side of the building, partly under the solarium, during the time of the Site inspection. The frequency and the extent of floor drain, clean-up is not known.

No other floor drains, pits or sumps were noted by Blastek representatives during the course of the Site inspection.

6.2.10 Stormwater

Stormwater at the Site is collected and/or discharged by direct infiltration into landscaped Site surfaces and by collection of precipitation from improved surfaces (asphalt surfaces, roofs, etc.) for subsequent discharge to the municipal wastewater system or storm sewer system.

No potential adverse environmental impacts to the Site identified with the on-Site storm sewer system were observed by Blastek representatives.

6.2.11 Asbestos Containing Materials (ACM)

Under the Hazardous Products Act, as of April 24, 1980, the use of asbestos was prohibited in most consumer products where dust particles are generated during normal use. Asbestos is considered a health hazard generally when asbestos fibres become airborne.

Friable types of ACM (pipe insulation, sprayed-on insulation, boiler wrap and ceiling tiles) may remain on Site and in use indefinitely, provided the ACM are adequately maintained, covered and prevented from being disturbed under normal use. Friable types of asbestos are more likely to become airborne as compared to non-friable types. Products containing non-friable ACM (floor tiles, asbestos cement tiling and piping) present a limited potential danger for airborne fibre release.

Evidence of ACM was noted during the Site inspection by Blastek representatives. Given the old year (1885) of the on-Site building construction and limited renovations to the on-Site building, Asbestos or Asbestos Containing building materials are expected to be present within the building. The white caulking around the base of the chimney of the main building may contain asbestos. The mortar between the bricks on the west side of the building may contain asbestos. The caulking around the window on the west side of the building may contain asbestos.

6.2.12 Polychlorinated Biphenyls (PCBs)

According to the Chlorobiphenyls Regulation, which is part of the Canadian Environmental Protection Act, the manufacturing, processing, using, selling, or importing of new equipment containing more than 50 ppm PCBs was prohibited as of July 1, 1980. Existing PCB-containing equipment (prior to 1977, and prior to 1980 for electrical transformers and capacitors) could remain in place within the context of the Regulation, although the dismantling and disposal of PCB-containing equipment are subject to the Regulation.

Based on Blastek's visual observations during the Site inspection and information obtained during the course of the study, no evidence of on-Site waste PCB storage or potential PCB-containing equipment was identified on-Site.

6.2.13 Chlorofluorocarbons (CFCs)

No equipment operated at the Site that potentially contain chlorofluorocarbons (ozone-depleting substances) were identified by Blastek during the Site inspection. Such equipment could be present inside the residential building, however Blastek did not have access to the inside of the residential building at the time of the inspection.

6.2.14 Urea Formaldehyde Foam Insulation (UFFI)

Urea formaldehyde foam insulation (UFFI) was introduced to the Canadian building industry in 1960 as a means of insulating enclosed or inaccessible cavities in building walls. It was typically made at a construction site from a mixture of urea formaldehyde resin, a foaming agent and compressed air. Most installations in Canada occurred between 1977 and December 17, 1980, when it was banned due to the possibility of long-term health risks to occupants of buildings insulated with UFFI.

The potential presence of urea formaldehyde foam insulation was noted during the Site inspection. The insulation inside the brick wall on the south side of the main building may be urea formaldehyde foam insulation.

6.2.15 Lead Based Paint

The amount of lead in interior paint has been regulated since 1976 through Health Canada's Hazardous Products Act. Based on the old year (1885) of site building construction lead based interior or exterior paint (>0.5% lead content) is anticipated. The white paint covering the brick wall on the west side of the main building may be lead based. Any demolition or renovation activities should take into account the potential presence of lead-containing paint.

6.2.16 Air Emissions

From observations made by Blastek during the Site inspection, there is no fixed-point air emission sources that may constitute a potential adverse environmental impact presently operated on Site.

6.2.17 Ionising Radiation

No evidence of ionising radiation sources was observed at the Site by Blastek representatives.

6.2.18 Radon

According to publicly available radon maps reviewed (2004, Carson, J M; Holman, P B; Ford, K L, Grant, J A; Shives, R B K; Airborne Gamma Ray Spectrometry Compilation Equivalent Uranium Ontario Map 4551; Geologic Survey of Ontario), the Site is located in a low radon gas emission area. The bedrock in the area is a limestone deposit and is believed to be at a depth of approximately 18m. The presence of potential radon is not interpreted to represent a significant potential adverse environmental concern for the subject Site.

6.2.19 Enhanced Investigation Property

This section is not applicable as the Phase One Property is not an enhanced investigation property.



6.3 Written Description of Investigation

One (1) Site investigation was conducted by Blastek representatives on March 14, 2024.

Blastek identified Quality Cleaners located at 1160 Beaverwood Road as a PCA outside the Phase One Property but inside the Phase One Study Area, contributing to an APEC on the Site.

Blastek identified two (2) PCAs located on the Site:

- PCA #28 Gasoline, diesel and associated products storage in fixed tanks. The fuel storage tank vent, suggesting a fuel tank was used in the past on the Property, contributing to an APEC.
- PCA # other unknown chemicals stored in a tote. The tote where chemicals could have been potentially stored and associated barn, contributing to an APEC.

The Phase One Property and all properties within the Phase One Study Area are serviced by a municipal drinking water system.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1.1 Current and Past Uses

Based on the interview with the Property Owner and the list of past owners of the Property provided to Blastek by the Property Owner, the Property has only been used as a residential property. According to information in the reviewed city directories, the Site was not listed in the city directories. No information about the past uses of the Property was available for the period between 1995 and 2022. Based on the interview with the Property Owner, the Property Owner mentioned that mobile furniture in the residential building suggested that a hairdresser or esthetic business was previously operating on the Property. However, no information was available to validate this statement. Based on the aerial photographs, the Property seems to remain a residential property for the period between 1936 and 2022. Based on the available fire insurance plan dating back to 1897, the Property's neighbouring area was developed with mostly residential properties. It can be assumed that the Phase One Property would have also been a residential property at that time.

The table below lists the current and past uses of the Property from the date of first developed use to the present.

Table 5: List of current and past uses of the Property

Year	Name of Owner	Description of Property Use	Property Use	Other Observations from Aerial Photographs, Fire Insurance Plans, etc.
1885-1886	Nadab Eastman	No description available	Residential use	No aerial photographs or fire insurance plan available
1886-1926	Eli Hicks (then Adam and John W. Hicks)	No description available	Residential use	No aerial photographs or fire insurance plan available
1926-1954	Wm. J. Hicks (life lease to Adam and John W. Hicks)	Single home residential property with barn	Residential use	
1954-1957	Jessie M. Hicks	Single home residential property with barn	Residential use	
1957-1977	Kenneth and Betty Goode	Single home residential property with barn	Residential use	
1977-1980	George and Lynne M. Pancy	Single home residential property with barn	Residential use	
1980-1982	Robert and Susan Ashley	Single home residential property with barn	Residential use	



1982-1995	Judith M. Holt	Single home residential property with barn	Residential use	
1995	Donna Wright	Single home residential property with barn	Residential use	
1996-October 2022	Unknown owner(s)	Single home residential property with barn	Residential use	The roof was altered and the sunroof/four seasons room was added to the residential property.
October 2022-present	Dr. Alykhan Abdulla	Vacant single home residential property with barn and workshop	Residential use	

7.1.2 Potentially Contaminating Activities

According to Table 2, Schedule D, O. Reg. 153/04 as amended, potentially contaminating activities are activities that may be contributing to areas of potential environmental concern on the Phase One Property. The PCAs identified on the Phase One Property and within the Phase One Study Area are summarized in the table below and are illustrated on Appendix A - Figure 2.

Table 6: PCAs identified on, in or under the Phase One Property

PCA ID No.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Description	Contributing to APEC (Yes/No)
PCA-1	#28—Gasoline and associated products storage in fixed tanks	A fuel storage tank vent pipe in the basement suggests a fuel oil furnace used for heating and a fuel tank could have been present on the Property. Based on Site reconnaissance.	Yes
PCA-2	(Other), no detailed information provided. May include inorganic chemicals, petroleum hydrocarbons, metals, waste oils.	Unknown chemical manufacturing, processing and bulk storage: The tote on the north side of the barn could have been used to store chemicals. Based on Site reconnaissance.	Yes

Table 7: PCAs identified in the Phase One Study Area

PCA ID No.	PCA Description (Per. Table 2, Schedule D of O.Reg. 153/04)	Location	Description	Contributing to APEC (Yes/No)
PCA-3	#37 Operation of Dry Cleaning Equipment (where chemicals are used)	1160 Beaverwood Road	Quality Cleaners, dry cleaner located to the northwest of the Site at 150 m.	Yes
PCA-4	#28 – Gasoline and Associated Products Storage in Fixed Tanks	1160D Beaverwood Road	Listed in the Fuel Oil Spills and Leaks database with a hit to a service riser distribution pipeline. Located at approximately 150 m west of the Site	Yes
PCA-5	#28 – Gasoline and Associated Products Storage in Fixed Tanks	5561 Main Street	Listed in the Ontario Spill database with a furnace oil spill in 1996 earth basement floor. Located at approximately 135 m north-west of the Site	Yes
PCA-6	#37 Operation of Dry Cleaning Equipment (where chemicals are used)	Area to the northwest of the Site	Based on a review of the previous environmental reports for the Phase One Property, elevated concentration of chlorinated volatile organic compounds was detected in the groundwater.	Yes

7.1.3 Areas of Potential Environmental Concern

Blastek noted four (4) APECs on the Phase One Property. The APECs are listed in the table below and are illustrated in Appendix A – Figure 3.

Table 8: List of Areas of Potential Environmental Concern

APEC No.	Location of APEC on Phase One Property	PCA	Location of PCA (on-site or off-site)	Contaminants of Potential Concern	Media Potentially Impacted (Ground water, soil and/or sediment)
APEC-1	The south portion of the Property (basement footprint)	28. Gasoline and Associated Products Storage in Fixed Tanks	On-Site (PCA-1)	PHCs, BTEX, Metals	Soil and Groundwater
APEC-2	Western portion of the Property	(Other) Chemical manufacturing, processing and bulk storage	On-Site (PCA-2)	VOCs, PHCs, BTEX, PAHs	Soil and Groundwater
APEC-3	Entire property	37. Operation of Dry Cleaning Equipment (where chemicals are used)	Off-Site (PCA-3 and PCA-6)	VOCs	Soil and Groundwater
APEC-4	Western portion of the Property	28. Gasoline and Associated Products Storage in Fixed Tanks	Off-Site (PCA-4 and PCA-5)	PHCs, BTEX, Metals	Soil and Groundwater



The steel pipe protruding from the paved asphalt surface was identified as an APEC. Given the age of the residential building (constructed in 1885), the steel pipe may have been part of a fuel heating system, likely serving as a vent for the fuel storage tank. The use of a fuel tank heating system on the property could have led to contamination during fuel transfer or accidental spills. The COPCs in this area include petroleum hydrocarbons (PHCs), polycyclic aromatic hydrocarbons (PAHs), and benzene, toluene, ethylbenzene, and xylene (BTEX).

The tote and associated barn were also identified as APECs due to the lack of information regarding their past uses. The COPCs for this APEC include volatile organic compounds (VOCs), PHCs, BTEX, and PAHs.

7.1.4 Phase One Conceptual Site Model

The Phase One Property and Phase One Study Area are shown in Appendix A - Figure 1. The Property covers an area of approximately 1035 m², 0.1 hectares (approximately 0.256 acres) and is currently unoccupied, consists of one two-storey building, a barn and a workshop. The Property is bounded by Manotick Main Street followed by residential properties to the east, by residential properties to the south and north and a commercial property to the west. Blastek identified six (6) PCAs within the Phase One Study Area, for which are considered to be contributing to four (4) APECs on, in or under the Phase One Property.



8.0 CONCLUSION

Blastek conducted a Phase One ESA for the property located at 5580 Manotick Main Street, Ottawa, Ontario. The Phase One ESA was completed to satisfy the intent of the requirements, methodology and practices for a Phase One ESA as described in Ontario Regulation 153/04 (as amended). The objectives of the Phase One ESA were to identify the presence or absence of potentially contaminating activities on the Phase One Study Area, contributing to areas of potential environmental concerns on the Phase One Property. Based on the Phase One ESA including the Site inspection, documents reviewed, and the review of Site history and information provided by regulatory agencies and pending full receipt and review of information from the Ontario Ministry of the Environment, Conservation and Parks (MECP) and the City of Ottawa, the following comments are offered.

8.1.1 Phase Two Environmental Site Assessment Requirement

Based upon the review and evaluation of the information gathered from the Phase One ESA, further investigation in the form of a Phase Two ESA will be required in order to meet the requirements of O.Reg.153/04 (as amended).

8.1.2 Signatures

Prepared by:	Review by:
	
Marc Orfali, EIT.	Dr. Nizar Zyoud Ph.D., P.Eng.
Project Coordinator	Hydrogeologist

9.0 LIMITATION OF INVESTIGATION

The conclusions are presented based upon the readily available public information within the time frame of this mandate by trained professionals, following a prescribed and recognised assessment procedure.

This report is not intended to address, or provide comment on the presence, or absence of organic growth organisms commonly referred to as mould, through statements, inferences or omissions.

The report is prepared for the use of the Client and his named representatives in making an informed financial and business decision regarding environmental liabilities that may be associated with the Site. The use of this report for any other purpose is at the Client's own risk.

The Client must understand that changing circumstances in the physical or regulatory environment, the administration and use of the Site, as well as changes in any substances stored, used, or disposed of at the Site, could significantly alter the conclusions and information contained in this report. Therefore, it is important that the Client periodically re-evaluates the Site and reviews developments or operations, which may potentially impact the Site.

10.0 REFERENCES

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<https://www.lioapplications.lrc.gov.on.ca/SourceWaterProtection/index.html?viewer=SourceWaterProtection.SWPViewer&locale=en-CA>

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STATEMENT OF LIMITATIONS AND CONDITIONS

This Report has been prepared in accordance with generally accepted engineering or environmental consulting practices in the applicable jurisdiction. No other warranty, expressed or implied, is intended or made.

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Actual conditions may vary significantly between the points investigated and the Client and all other persons making use of such documents or records with our express written consent should be aware of this risk and the Report is delivered subject to the express condition that such risk is accepted by the Client and such other persons. Some conditions are subject to change over time and those making use of the Report should be aware of this possibility and understand that the Report only presents the conditions at the sampled points at the time of sampling. If special concerns exist, or the Client has special considerations or requirements, the Client should disclose them so that additional or special investigations may be undertaken which would not otherwise be within the scope of investigations made for the purposes of the Report.

Reliance on Provided Information: The evaluation and conclusions contained in the Report have been prepared based on conditions in evidence at the time of site inspections and based on information provided to BLASTEK. BLASTEK has relied in good faith upon representations, information and instructions provided by the Client and others concerning the site. Accordingly, BLASTEK does not accept responsibility for any deficiency, misstatement or inaccuracy contained in the Report as a result of misstatements, omissions, misrepresentations, or fraudulent acts of the Client or other persons providing information relied on by BLASTEK. BLASTEK is entitled to rely on such representations, information and instructions and is not required to carry out investigations to determine the truth or accuracy of such representations, information, and instructions.

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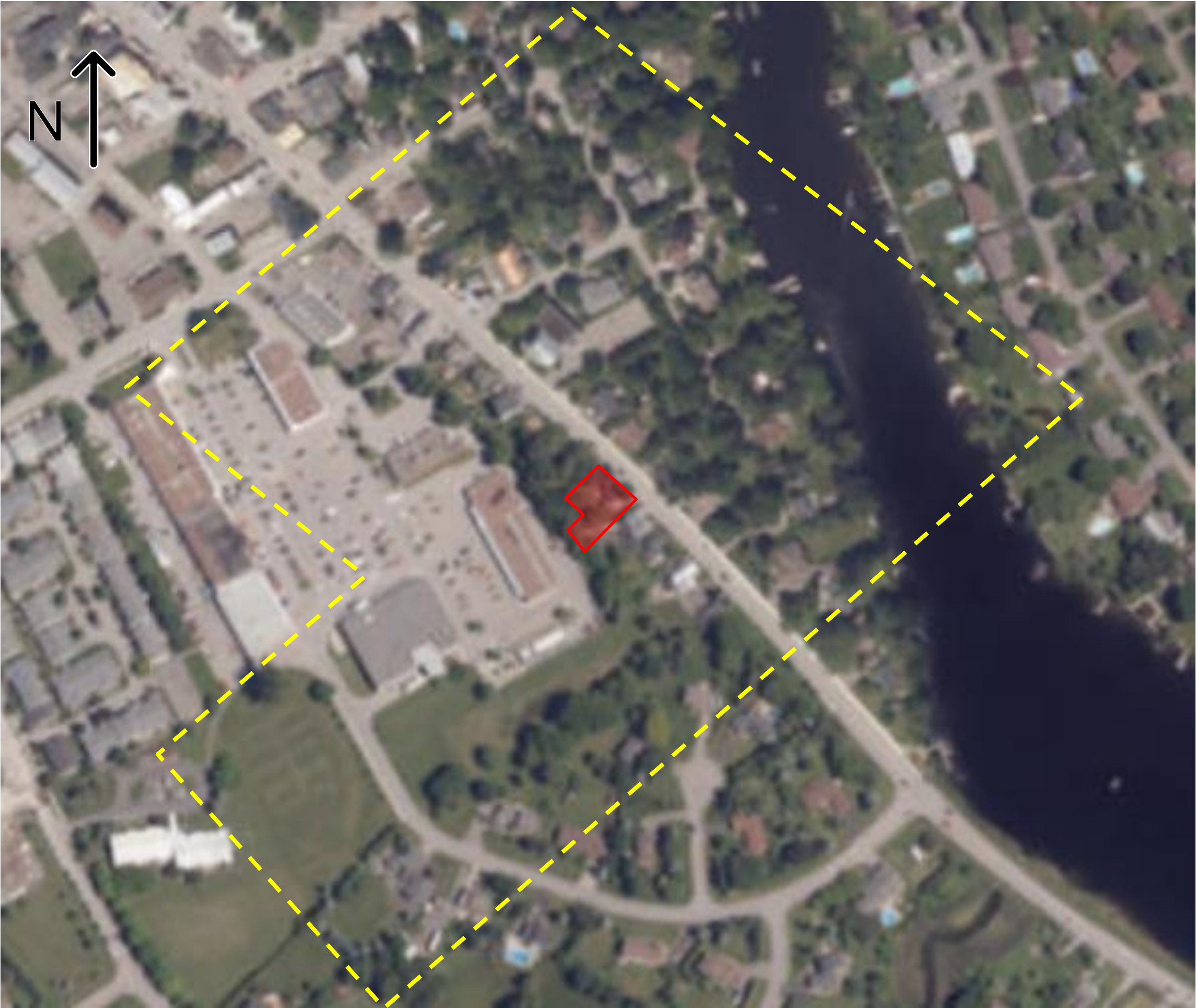
Appendix A

Figure 1 – Site Location Plan

Figure 2 – Potentially Contaminating Activities

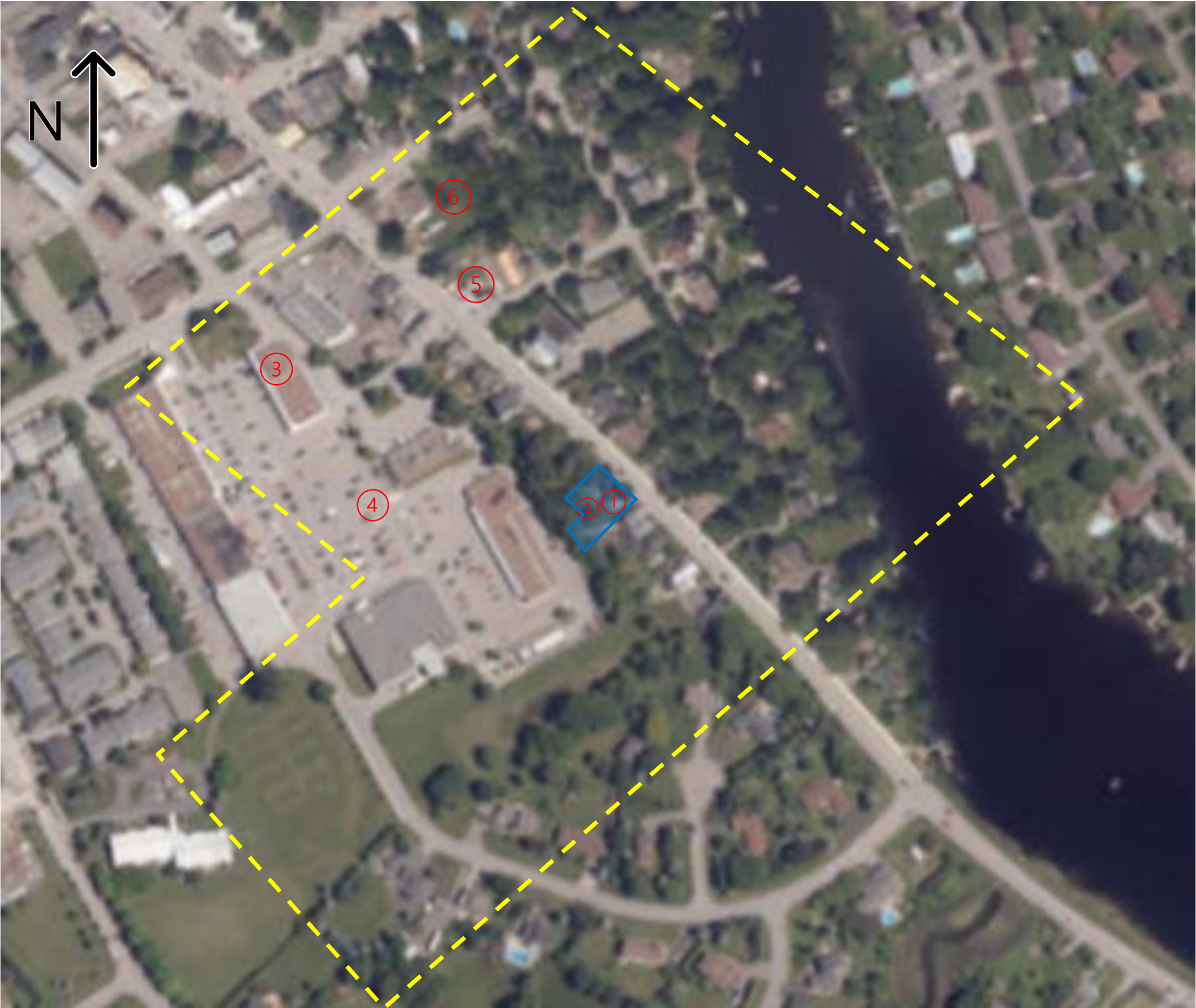
Figure 3 – Areas of Potential Environmental Concern

Figure 4 – Topographic Map











- Legend**
- Phase One Property
 - Phase One Study Area

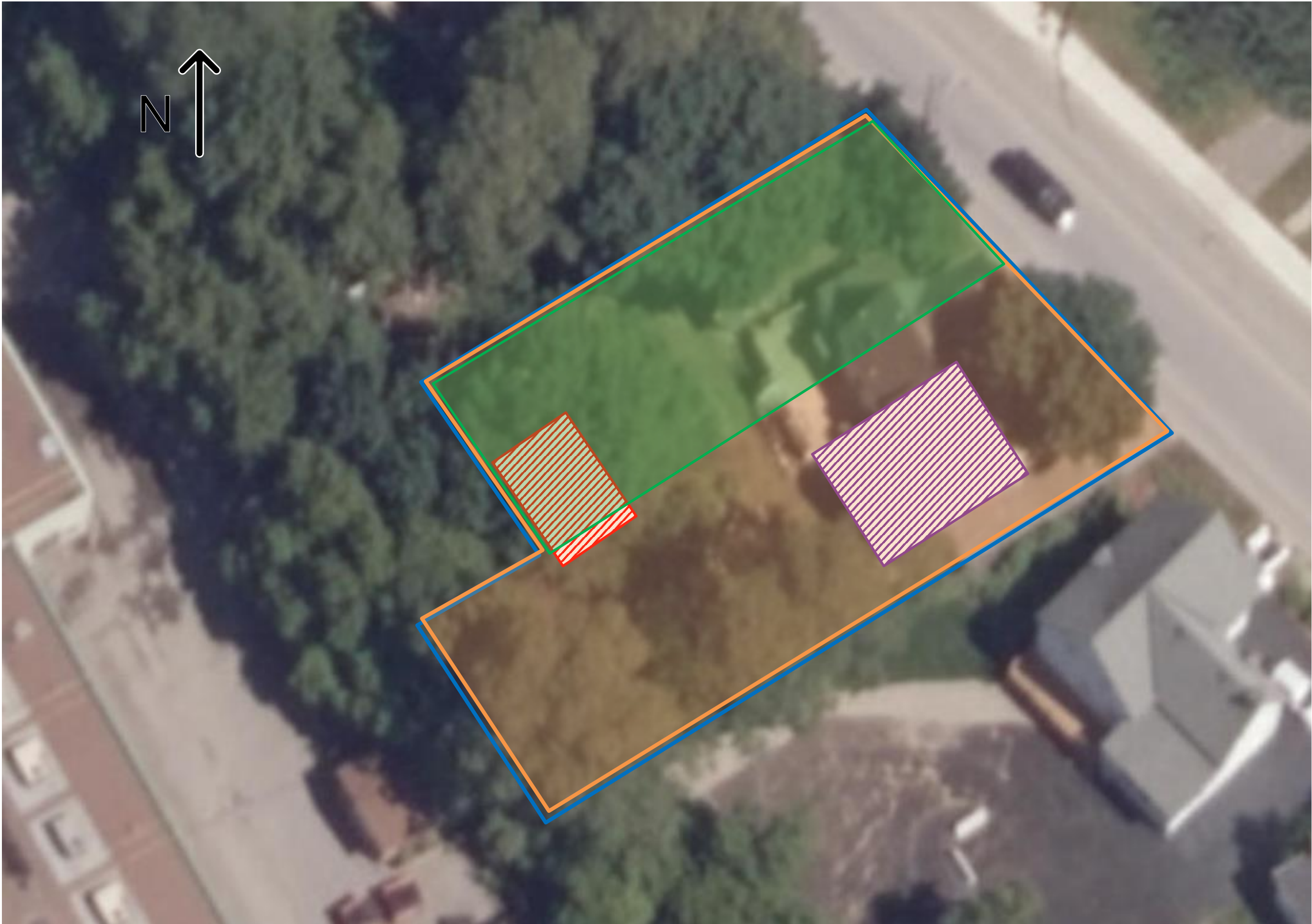
0	10/06/2024		
Revision	Date	Issue	Approval
Client			
Ignite Architecture Inc.			
Site			
5580 Manotick Main Street, Ottawa, Ontario			
ReportTitle			
Phase One Environmental Site Assessment			
DrawingTitle			
Site Location Pan			
Designed By		Scale	
M.O		N/A	
Drawn By		Date	
M.O		10/06/2024	
Approved By		Project No.	
S.A		B040007	
Figure No.			








Legend

-  Phase One Property
-  Phase One Study Area
-  Gasoline and Associated Products Storage in Fixed Tanks
-  Unknown chemical manufacturing, processing and bulk storage
-   Operation of Dry Cleaning Equipment (where chemicals are used)
-   Gasoline and Associated Products Storage in Fixed Tanks

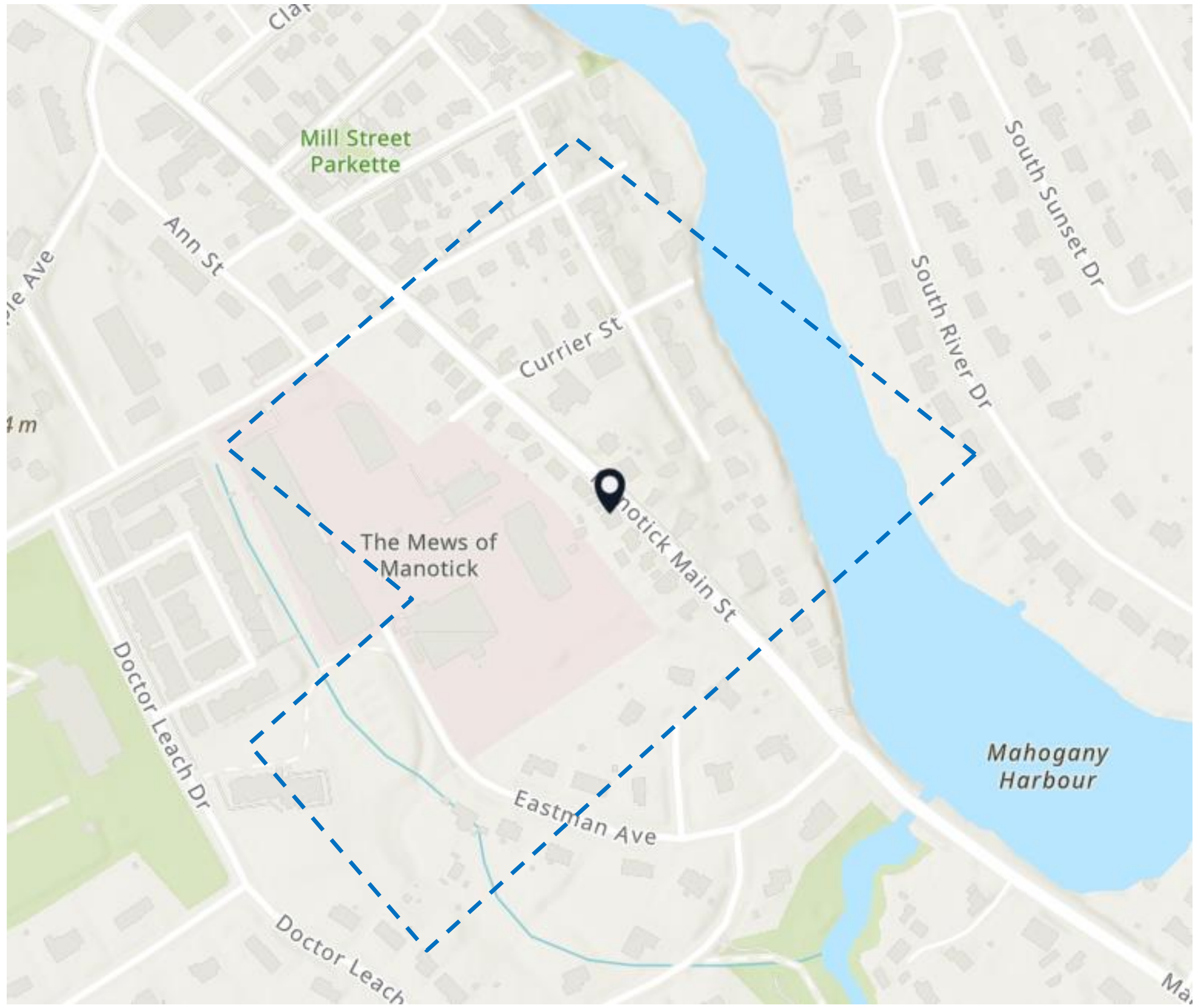
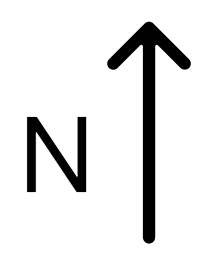
0	10/06/2024		
Revision	Date	Issue	Approval
Client	Ignite Architecture Inc.		
Site	5580 Manotick Main Street, Ottawa, Ontario		
ReportTitle	Phase One Environmental Site Assessment		
DrawingTitle	Potentially Contaminating Activities		
Designed By	M.O	Scale	N/A
Drawn By	M.O	Date	10/06/2024
Approved By	S.A	Project No.	B040007
Figure No.	2		





Legend

-  Phase One Property
-  APEC 1
-  APEC 2
-  APEC 3
-  APEC 4

0	10/06/2024		
Revision	Date	Issue	Approval
Client			
Ignite Architecture Inc.			
Site			
5580 Manotick Main Street, Ottawa, Ontario			
ReportTitle			
Phase One Environmental Site Assessment			
DrawingTitle			
Areas of Potential Environmental Concern			
Designed By		Scale	
M.O		N/A	
Drawn By		Date	
M.O		10/06/2024	
Approved By		Project No.	
S.A		B040007	
Figure No.			



- Legend**
-  Phase One Study Area
 -  Phase One Property Location

0	10/06/2024		
Revision	Date	Issue	Approval
Client Ignite Architecture Inc.			
Site 5580 Manotick Main Street, Ottawa, Ontario			
ReportTitle Phase One Environmental Site Assessment			
DrawingTitle Topographic Map			
Designed By M.O		Scale N/A	
Drawn By M.O		Date 10/06/2024	
Approved By S.A		Project No. B040007	
Figure No.			



Appendix B

ERIS Database Report



DATABASE REPORT

Project Property:	<i>5580 Manotick Main Street Phase I ESA 5580 Manotick Main Street Ottawa ON K4M 1E2</i>
Project No:	<i>B040007</i>
Report Type:	<i>Standard Report</i>
Order No:	<i>24031200166</i>
Requested by:	<i>Blastek Engineering Group</i>
Date Completed:	<i>March 12, 2024</i>

Environmental Risk Information Services

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Table of Contents

Table of Contents.....	2
Executive Summary.....	3
Executive Summary: Report Summary.....	4
Executive Summary: Site Report Summary - Project Property.....	7
Executive Summary: Site Report Summary - Surrounding Properties.....	8
Executive Summary: Summary By Data Source.....	19
Map.....	32
Aerial.....	33
Topographic Map.....	34
Detail Report.....	35
Unplottable Summary.....	253
Unplottable Report.....	254
Appendix: Database Descriptions.....	260
Definitions.....	270

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Executive Summary

Property Information:

Project Property: 5580 Manotick Main Street Phase I ESA
5580 Manotick Main Street Ottawa ON K4M 1E2

Project No: B040007

Coordinates:

Latitude: 45.2233213
Longitude: -75.6815436
UTM Northing: 5,007,984.96
UTM Easting: 446,493.02
UTM Zone: 18T

Elevation: 311 FT
94.89 M

Order Information:

Order No: 24031200166
Date Requested: March 12, 2024
Requested by: Blastek Engineering Group
Report Type: Standard Report

Historical/Products:

ERIS Xplorer [ERIS Xplorer](#)

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	<i>Abandoned Aggregate Inventory</i>	Y	0	0	0
AGR	<i>Aggregate Inventory</i>	Y	0	0	0
AMIS	<i>Abandoned Mine Information System</i>	Y	0	0	0
ANDR	<i>Anderson's Waste Disposal Sites</i>	Y	0	0	0
AST	<i>Aboveground Storage Tanks</i>	Y	0	0	0
AUWR	<i>Automobile Wrecking & Supplies</i>	Y	0	0	0
BORE	<i>Borehole</i>	Y	0	2	2
CA	<i>Certificates of Approval</i>	Y	0	0	0
CDRY	<i>Dry Cleaning Facilities</i>	Y	0	2	2
CFOT	<i>Commercial Fuel Oil Tanks</i>	Y	0	0	0
CHEM	<i>Chemical Manufacturers and Distributors</i>	Y	0	0	0
CHM	<i>Chemical Register</i>	Y	0	0	0
CNG	<i>Compressed Natural Gas Stations</i>	Y	0	0	0
COAL	<i>Inventory of Coal Gasification Plants and Coal Tar Sites</i>	Y	0	0	0
CONV	<i>Compliance and Convictions</i>	Y	0	0	0
CPU	<i>Certificates of Property Use</i>	Y	0	0	0
DRL	<i>Drill Hole Database</i>	Y	0	0	0
DTNK	<i>Delisted Fuel Tanks</i>	Y	0	0	0
EASR	<i>Environmental Activity and Sector Registry</i>	Y	0	0	0
EBR	<i>Environmental Registry</i>	Y	0	0	0
ECA	<i>Environmental Compliance Approval</i>	Y	0	0	0
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	14	14
EIIS	<i>Environmental Issues Inventory System</i>	Y	0	0	0
EMHE	<i>Emergency Management Historical Event</i>	Y	0	0	0
EPAR	<i>Environmental Penalty Annual Report</i>	Y	0	0	0
EXP	<i>List of Expired Fuels Safety Facilities</i>	Y	0	2	2
FCON	<i>Federal Convictions</i>	Y	0	0	0
FCS	<i>Contaminated Sites on Federal Land</i>	Y	0	0	0
FOFT	<i>Fisheries & Oceans Fuel Tanks</i>	Y	0	0	0
FRST	<i>Federal Identification Registry for Storage Tank Systems (FIRSTS)</i>	Y	0	0	0
FST	<i>Fuel Storage Tank</i>	Y	0	0	0
FSTH	<i>Fuel Storage Tank - Historic</i>	Y	0	2	2
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	28	28
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	0	0
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	2	2
LIMO	<i>Landfill Inventory Management Ontario</i>	Y	0	0	0
MINE	<i>Canadian Mine Locations</i>	Y	0	0	0
MNR	<i>Mineral Occurrences</i>	Y	0	0	0
NATE	<i>National Analysis of Trends in Emergencies System (NATES)</i>	Y	0	0	0
NCPL	<i>Non-Compliance Reports</i>	Y	0	0	0
NDFT	<i>National Defense & Canadian Forces Fuel Tanks</i>	Y	0	0	0
NDSP	<i>National Defense & Canadian Forces Spills</i>	Y	0	0	0
NDWD	<i>National Defence & Canadian Forces Waste Disposal Sites</i>	Y	0	0	0
NEBI	<i>National Energy Board Pipeline Incidents</i>	Y	0	0	0
NEBP	<i>National Energy Board Wells</i>	Y	0	0	0
NEES	<i>National Environmental Emergencies System (NEES)</i>	Y	0	0	0
NPCB	<i>National PCB Inventory</i>	Y	0	0	0
NPR2	<i>National Pollutant Release Inventory 1993-2020</i>	Y	0	0	0
NPRI	<i>National Pollutant Release Inventory - Historic</i>	Y	0	0	0
OGWE	<i>Oil and Gas Wells</i>	Y	0	0	0
OOGW	<i>Ontario Oil and Gas Wells</i>	Y	0	0	0
OPCB	<i>Inventory of PCB Storage Sites</i>	Y	0	0	0
ORD	<i>Orders</i>	Y	0	0	0
PAP	<i>Canadian Pulp and Paper</i>	Y	0	0	0
PCFT	<i>Parks Canada Fuel Storage Tanks</i>	Y	0	0	0
PES	<i>Pesticide Register</i>	Y	0	13	13
PFCH	<i>NPRI Reporters - PFAS Substances</i>	Y	0	0	0
PFHA	<i>Potential PFAS Handlers from NPRI</i>	Y	0	0	0
PINC	<i>Pipeline Incidents</i>	Y	0	4	4
PRT	<i>Private and Retail Fuel Storage Tanks</i>	Y	0	0	0
PTTW	<i>Permit to Take Water</i>	Y	0	0	0
REC	<i>Ontario Regulation 347 Waste Receivers Summary</i>	Y	0	0	0
RSC	<i>Record of Site Condition</i>	Y	0	0	0
RST	<i>Retail Fuel Storage Tanks</i>	Y	0	0	0
SCT	<i>Scott's Manufacturing Directory</i>	Y	0	1	1
SPL	<i>Ontario Spills</i>	Y	0	4	4
SRDS	<i>Wastewater Discharger Registration Database</i>	Y	0	0	0
TANK	<i>Anderson's Storage Tanks</i>	Y	0	0	0
TCFT	<i>Transport Canada Fuel Storage Tanks</i>	Y	0	0	0
VAR	<i>Variances for Abandonment of Underground Storage Tanks</i>	Y	0	0	0
WDS	<i>Waste Disposal Sites - MOE CA Inventory</i>	Y	0	0	0
WDSH	<i>Waste Disposal Sites - MOE 1991 Historical Approval Inventory</i>	Y	0	0	0
WWIS	<i>Water Well Information System</i>	Y	0	59	59

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
		<hr/>			
		<i>Total:</i>	0	133	133

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev diff (m)</i>	<i>Page Number</i>
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No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		lot 3 ON Well ID: 1506493	WNW/14.1	0.07	35
2	EHS		5582 Manotick Main Street Manotick ON K4M 1E2	SE/22.8	0.07	37
2	EHS		5582 Manotick Main Street Manotick ON K4M 1E2	SE/22.8	0.07	38
2	EHS		5582 Manotick Main Street Manotick ON K4M 1E2	SE/22.8	0.07	38
2	EHS		5582 Manotick Main Street Manotick ON K4M 1E2	SE/22.8	0.07	38
3	WWIS		lot 3 ON Well ID: 1516567	SE/29.0	0.07	38
4	WWIS		lot 3 ON Well ID: 1506492	NE/31.7	-1.01	41
5	WWIS		lot 3 ON Well ID: 1511311	SE/37.5	-0.01	44
6	WWIS		lot 3 ON Well ID: 1506490	NNE/41.1	-2.37	47
7	SCT	RIDEAU AWNINGS	5573 MAIN ST MANOTICK ON K4M 1A7	NNW/43.8	0.01	50
8	WWIS		lot 3 ON Well ID: 1506598	W/47.9	-2.37	50
9	WWIS		lot 3 ON	E/57.9	-3.89	54

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1516571			
10	GEN	QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	W/65.9	-3.70	58
10	PES	ROBINSON'S FOODMARKETS INC	1160 BEAVERWOOD RD BOX 517 MANOTICK ON K4M1A5	W/65.9	-3.70	58
10	PES	ROBINSON'S FOODMARKETS INC	1160 BEAVERWOOD RD MANOTICK ON K4M1A5	W/65.9	-3.70	58
10	GEN	QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON	W/65.9	-3.70	59
10	GEN	QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON	W/65.9	-3.70	59
10	GEN	Caremedics Manotick Inc	1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	W/65.9	-3.70	59
10	SPL	Parson Refrigeration (1985) Ltd.	1160 Beaverwood Rd, Manotick Ottawa ON	W/65.9	-3.70	60
10	GEN	Caremedics Manotick Inc	1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	W/65.9	-3.70	61
10	GEN	Caremedics Manotick Inc	1160 Beaverwood Road, Unit 2 Manotick ON	W/65.9	-3.70	61
10	GEN	QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON	W/65.9	-3.70	61
10	PES	ROBINSON'S FOODMARKETS INC	1160 BEAVERWOOD RD MANOTICK ON K4M1A5	W/65.9	-3.70	62
10	GEN	Caremedics Manotick Inc.	1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	W/65.9	-3.70	62
10	GEN	Rexall Pharmacy Group Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	W/65.9	-3.70	62

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>10</u>	GEN	QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	W/65.9	-3.70	<u>63</u>
<u>10</u>	GEN	QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	W/65.9	-3.70	<u>63</u>
<u>10</u>	GEN	Pharmx Rexall Drug Stores Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	W/65.9	-3.70	<u>63</u>
<u>10</u>	GEN	Caremedics Manotick Inc	1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	W/65.9	-3.70	<u>64</u>
<u>10</u>	GEN	QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	W/65.9	-3.70	<u>64</u>
<u>10</u>	GEN	Caremedics Manotick Inc	1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	W/65.9	-3.70	<u>64</u>
<u>10</u>	GEN	Pharmx Rexall Drug Stores Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	W/65.9	-3.70	<u>65</u>
<u>10</u>	GEN	Rexall Pharmacy Group Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	W/65.9	-3.70	<u>65</u>
<u>10</u>	GEN	Caremedics Manotick Inc.	1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	W/65.9	-3.70	<u>66</u>
<u>10</u>	GEN	QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	W/65.9	-3.70	<u>66</u>
<u>10</u>	PES	LOBLAWS INC. O/A MANOTICK YOUR INDEPENDENT GROCER	1160 BEAVERWOOD RD MANOTICK ON K4M1A5	W/65.9	-3.70	<u>66</u>
<u>10</u>	CDRY	Quality Cleaners	1160 Beaverwood Rd Manotick ON K4M1A2	W/65.9	-3.70	<u>67</u>
<u>10</u>	CDRY	Quality Cleaners	1160 Beaverwood Rd Manotick ON K4M1A2	W/65.9	-3.70	<u>68</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>10</u>	PES	ROBINSON'S FOODMARKETS INC	1160 BEAVERWOOD RD MANOTICK ON K4M1A5	W/65.9	-3.70	<u>69</u>
<u>10</u>	PES	2626693 ONTARIO INC. O/A MCDONOUGH'S YOUR INDEPENDENT GROCER	1160 BEAVERWOOD RD. MANOTICK ON	W/65.9	-3.70	<u>69</u>
<u>10</u>	GEN	Rexall Pharmacy Group Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	W/65.9	-3.70	<u>69</u>
<u>10</u>	GEN	Caremedics Manotick Inc.	1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	W/65.9	-3.70	<u>70</u>
<u>10</u>	GEN	QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	W/65.9	-3.70	<u>70</u>
<u>10</u>	GEN	Caremedics Manotick Inc.	1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	W/65.9	-3.70	<u>71</u>
<u>10</u>	GEN	Rexall Pharmacy Group Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	W/65.9	-3.70	<u>71</u>
<u>10</u>	GEN	QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	W/65.9	-3.70	<u>71</u>
<u>10</u>	GEN	Rexall Pharmacy Group Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	W/65.9	-3.70	<u>72</u>
<u>10</u>	GEN	Caremedics Manotick Inc.	1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	W/65.9	-3.70	<u>72</u>
<u>10</u>	PES		1160 BEAVERWOOD RD MANOTICK ON K4M 1A5	W/65.9	-3.70	<u>72</u>
<u>10</u>	GEN	Quality Cleaners	1160 Beaverwood Rd Manotick ON K4M1A2	W/65.9	-3.70	<u>73</u>
<u>10</u>	EHS		1160 Beaverwood Road Ottawa ON	W/65.9	-3.70	<u>73</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>10</u>	EHS		1160 Beaverwood Road Ottawa ON	W/65.9	-3.70	<u>73</u>
<u>10</u>	EHS		1160 Beaverwood Road Ottawa ON	W/65.9	-3.70	<u>74</u>
<u>11</u>	BORE		ON	SE/73.6	-1.37	<u>74</u>
<u>12</u>	WWIS		lot 2 con A ON Well ID: 1514616	NE/81.1	-6.48	<u>75</u>
<u>13</u>	WWIS		lot 3 ON Well ID: 1506485	SE/97.0	-2.57	<u>79</u>
<u>14</u>	WWIS		lot 3 ON Well ID: 1518957	ENE/123.3	-10.61	<u>82</u>
<u>15</u>	WWIS		lot 3 ON Well ID: 1506491	ESE/134.9	-3.93	<u>85</u>
<u>16</u>	SPL	PRIVATE RESIDENCE	5561 MAIN STREET, MANOTICK FURNACE OIL TANK RIDEAU TOWNSHIP ON	NW/135.1	-0.06	<u>88</u>
<u>17</u>	WWIS		lot 3 ON Well ID: 1506486	ESE/138.3	-10.03	<u>89</u>
<u>18</u>	EHS		5562 Manotick Main Street Ottawa ON	WNW/144.7	-2.01	<u>91</u>
<u>19</u>	WWIS		lot 2 ON Well ID: 1512080	N/147.5	-0.40	<u>92</u>
<u>20</u>	WWIS		lot 3 ON Well ID: 1506488	E/148.3	-11.01	<u>95</u>
<u>21</u>	WWIS		lot 3 ON	NW/150.0	0.19	<u>98</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1517784			
22	EHS		5560 Manotick Main Street Manotick ON K4M	WNW/150.5	-2.01	102
22	EHS		5560 Manotick Main Street Manotick ON K4M	WNW/150.5	-2.01	102
22	EHS		5560 Manotick Main Street Manotick ON K4M	WNW/150.5	-2.01	102
23	INC		1160D Beaverwood Drive, Manotick ON	W/152.1	-6.07	102
24	WWIS		lot 2 con A ON Well ID: 1514263	N/158.3	-1.27	103
25	WWIS		5562 MANOTICK MAIN STREET lot 2 con A MANOTICK ON Well ID: 7165034	WNW/161.9	-4.20	106
26	EHS		5557 Manotick Main St Ottawa ON K4M1L6	NW/172.2	0.12	110
27	WWIS		lot 2 ON Well ID: 1514484	WNW/185.3	-3.65	110
28	INC		5557 DICKINSON STREET, MANOTICK ON	N/188.6	-7.01	114
29	EHS		5552 Manotick Main Street Manotick ON K4M	WNW/190.1	-3.65	114
30	WWIS		lot 2 con A ON Well ID: 7386051	NW/192.5	-2.31	115
31	WWIS		lot 2 ON Well ID: 1506480	NNW/194.1	0.25	115
32	WWIS		lot 2 con A ON	NW/195.8	-1.01	118

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 7386187			
33	SPL	Enbridge Gas Distribution Inc.	1130 O'Grady St, Manotick Ottawa ON	NNW/198.3	0.07	119
33	PINC	WHITESTONE DESIGN BUILD	1130 O'GRADY ST,,MANOTICK,ON,,CA ON	NNW/198.3	0.07	120
34	WWIS		lot 2 ON Well ID: 1506460	NNE/199.2	-9.45	120
35	WWIS		lot 2 ON Well ID: 1506473	WNW/201.1	-3.40	123
36	PINC		1161 Gaddis Court, Manotick ON	S/205.8	-4.32	126
37	WWIS		lot 2 ON Well ID: 1506482	NNW/206.4	-1.01	126
38	WWIS		lot 2 ON Well ID: 1506462	N/207.2	-5.38	129
39	WWIS		lot 2 ON Well ID: 1509857	N/207.8	-7.01	132
39	WWIS		lot 2 con A ON Well ID: 1511031	N/207.8	-7.01	135
40	WWIS		lot 2 con A ON Well ID: 7386232	NW/208.5	-1.51	138
41	WWIS		lot 2 ON Well ID: 1514320	NNE/213.0	-9.45	139
42	PES	MANOTICK HARDWARE LIMITED	1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M1A8	W/221.4	-6.01	143
42	PINC		1166 EASTMAN AVENUE, MANOTICK ON	W/221.4	-6.01	143

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
42	PES	MANOTICK HARDWARE LIMITED	1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M 1A8	W/221.4	-6.01	143
42	PES	2485368 ONTARIO INC O/A MANOTICK HOME HARDWARE	1166 BEAVERWOOD RD MANOTICK ON K4M1A8	W/221.4	-6.01	144
42	PES	1799598 ONTARIO LIMITED O/A MANOTICK HOME HARDWARE	1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M1A8	W/221.4	-6.01	144
42	PES	1799598 ONTARIO LIMITED O/A MANOTICK HOME HARDWARE	1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M1A8	W/221.4	-6.01	145
42	PES	2485368 ONTARIO INC.	1166 Beaverwood RD Manotick ON K4M 1A8	W/221.4	-6.01	145
43	WWIS		ON Well ID: 1510858	ENE/224.9	-8.37	145
44	FSTH	C W EVE JR MANOTICK ESSO	5549 MAIN ST LOT 21 CON 1 MANOTICK ON	NW/226.9	-2.60	149
44	FSTH	C W EVE JR MANOTICK ESSO	5549 MAIN ST LOT 21 CON 1 MANOTICK ON	NW/226.9	-2.60	149
44	EXP	C W EVE JR MANOTICK ESSO	5549 MAIN ST LOT 21 CON 1 MANOTICK ON	NW/226.9	-2.60	150
44	EXP	C W EVE JR MANOTICK ESSO	5549 MAIN ST LOT 21 CON 1 MANOTICK ON	NW/226.9	-2.60	150
45	WWIS		lot 2 ON Well ID: 1506456	NW/229.3	-4.10	150
46	WWIS		lot 2 ON Well ID: 1514579	NNW/237.6	-2.68	153
47	WWIS		lot 2 ON	NNE/238.9	-9.30	157

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1518363			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	161
			Well ID: 1518506			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	164
			Well ID: 1518587			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	167
			Well ID: 1518588			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	170
			Well ID: 1518589			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	174
			Well ID: 1518590			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	177
			Well ID: 1518757			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	181
			Well ID: 1518994			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	184
			Well ID: 1518995			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	188
			Well ID: 1518996			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	191
			Well ID: 1518997			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	195
			Well ID: 1518998			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	198
			Well ID: 1518999			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	202

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1519001			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	205
			Well ID: 1519002			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	208
			Well ID: 1519033			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	212
			Well ID: 1519084			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	216
			Well ID: 1519085			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	219
			Well ID: 1519087			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	223
			Well ID: 1519088			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	226
			Well ID: 1519090			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	230
			Well ID: 1519091			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	233
			Well ID: 1519094			
47	WWIS		lot 2 ON	NNE/238.9	-9.30	237
			Well ID: 1519315			
48	BORE		ON	WNW/240.5	-3.93	240
49	WWIS		lot 2 ON	WNW/240.6	-3.93	242
			Well ID: 1506476			
50	WWIS		lot 2 con A ON	WNW/244.3	-5.10	245

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
			Well ID: 1516364			
51	PINC	ENBRIDGE GAS INC	5598 EASTMAN AVE,,MANOTICK,ON, K4M 1E2,CA ON	SW/245.8	-5.71	248
52	WWIS		lot 2 ON Well ID: 1506484	NNW/246.4	-0.89	248
53	SPL	SERVICE STATION	5549 ANN ST., MANOTICK (N.O.S.) OSGOODE TOWNSHIP ON	WNW/248.6	-5.46	251
53	EHS		5549 Ann St Ottawa ON K4M1L6	WNW/248.6	-5.46	252

Executive Summary: Summary By Data Source

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 2 BORE site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	SE	73.55	<u>11</u>
	ON	WNW	240.52	<u>48</u>

CDRY - Dry Cleaning Facilities

A search of the CDRY database, dated Jan 2004-Dec 2022 has found that there are 2 CDRY site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Quality Cleaners	1160 Beaverwood Rd Manotick ON K4M1A2	W	65.86	<u>10</u>
Quality Cleaners	1160 Beaverwood Rd Manotick ON K4M1A2	W	65.86	<u>10</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Dec 31, 2023 has found that there are 14 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	5582 Manotick Main Street Manotick ON K4M 1E2	SE	22.81	<u>2</u>
	5582 Manotick Main Street Manotick ON K4M 1E2	SE	22.81	<u>2</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	5582 Manotick Main Street Manotick ON K4M 1E2	SE	22.81	<u>2</u>
	5582 Manotick Main Street Manotick ON K4M 1E2	SE	22.81	<u>2</u>
	5557 Manotick Main St Ottawa ON K4M1L6	NW	172.17	<u>26</u>
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1160 Beaverwood Road Ottawa ON	W	65.86	<u>10</u>
	1160 Beaverwood Road Ottawa ON	W	65.86	<u>10</u>
	1160 Beaverwood Road Ottawa ON	W	65.86	<u>10</u>
	5562 Manotick Main Street Ottawa ON	WNW	144.69	<u>18</u>
	5560 Manotick Main Street Manotick ON K4M	WNW	150.50	<u>22</u>
	5560 Manotick Main Street Manotick ON K4M	WNW	150.50	<u>22</u>
	5560 Manotick Main Street Manotick ON K4M	WNW	150.50	<u>22</u>
	5552 Manotick Main Street Manotick ON K4M	WNW	190.11	<u>29</u>

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Oct 2023 has found that there are 2 EXP site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
C W EVE JR MANOTICK ESSO	5549 MAIN ST LOT 21 CON 1 MANOTICK ON	NW	226.93	44
C W EVE JR MANOTICK ESSO	5549 MAIN ST LOT 21 CON 1 MANOTICK ON	NW	226.93	44

FSTH - Fuel Storage Tank - Historic

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

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
C W EVE JR MANOTICK ESSO	5549 MAIN ST LOT 21 CON 1 MANOTICK ON	NW	226.93	44
C W EVE JR MANOTICK ESSO	5549 MAIN ST LOT 21 CON 1 MANOTICK ON	NW	226.93	44

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Oct 31, 2022 has found that there are 28 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Caremedics Manotick Inc	1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	W	65.86	10
Quality Cleaners	1160 Beaverwood Rd Manotick ON K4M1A2	W	65.86	10
QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON	W	65.86	10

Caremedics Manotick Inc.	1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	W	65.86	<u>10</u>
Rexall Pharmacy Group Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	W	65.86	<u>10</u>
QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	W	65.86	<u>10</u>
QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	W	65.86	<u>10</u>
Pharmx Rexall Drug Stores Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	W	65.86	<u>10</u>
Caremedics Manotick Inc	1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	W	65.86	<u>10</u>
QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	W	65.86	<u>10</u>
Caremedics Manotick Inc	1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	W	65.86	<u>10</u>
Pharmx Rexall Drug Stores Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	W	65.86	<u>10</u>
Rexall Pharmacy Group Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	W	65.86	<u>10</u>
Caremedics Manotick Inc.	1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	W	65.86	<u>10</u>
QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	W	65.86	<u>10</u>

Rexall Pharmacy Group Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	W	65.86	<u>10</u>
Caremedics Manotick Inc.	1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	W	65.86	<u>10</u>
QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	W	65.86	<u>10</u>
Caremedics Manotick Inc.	1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	W	65.86	<u>10</u>
Rexall Pharmacy Group Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	W	65.86	<u>10</u>
QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	W	65.86	<u>10</u>
Rexall Pharmacy Group Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	W	65.86	<u>10</u>
Caremedics Manotick Inc.	1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	W	65.86	<u>10</u>
QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	W	65.86	<u>10</u>
QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON	W	65.86	<u>10</u>
QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON	W	65.86	<u>10</u>
Caremedics Manotick Inc	1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	W	65.86	<u>10</u>
Caremedics Manotick Inc	1160 Beaverwood Road, Unit 2 Manotick ON	W	65.86	<u>10</u>

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated 31 Oct, 2023 has found that there are 2 INC site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1160D Beaverwood Drive, Manotick ON	W	152.13	<u>23</u>
	5557 DICKINSON STREET, MANOTICK ON	N	188.57	<u>28</u>

PES - Pesticide Register

A search of the PES database, dated Oct 2011- Jan 31, 2024 has found that there are 13 PES site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
ROBINSON'S FOODMARKETS INC	1160 BEAVERWOOD RD MANOTICK ON K4M1A5	W	65.86	<u>10</u>
LOBLAWS INC. O/A MANOTICK YOUR INDEPENDENT GROCER	1160 BEAVERWOOD RD MANOTICK ON K4M1A5	W	65.86	<u>10</u>
ROBINSON'S FOODMARKETS INC	1160 BEAVERWOOD RD MANOTICK ON K4M1A5	W	65.86	<u>10</u>
2626693 ONTARIO INC. O/A MCDONOUGH'S YOUR INDEPENDENT GROCER	1160 BEAVERWOOD RD. MANOTICK ON	W	65.86	<u>10</u>
	1160 BEAVERWOOD RD MANOTICK ON K4M 1A5	W	65.86	<u>10</u>
ROBINSON'S FOODMARKETS INC	1160 BEAVERWOOD RD BOX 517 MANOTICK ON K4M1A5	W	65.86	<u>10</u>
ROBINSON'S FOODMARKETS INC	1160 BEAVERWOOD RD MANOTICK ON K4M1A5	W	65.86	<u>10</u>

MANOTICK HARDWARE LIMITED	1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M1A8	W	221.43	42
MANOTICK HARDWARE LIMITED	1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M 1A8	W	221.43	42
2485368 ONTARIO INC O/A MANOTICK HOME HARDWARE	1166 BEAVERWOOD RD MANOTICK ON K4M1A8	W	221.43	42
1799598 ONTARIO LIMITED O/A MANOTICK HOME HARDWARE	1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M1A8	W	221.43	42
1799598 ONTARIO LIMITED O/A MANOTICK HOME HARDWARE	1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M1A8	W	221.43	42
2485368 ONTARIO INC.	1166 Beaverwood RD Manotick ON K4M 1A8	W	221.43	42

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 4 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
WHITESTONE DESIGN BUILD	1130 O'GRADY ST.,MANOTICK,ON,, CA ON	NNW	198.30	33

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1161 Gaddis Court, Manotick ON	S	205.78	36
	1166 EASTMAN AVENUE, MANOTICK ON	W	221.43	42

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 1 SCT site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
RIDEAU AWNINGS	5573 MAIN ST MANOTICK ON K4M 1A7	NNW	43.78	7

SPL - Ontario Spills

A search of the SPL database, dated 1988-Jan 2023; May 2023-Dec 2023 has found that there are 4 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Enbridge Gas Distribution Inc.	1130 O'Grady St, Manotick Ottawa ON	NNW	198.30	33

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
Parson Refrigeration (1985) Ltd.	1160 Beaverwood Rd, Manotick Ottawa ON	W	65.86	10
PRIVATE RESIDENCE	5561 MAIN STREET, MANOTICK FURNACE OIL TANK RIDEAU TOWNSHIP ON	NW	135.11	16
SERVICE STATION	5549 ANN ST., MANOTICK (N.O.S.) OSGOODE TOWNSHIP ON	WNW	248.60	53

WWIS - Water Well Information System

A search of the WWIS database, dated Mar 31 2023 has found that there are 59 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 3 ON	WNW	14.10	1

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 1506493			
	lot 3 ON	SE	29.04	<u>3</u>
	<i>Well ID:</i> 1516567			
	lot 3 ON	NW	150.01	<u>21</u>
	<i>Well ID:</i> 1517784			
	lot 2 ON	NNW	194.05	<u>31</u>
	<i>Well ID:</i> 1506480			
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 3 ON	NE	31.69	<u>4</u>
	<i>Well ID:</i> 1506492			
	lot 3 ON	SE	37.45	<u>5</u>
	<i>Well ID:</i> 1511311			
	lot 3 ON	NNE	41.08	<u>6</u>
	<i>Well ID:</i> 1506490			
	lot 3 ON	W	47.89	<u>8</u>
	<i>Well ID:</i> 1506598			
	lot 3 ON	E	57.85	<u>9</u>
	<i>Well ID:</i> 1516571			
	lot 2 con A ON	NE	81.11	<u>12</u>
	<i>Well ID:</i> 1514616			
	lot 3 ON	SE	97.04	<u>13</u>
	<i>Well ID:</i> 1506485			
	lot 3 ON	ENE	123.29	<u>14</u>

Well ID: 1518957

lot 3 ON	ESE	134.92	<u>15</u>
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Well ID: 1506491

lot 3 ON	ESE	138.32	<u>17</u>
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Well ID: 1506486

lot 2 ON	N	147.55	<u>19</u>
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Well ID: 1512080

lot 3 ON	E	148.34	<u>20</u>
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Well ID: 1506488

lot 2 con A ON	N	158.33	<u>24</u>
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Well ID: 1514263

5562 MANOTICK MAIN STREET lot 2 con A MANOTICK ON Well ID: 7165034	WNW	161.93	<u>25</u>
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lot 2 ON	WNW	185.35	<u>27</u>
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Well ID: 1514484

lot 2 con A ON	NW	192.48	<u>30</u>
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Well ID: 7386051

lot 2 con A ON	NW	195.85	<u>32</u>
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Well ID: 7386187

lot 2 ON	NNE	199.16	<u>34</u>
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Well ID: 1506460

lot 2 ON	WNW	201.13	<u>35</u>
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Well ID: 1506473

lot 2 ON	NNW	206.40	<u>37</u>
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Well ID: 1506482

lot 2 ON	N	207.18	<u>38</u>
Well ID: 1506462			
lot 2 ON	N	207.80	<u>39</u>
Well ID: 1509857			
lot 2 con A ON	N	207.80	<u>39</u>
Well ID: 1511031			
lot 2 con A ON	NW	208.48	<u>40</u>
Well ID: 7386232			
lot 2 ON	NNE	213.02	<u>41</u>
Well ID: 1514320			
ON	ENE	224.88	<u>43</u>
Well ID: 1510858			
lot 2 ON	NW	229.29	<u>45</u>
Well ID: 1506456			
lot 2 ON	NNW	237.64	<u>46</u>
Well ID: 1514579			
lot 2 ON	NNE	238.89	<u>47</u>
Well ID: 1518363			
lot 2 ON	NNE	238.89	<u>47</u>
Well ID: 1518506			
lot 2 ON	NNE	238.89	<u>47</u>
Well ID: 1518587			
lot 2 ON	NNE	238.89	<u>47</u>
Well ID: 1518588			
lot 2 ON	NNE	238.89	<u>47</u>

Well ID: 1518589

lot 2	NNE	238.89	47
ON			

Well ID: 1518590

lot 2	NNE	238.89	47
ON			

Well ID: 1518757

lot 2	NNE	238.89	47
ON			

Well ID: 1518994

lot 2	NNE	238.89	47
ON			

Well ID: 1518995

lot 2	NNE	238.89	47
ON			

Well ID: 1518996

lot 2	NNE	238.89	47
ON			

Well ID: 1518997

lot 2	NNE	238.89	47
ON			

Well ID: 1518998

lot 2	NNE	238.89	47
ON			

Well ID: 1518999

lot 2	NNE	238.89	47
ON			

Well ID: 1519001

lot 2	NNE	238.89	47
ON			

Well ID: 1519002

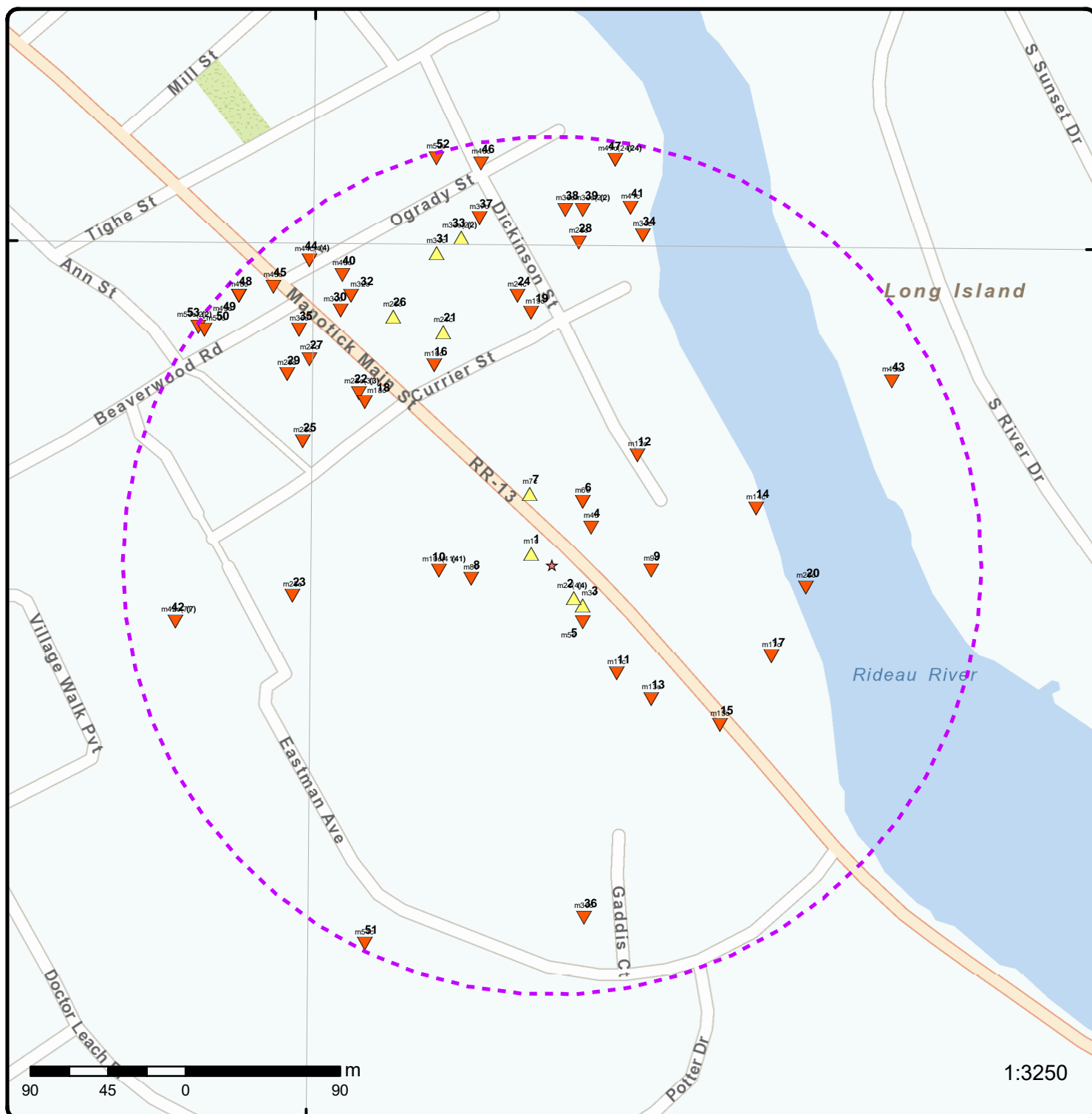
lot 2	NNE	238.89	47
ON			

Well ID: 1519033

lot 2	NNE	238.89	47
ON			

Well ID: 1519084

lot 2 ON	NNE	238.89	47
Well ID: 1519085			
lot 2 ON	NNE	238.89	47
Well ID: 1519087			
lot 2 ON	NNE	238.89	47
Well ID: 1519088			
lot 2 ON	NNE	238.89	47
Well ID: 1519090			
lot 2 ON	NNE	238.89	47
Well ID: 1519091			
lot 2 ON	NNE	238.89	47
Well ID: 1519094			
lot 2 ON	NNE	238.89	47
Well ID: 1519315			
lot 2 ON	WNW	240.55	49
Well ID: 1506476			
lot 2 con A ON	WNW	244.28	50
Well ID: 1516364			
lot 2 ON	NNW	246.39	52
Well ID: 1506484			



Map: 0.25 Kilometer Radius

Order Number: 24031200166

Address: 5580 Manotick Main Street, Ottawa, ON

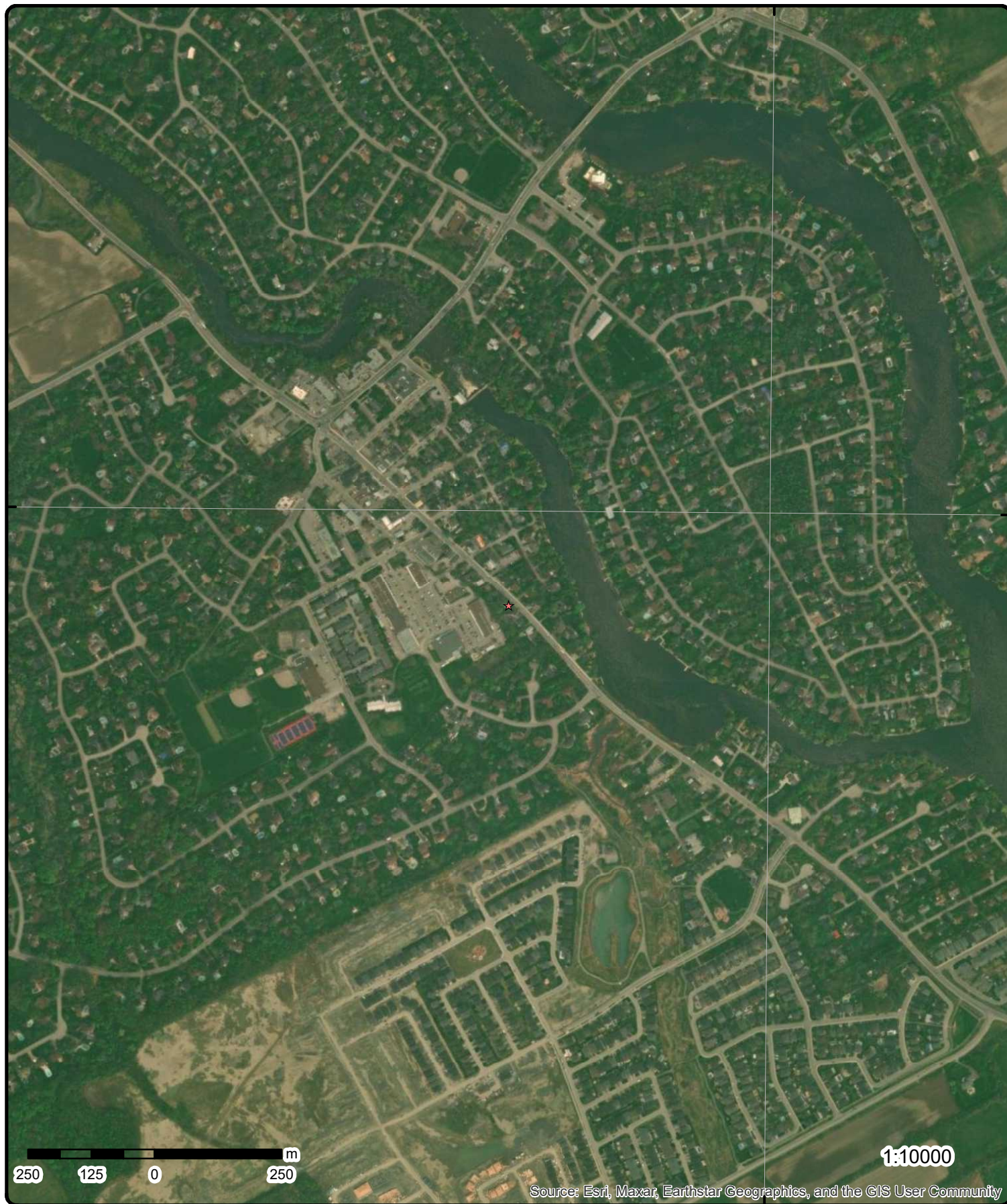


★ Project Property	Freeways; Highways	Beach	Shopping & Sports Area
Buffer Outline	Traffic Circle; Ramp	Airport	University/College
△ Eris Sites with Higher Elevation	Major Arterial; Minor Arterial	Industrial Area	Cemetery; Golf Course
■ Eris Sites with Same Elevation	Local Road	Military Base	Park (National)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

75°40'30"W

45°13'30"N

45°13'30"N



Aerial

Year: 2023

Order Number: 24031200166

Address: 5580 Manotick Main Street, Ottawa, ON



Source: ESRI World Imagery

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75°42'W

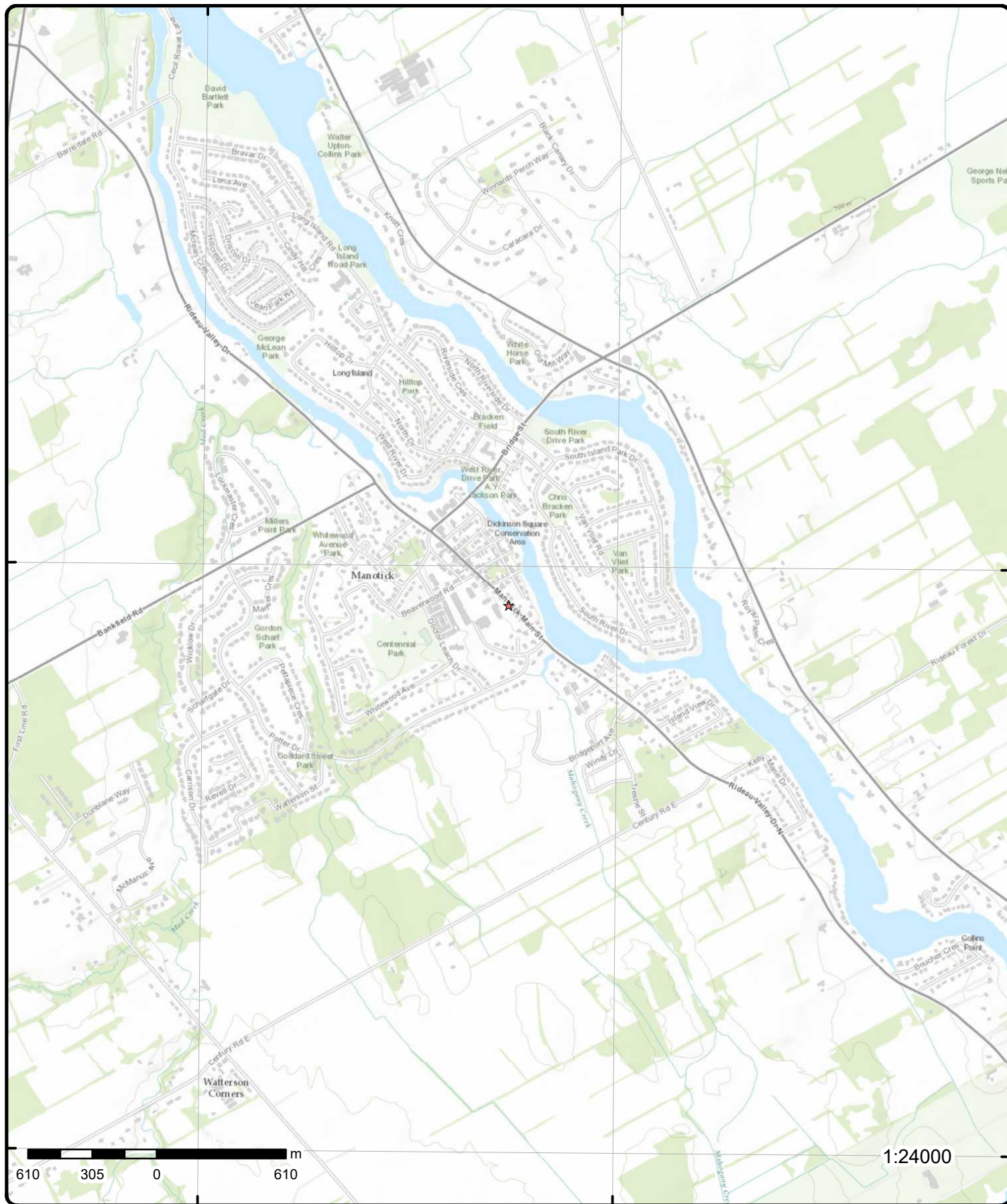
75°40'30"W

45°13'30"N

45°12'N

45°13'30"N

45°12'N



Topographic Map

Address: 5580 Manotick Main Street, ON

Source: ESRI World Topographic Map

Order Number: 24031200166



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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931004661			
Layer:		1			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:		05			
Mat3 Desc:		CLAY			
Formation Top Depth:		0.0			
Formation End Depth:		58.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931004662			
Layer:		2			
Color:					
General Color:					
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		58.0			
Formation End Depth:		150.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961506493			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10577099			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049799			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		150.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID: 930049798					
Layer: 1					
Material: 1					
Open Hole or Material: STEEL					
Depth From:					
Depth To: 60.0					
Casing Diameter: 2.0					
Casing Diameter UOM: inch					
Casing Depth UOM: ft					
Results of Well Yield Testing					
Pumping Test Method Desc: PUMP					
Pump Test ID: 991506493					
Pump Set At:					
Static Level: 34.0					
Final Level After Pumping: 60.0					
Recommended Pump Depth: 60.0					
Pumping Rate: 3.0					
Flowing Rate:					
Recommended Pump Rate: 3.0					
Levels UOM: ft					
Rate UOM: GPM					
Water State After Test Code: 1					
Water State After Test: CLEAR					
Pumping Test Method: 1					
Pumping Duration HR: 2					
Pumping Duration MIN: 0					
Flowing: No					
Water Details					
Water ID: 933460644					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 145.0					
Water Found Depth UOM: ft					
Links					
Bore Hole ID: 10028529					
Depth M: 45.72					
Year Completed: 1960					
Well Completed Dt: 08/11/1960					
Audit No:					
Path: 150\1506493.pdf					
Tag No:					
Contractor: 1802					
Latitude: 45.2233837216864					
Longitude: -75.681700032365					
Y: 45.22338371470164					
X: -75.68169987052785					
<u>2</u>	1 of 4	SE/22.8	95.0 / 0.07	5582 Manotick Main Street Manotick ON K4M 1E2	EHS
Order No: 21031600078					
Status: C					
Report Type: Standard Report					
Report Date: 19-MAR-21					
Date Received: 16-MAR-21					
Previous Site Name:					
Lot/Building Size:					
Additional Info Ordered: Fire Insur. Maps and/or Site Plans					
Nearest Intersection:					
Municipality:					
Client Prov/State: ON					
Search Radius (km): .25					
X: -75.6813808					
Y: 45.2231512					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
2	2 of 4	SE/22.8	95.0 / 0.07	5582 Manotick Main Street Manotick ON K4M 1E2	EHS
Order No: 21031600078 Status: C Report Type: Standard Report Report Date: 19-MAR-21 Date Received: 16-MAR-21 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6813808 Y: 45.2231512			
2	3 of 4	SE/22.8	95.0 / 0.07	5582 Manotick Main Street Manotick ON K4M 1E2	EHS
Order No: 21031600078 Status: C Report Type: Standard Report Report Date: 19-MAR-21 Date Received: 16-MAR-21 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6813808 Y: 45.2231512			
2	4 of 4	SE/22.8	95.0 / 0.07	5582 Manotick Main Street Manotick ON K4M 1E2	EHS
Order No: 21031600078 Status: C Report Type: Standard Report Report Date: 19-MAR-21 Date Received: 16-MAR-21 Previous Site Name: Lot/Building Size: Additional Info Ordered: Fire Insur. Maps and/or Site Plans		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6813808 Y: 45.2231512			
3	1 of 1	SE/29.0	95.0 / 0.07	lot 3 ON	WWIS
Well ID: 1516567 Construction Date: Use 1st: Domestic Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: NORTH GOWER TOWNSHIP Site Info:		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 07/12/1978 Selected Flag: TRUE Abandonment Rec: Contractor: 3644 Form Version: 1 Owner: County: OTTAWA-CARLETON Lot: 003 Concession: Concession Name: BF Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1516567.pdf			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		06/06/1978			
Year Completed:		1978			
Depth (m):		47.244			
Latitude:		45.2231159736788			
Longitude:		-75.6813147094736			
Path:		151\1516567.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10038477			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446510.80
Code OB Desc:				North83:	5007962.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	06/06/1978			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931032520				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	13				
Mat2 Desc:	BOULDERS				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	58.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931032521				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	58.0				
Formation End Depth:	140.0				
Formation End Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931032522			
Layer:		3			
Color:		1			
General Color:		WHITE			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		140.0			
Formation End Depth:		155.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961516567			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10587047			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930067602			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		61.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991516567			
Pump Set At:					
Static Level:		30.0			
Final Level After Pumping:		70.0			
Recommended Pump Depth:		70.0			
Pumping Rate:		40.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934380914			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		70.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934899907			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		70.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934642005			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		70.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934101200			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		70.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933472896			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		152.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10038477		Tag No:	
Depth M:		47.244		Contractor:	3644
Year Completed:		1978		Latitude:	45.2231159736788
Well Completed Dt:		06/06/1978		Longitude:	-75.6813147094736
Audit No:				Y:	45.22311596707808
Path:		151\1516567.pdf		X:	-75.68131454731986
<u>4</u>	1 of 1	NE/31.7	93.9 / -1.01	lot 3 ON	WWIS
Well ID:		1506492		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:		0		Data Src:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931004659			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		44.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961506492			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10577098			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049797			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		45.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991506492			
Pump Set At:					
Static Level:		12.0			
Final Level After Pumping:		14.0			
Recommended Pump Depth:		14.0			
Pumping Rate:		4.0			
Flowing Rate:					
Recommended Pump Rate:		4.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933460643			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		44.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10028528		Tag No:	
Depth M:		13.716		Contractor:	3601
Year Completed:		1960		Latitude:	45.2235213956963
Well Completed Dt:		05/10/1960		Longitude:	-75.681255864606
Audit No:				Y:	45.223521388773435
Path:		150\1506492.pdf		X:	-75.68125570406093

<u>5</u>	1 of 1	SE/37.5	94.9 / -0.01	lot 3 ON	WWIS
Well ID:		1511311		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:		0		Data Src:	1
Final Well Status:		Water Supply		Date Received:	08/09/1971
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3504
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	003
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NORTH GOWER TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1511311.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		07/15/1971			
Year Completed:		1971			
Depth (m):		15.8496			
Latitude:		45.2230259643134			
Longitude:		-75.6813136343333			
Path:		151\1511311.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10033307		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446510.80

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:				North83:	5007952.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	07/15/1971			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931017308			
Layer:		3			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		36.0			
Formation End Depth:		52.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931017306			
Layer:		1			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		34.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931017307			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		14			
Mat2 Desc:		HARDPAN			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		34.0			
Formation End Depth:		36.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	961511311				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10581877				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930059119				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	52.0				
Casing Diameter:					
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930059118				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	36.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	BAILER				
Pump Test ID:	991511311				
Pump Set At:					
Static Level:	10.0				
Final Level After Pumping:	10.0				
Recommended Pump Depth:	30.0				
Pumping Rate:	10.0				
Flowing Rate:					
Recommended Pump Rate:	10.0				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	2				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<u>Pump Test Detail ID:</u> 934643402					
<u>Test Type:</u> Recovery					
<u>Test Duration:</u> 45					
<u>Test Level:</u> 10.0					
<u>Test Level UOM:</u> ft					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 934900185					
<u>Test Type:</u> Recovery					
<u>Test Duration:</u> 60					
<u>Test Level:</u> 10.0					
<u>Test Level UOM:</u> ft					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 934381824					
<u>Test Type:</u> Recovery					
<u>Test Duration:</u> 30					
<u>Test Level:</u> 10.0					
<u>Test Level UOM:</u> ft					
<u>Draw Down & Recovery</u>					
<u>Pump Test Detail ID:</u> 934097004					
<u>Test Type:</u> Recovery					
<u>Test Duration:</u> 15					
<u>Test Level:</u> 10.0					
<u>Test Level UOM:</u> ft					
<u>Water Details</u>					
<u>Water ID:</u> 933466426					
<u>Layer:</u> 1					
<u>Kind Code:</u> 1					
<u>Kind:</u> FRESH					
<u>Water Found Depth:</u> 47.0					
<u>Water Found Depth UOM:</u> ft					
<u>Links</u>					
<u>Bore Hole ID:</u> 10033307					
<u>Depth M:</u> 15.8496					
<u>Year Completed:</u> 1971					
<u>Well Completed Dt:</u> 07/15/1971					
<u>Audit No:</u>					
<u>Path:</u> 151\1511311.pdf					
<u>Tag No:</u>					
<u>Contractor:</u> 3504					
<u>Latitude:</u> 45.2230259643134					
<u>Longitude:</u> -75.6813136343333					
<u>Y:</u> 45.22302595663539					
<u>X:</u> -75.68131347294269					

<u>6</u>	1 of 1	NNE/41.1	92.5 / -2.37	lot 3 ON	WWIS
<u>Well ID:</u> 1506490					
<u>Construction Date:</u>					
<u>Use 1st:</u> Domestic					
<u>Use 2nd:</u> 0					
<u>Final Well Status:</u> Water Supply					
<u>Water Type:</u>					
<u>Casing Material:</u>					
<u>Audit No:</u>					
<u>Tag:</u>					
<u>Flowing (Y/N):</u>					
<u>Flow Rate:</u>					
<u>Data Entry Status:</u>					
<u>Data Src:</u> 1					
<u>Date Received:</u> 04/08/1957					
<u>Selected Flag:</u> TRUE					
<u>Abandonment Rec:</u>					
<u>Contractor:</u> 1632					
<u>Form Version:</u> 1					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:				Owner: County: OTTAWA-CARLETON Lot: 003 Concession: Concession Name: BF Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506490.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: Path:		02/05/1957 1957 31.6992 45.2236560298412 -75.681321160422 150\1506490.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		10028526	Elevation: Elevrc: Zone: 18 East83: 446510.80 North83: 5008022.00 Org CS: UTMRC: 9 UTMRC Desc: unknown UTM Location Method: p9		
		Original Pre1985 UTM Rel Code 9: unknown UTM			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		931004655 1 11 GRAVEL 13 BOULDERS 0.0 54.0 ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931004656			
Layer:		2			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		54.0			
Formation End Depth:		104.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961506490			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10577096			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049793			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		54.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930049794			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		104.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991506490			
Pump Set At:					
Static Level:		32.0			
Final Level After Pumping:		40.0			
Recommended Pump Depth:					
Pumping Rate:		4.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing Rate: Recommended Pump Rate: Levels UOM: ft Rate UOM: GPM Water State After Test Code: 1 Water State After Test: CLEAR Pumping Test Method: 1 Pumping Duration HR: 2 Pumping Duration MIN: 0 Flowing: No					
Water Details					
Water ID: 933460641 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 104.0 Water Found Depth UOM: ft					
Links					
Bore Hole ID: 10028526 Depth M: 31.6992 Year Completed: 1957 Well Completed Dt: 02/05/1957 Audit No: Path: 150\1506490.pdf					
Tag No: Contractor: 1632 Latitude: 45.2236560298412 Longitude: -75.681321160422 Y: 45.22365602294525 X: -75.68132099897278					
<u>7</u>	1 of 1	NNW/43.8	94.9 / 0.01	RIDEAU AWNINGS 5573 MAIN ST MANOTICK ON K4M 1A7	SCT
Established: 1989 Plant Size (ft²): 1000 Employment: 1					
--Details--					
Description: CANVAS AND RELATED PRODUCTS SIC/NAICS Code: 2394					
Description: PLASTICS PRODUCTS, NOT ELSEWHERE CLASSIFIED SIC/NAICS Code: 3089					
<u>8</u>	1 of 1	W/47.9	92.5 / -2.37	lot 3 ON	WWIS
Well ID: 1506598 Construction Date: Use 1st: Domestic Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth:					
Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 08/13/1951 Selected Flag: TRUE Abandonment Rec: Contractor: 3566 Form Version: 1 Owner: County: OTTAWA-CARLETON Lot: 003 Concession: Concession Name: BF					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NORTH GOWER TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506598.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		07/12/1951			
Year Completed:		1951			
Depth (m):		47.5488			
Latitude:		45.2232460459584			
Longitude:		-75.6821441979633			
Path:		150\1506598.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10028634		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446445.80
Code OB Desc:				North83:	5007977.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:		07/12/1951		UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Loc Method Desc:		Original Pre1985 UTM Rel Code 9: unknown UTM			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931004950			
Layer:		4			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		82.0			
Formation End Depth:		86.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931004947			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		09			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:					
Mat2:		MEDIUM SAND	05		
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931004948			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		20.0			
Formation End Depth:		80.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931004951			
Layer:		5			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		86.0			
Formation End Depth:		156.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931004949			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		80.0			
Formation End Depth:		82.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Method Construction ID:		961506598			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10577204			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930049998			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		82.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930050000			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		156.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930049999			
Layer:		2			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		86.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991506598			
Pump Set At:					
Static Level:		44.0			
Final Level After Pumping:		52.0			
Recommended Pump Depth:					
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Water Details</u>					
Water ID:	933460759				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	82.0				
Water Found Depth UOM:	ft				
<u>Links</u>					
Bore Hole ID:	10028634			Tag No:	
Depth M:	47.5488			Contractor:	3566
Year Completed:	1951			Latitude:	45.2232460459584
Well Completed Dt:	07/12/1951			Longitude:	-75.6821441979633
Audit No:				Y:	45.22324603903091
Path:	150\1506598.pdf			X:	-75.68214403699477
<hr/>					
9	1 of 1	E/57.9	91.0 / -3.89	lot 3 ON	WWIS
Well ID:	1516571			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	07/12/1978
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	003
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NORTH GOWER TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1516571.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	06/14/1978				
Year Completed:	1978				
Depth (m):	38.1				
Latitude:	45.2232990305143				
Longitude:	-75.680807397249				
Path:	151\1516571.pdf				
<u>Bore Hole Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Bore Hole ID:	10038481			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446550.80
Code OB Desc:				North83:	5007982.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	06/14/1978			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931032531				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	13				
Mat2 Desc:	BOULDERS				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	32.0				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931032533				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	58.0				
Formation End Depth:	120.0				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931032532				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	14				
Most Common Material:	HARDPAN				
Mat2:	11				
Mat2 Desc:	GRAVEL				
Mat3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:					
Formation Top Depth:		32.0			
Formation End Depth:		58.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931032534			
Layer:		4			
Color:		1			
General Color:		WHITE			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		120.0			
Formation End Depth:		125.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961516571			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10587051			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930067606			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		60.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991516571			
Pump Set At:					
Static Level:		25.0			
Final Level After Pumping:		65.0			
Recommended Pump Depth:		65.0			
Pumping Rate:		8.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State After Test Code:	2				
Water State After Test:	CLOUDY				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934642009				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	65.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934101204				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	65.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934380918				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	65.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934899911				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	65.0				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933472900				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	90.0				
Water Found Depth UOM:	ft				
<u>Water Details</u>					
Water ID:	933472901				
Layer:	2				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	120.0				
Water Found Depth UOM:	ft				
<u>Links</u>					
Bore Hole ID:	10038481			Tag No:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth M: Year Completed: Well Completed Dt: Audit No: Path:	38.1 1978 06/14/1978 151\1516571.pdf			Contractor: Latitude: Longitude: Y: X:	3644 45.2232990305143 -75.680807397249 45.22329902395817 -75.68080723559376
10	1 of 41	W/65.9	91.2 / -3.70	QUALITY CLEANERS 1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:	ON1250600 812320 Dry Cleaning & Laundry Serv. (exc. Coin-Op.) 02,03,04,05,06,07,08 				
Detail(s)					
Waste Class: Waste Class Name:	241 HALOGENATED SOLVENTS				
10	2 of 41	W/65.9	91.2 / -3.70	ROBINSON'S FOODMARKETS INC 1160 BEAVERWOOD RD BOX 517 MANOTICK ON K4M1A5	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL:	 Limited Vendor 23 			Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:	
10	3 of 41	W/65.9	91.2 / -3.70	ROBINSON'S FOODMARKETS INC 1160 BEAVERWOOD RD MANOTICK ON K4M1A5	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Licence Type Code:	 Vendor 			Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext:	517

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL:		Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:			
10	4 of 41	W/65.9	91.2 / -3.70	QUALITY CLEANERS 1160 BEAVERWOOD ROAD OTTAWA ON	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON1250600 812320 Dry Cleaning and Laundry Services (except Coin-Operated) 2009 			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		241 HALOGENATED SOLVENTS			
10	5 of 41	W/65.9	91.2 / -3.70	QUALITY CLEANERS 1160 BEAVERWOOD ROAD OTTAWA ON	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON1250600 812320 Dry Cleaning and Laundry Services (except Coin-Operated) 2010 			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		241 HALOGENATED SOLVENTS			
10	6 of 41	W/65.9	91.2 / -3.70	Caremedics Manotick Inc 1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	GEN
Generator No:		ON3482997			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Code:		621110			
SIC Description:					
Approval Years:		2011			
PO Box No:					
Country:					
Status:					
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
10	7 of 41	W/65.9	91.2 / -3.70	Parson Refrigeration (1985) Ltd. 1160 Beaverwood Rd, Manotick Ottawa ON	SPL
Ref No:		4740-96CRP5		Municipality No:	
Year:				Nature of Damage:	
Incident Dt:		01-APR-13		Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:		01-APR-13		Health/Env Conseq:	
Dt Document Closed:				Agency Involved:	
Site No:					
MOE Response:		No Field Response			
Site County/District:					
Site Geo Ref Meth:					
Site District Office:					
Nearest Watercourse:					
Site Name:		Robinson's Independant Grocer<UNOFFICIAL>			
Site Address:		1160 Beaverwood Rd, Manotick			
Site Region:					
Site Municipality:		Ottawa			
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:					
Easting:					
Incident Cause:		Leak/Break			
Incident Event:					
Environment Impact:		Not Anticipated			
Nature of Impact:		Air Pollution			
Contaminant Qty:		181.4 kg			
System Facility Address:					
Client Name:		Parson Refrigeration (1985) Ltd.			
Client Type:					
Source Type:					
Contaminant Code:		38			
Contaminant Name:		REFRIGERANT GAS, N.O.S.			
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:					
Incident Reason:		Equipment Failure			
Incident Summary:		Robinson's Refrigeration R507 to atomosphere			
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:		Other			
SAC Action Class:		Air Spills - Gases and Vapours			
Call Report Locatn Geodata:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	8 of 41	W/65.9	91.2 / -3.70	Caremedics Manotick Inc 1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON3482997 621110 Offices of Physicians 2012			
10	9 of 41	W/65.9	91.2 / -3.70	Caremedics Manotick Inc 1160 Beaverwood Road, Unit 2 Manotick ON	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON3482997 621110 OFFICES OF PHYSICIANS 2013			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		312 PATHOLOGICAL WASTES			
10	10 of 41	W/65.9	91.2 / -3.70	QUALITY CLEANERS 1160 BEAVERWOOD ROAD OTTAWA ON	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON1250600 812320 DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED) 2013			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		241 HALOGENATED SOLVENTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	11 of 41	W/65.9	91.2 / -3.70	ROBINSON'S FOODMARKETS INC 1160 BEAVERWOOD RD MANOTICK ON K4M1A5	PES
Detail Licence No: Licence No: 10715 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: Limited Vendor Licence Type Code: 23 Licence Class: 01 Licence Control: 0 Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL:		Operator Box: 517 Operator Class: Operator No: Operator Type: Oper Area Code: 613 Oper Phone No: 6922828 Operator Ext: Operator Lot: Oper Concession: Operator Region: 4 Operator District: 2 Operator County: 15 Op Municipality: Post Office Box: MOE District: SWP Area Name:			
10	12 of 41	W/65.9	91.2 / -3.70	Caremedics Manotick Inc. 1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	GEN
Generator No: ON2574199 SIC Code: 621110 SIC Description: OFFICES OF PHYSICIANS Approval Years: 2016 PO Box No: Country: Canada Status: Co Admin: Ashely West Choice of Contact: CO_OFFICIAL Phone No Admin: 613-692-0244 Ext. Contaminated Facility: No MHSW Facility: No					
<u>Detail(s)</u>					
Waste Class: 312 Waste Class Name: PATHOLOGICAL WASTES					
10	13 of 41	W/65.9	91.2 / -3.70	Rexall Pharmacy Group Ltd. 1160 Beaverwood Rd Manotick ON K4M 1A3	GEN
Generator No: ON2849411 SIC Code: 446110 SIC Description: 446110 Approval Years: 2016 PO Box No: Country: Canada Status: Co Admin: Erik Botines Choice of Contact: CO_ADMIN Phone No Admin: 9055017800 Ext. Contaminated Facility: No MHSW Facility: No					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		261			
Waste Class Name:		PHARMACEUTICALS			
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
10	14 of 41	W/65.9	91.2 / -3.70	QUALITY CLEANERS 1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	GEN
Generator No:		ON1250600			
SIC Code:		812320			
SIC Description:		DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)			
Approval Years:		2016			
PO Box No:					
Country:		Canada			
Status:					
Co Admin:					
Choice of Contact:		CO_OFFICIAL			
Phone No Admin:		No			
Contaminated Facility:		No			
MHSW Facility:		No			
<u>Detail(s)</u>					
Waste Class:		241			
Waste Class Name:		HALOGENATED SOLVENTS			
10	15 of 41	W/65.9	91.2 / -3.70	QUALITY CLEANERS 1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	GEN
Generator No:		ON1250600			
SIC Code:		812320			
SIC Description:		DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)			
Approval Years:		2015			
PO Box No:					
Country:		Canada			
Status:					
Co Admin:					
Choice of Contact:		CO_OFFICIAL			
Phone No Admin:		No			
Contaminated Facility:		No			
MHSW Facility:		No			
<u>Detail(s)</u>					
Waste Class:		241			
Waste Class Name:		HALOGENATED SOLVENTS			
10	16 of 41	W/65.9	91.2 / -3.70	Pharmx Rexall Drug Stores Ltd. 1160 Beaverwood Rd Manotick ON K4M 1A3	GEN
Generator No:		ON2849411			
SIC Code:		446110			
SIC Description:		446110			
Approval Years:		2015			
PO Box No:					
Country:		Canada			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Co Admin: Erik Botines Choice of Contact: CO_ADMIN Phone No Admin: 9055017800 Ext. Contaminated Facility: No MHSW Facility: No					
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
10	17 of 41	W/65.9	91.2 / -3.70	Caremedics Manotick Inc 1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	GEN
Generator No: ON3482997 SIC Code: 621110 SIC Description: OFFICES OF PHYSICIANS Approval Years: 2015 PO Box No: Country: Canada Status: Co Admin: Mona Mansour Choice of Contact: CO_OFFICIAL Phone No Admin: 6136920244 Ext. Contaminated Facility: No MHSW Facility: No					
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Name:		PATHOLOGICAL WASTES			
10	18 of 41	W/65.9	91.2 / -3.70	QUALITY CLEANERS 1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	GEN
Generator No: ON1250600 SIC Code: 812320 SIC Description: DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED) Approval Years: 2014 PO Box No: Country: Canada Status: Co Admin: Choice of Contact: CO_OFFICIAL Phone No Admin: Contaminated Facility: No MHSW Facility: No					
<u>Detail(s)</u>					
Waste Class:		241			
Waste Class Name:		HALOGENATED SOLVENTS			
10	19 of 41	W/65.9	91.2 / -3.70	Caremedics Manotick Inc 1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	GEN
Generator No: ON3482997					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Code: 621110 SIC Description: OFFICES OF PHYSICIANS Approval Years: 2014 PO Box No: Country: Canada Status: Co Admin: Mona Mansour Choice of Contact: CO_OFFICIAL Phone No Admin: 6136920244 Ext. Contaminated Facility: No MHSW Facility: No					
<u>Detail(s)</u>					
Waste Class: 312 Waste Class Name: PATHOLOGICAL WASTES					
10	20 of 41	W/65.9	91.2 / -3.70	Pharmx Rexall Drug Stores Ltd. 1160 Beaverwood Rd Manotick ON K4M 1A3	GEN
Generator No: ON2849411 SIC Code: 446110 SIC Description: 446110 Approval Years: 2014 PO Box No: Country: Canada Status: Co Admin: Aaron Schrama Choice of Contact: CO_ADMIN Phone No Admin: 9055025965 Ext.6280 Contaminated Facility: No MHSW Facility: No					
<u>Detail(s)</u>					
Waste Class: 312 Waste Class Name: PATHOLOGICAL WASTES					
10	21 of 41	W/65.9	91.2 / -3.70	Rexall Pharmacy Group Ltd. 1160 Beaverwood Rd Manotick ON K4M 1A3	GEN
Generator No: ON2849411 SIC Code: SIC Description: Approval Years: As of Dec 2018 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 261 A Waste Class Name: Pharmaceuticals					
Waste Class: 312 P					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Name:		Pathological wastes			
10	22 of 41	W/65.9	91.2 / -3.70	Caremedics Manotick Inc. 1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	GEN
Generator No:		ON2574199			
SIC Code:					
SIC Description:					
Approval Years:		As of Dec 2018			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		312 P			
Waste Class Name:		Pathological wastes			
10	23 of 41	W/65.9	91.2 / -3.70	QUALITY CLEANERS 1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	GEN
Generator No:		ON1250600			
SIC Code:					
SIC Description:					
Approval Years:		As of Dec 2018			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<u>Detail(s)</u>					
Waste Class:		241 H			
Waste Class Name:		Halogenated solvents and residues			
10	24 of 41	W/65.9	91.2 / -3.70	LOBLAWS INC. O/A MANOTICK YOUR INDEPENDENT GROCER 1160 BEAVERWOOD RD MANOTICK ON K4M1A5	PES
Detail Licence No:					
Licence No:		18426			
Status:					
Approval Date:					
Report Source:		Legacy Licenses (Excluding TS)			
Licence Type:		Limited Vendor			
Licence Type Code:		23			
Licence Class:		01			
Licence Control:					
Latitude:					
Longitude:					
Operator Box:					
Operator Class:					
Operator No:					
Operator Type:					
Oper Area Code:		613			
Oper Phone No:		6922828			
Operator Ext:					
Operator Lot:					
Oper Concession:					
Operator Region:					
Operator District:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Lot: Concession: Region: District: County: Trade Name: PDF URL:		Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:			

10	25 of 41	W/65.9	91.2 / -3.70	Quality Cleaners 1160 Beaverbrook Rd Manotick ON K4M1A2	CDRY
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Legal Name of Company:
Region:
Type of Reporter:

Contact Info (2016)

Postal Address: 1160 Beaverbrook Rd
Postal City: Manotick
Postal Province: ON
Postal Postal Code: K4M1A2
Telephone No:
Fax No:
Email Address:

Waste Quantity by Year

Reporting Year: 2016
Quantity of PERC (kg): 87.48
Total Waste Water (kg): 0
Total Waste Water (L): 0
Total Residue (kg): 0
Total Residue (L): 0
Total Mix (kg): 0
Total Mix (L): 0
Request for Confidentiality: No
Reason For Confidentiality:

Reporting Year: 2015
Quantity of PERC (kg): 349.92
Total Waste Water (kg): 0
Total Waste Water (L): -
Total Residue (kg): -
Total Residue (L): 205
Total Mix (kg): 0
Total Mix (L): -
Request for Confidentiality: No
Reason For Confidentiality:

Reporting Year: 2012
Quantity of PERC (kg): 87.48
Total Waste Water (kg): 280
Total Waste Water (L): -
Total Residue (kg): 0
Total Residue (L): -
Total Mix (kg): 0
Total Mix (L): -
Request for Confidentiality: No
Reason For Confidentiality:

Reporting Year: 2011

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Quantity of PERC (kg):		129.6			
Total Waste Water (kg):		-			
Total Waste Water (L):		-			
Total Residue (kg):		-			
Total Residue (L):		-			
Total Mix (kg):		-			
Total Mix (L):		-			
Request for Confidentiality:		No			
Reason For Confidentiality:					
Reporting Year:		2007			
Quantity of PERC (kg):		64.8			
Total Waste Water (kg):		0			
Total Waste Water (L):		-			
Total Residue (kg):		0			
Total Residue (L):		-			
Total Mix (kg):		410			
Total Mix (L):		-			
Request for Confidentiality:		No			
Reason For Confidentiality:		N/A			
Reporting Year:		2006			
Quantity of PERC (kg):		89			
Total Waste Water (kg):		561.7			
Total Waste Water (L):		-			
Total Residue (kg):		0			
Total Residue (L):		-			
Total Mix (kg):		0			
Total Mix (L):		-			
Request for Confidentiality:		No			
Reason For Confidentiality:		N/A			
Reporting Year:		2005			
Quantity of PERC (kg):		194.4			
Total Waste Water (kg):		205			
Total Waste Water (L):		-			
Total Residue (kg):		280			
Total Residue (L):		-			
Total Mix (kg):		0			
Total Mix (L):		-			
Request for Confidentiality:		No			
Reason For Confidentiality:		N/A			
Reporting Year:		2004			
Quantity of PERC (kg):		259.2			
Total Waste Water (kg):		-			
Total Waste Water (L):		-			
Total Residue (kg):		-			
Total Residue (L):		-			
Total Mix (kg):		-			
Total Mix (L):		-			
Request for Confidentiality:		No			
Reason For Confidentiality:		N/A			
<hr/>					
10	26 of 41	W/65.9	91.2 / -3.70	Quality Cleaners 1160 Beaverbrook Rd Manotick ON K4M1A2	CDRY

Legal Name of Company:
Region:
Type of Reporter:

Waste Quantity by Year

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Reporting Year:		2018			
Quantity of PERC (kg):		0			
Total Waste Water (kg):		0			
Total Waste Water (L):		0			
Total Residue (kg):		0			
Total Residue (L):		0			
Total Mix (kg):		0			
Total Mix (L):		0			
Request for Confidentiality:		No			
Reason For Confidentiality:					
10	27 of 41	W/65.9	91.2 / -3.70	ROBINSON'S FOODMARKETS INC 1160 BEAVERWOOD RD MANOTICK ON K4M1A5	PES
Detail Licence No:				Operator Box:	517
Licence No:		10715		Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:		Legacy Licenses (Excluding TS)		Oper Area Code:	613
Licence Type:		Retail Vendor Class 03		Oper Phone No:	6922828
Licence Type Code:		21		Operator Ext:	
Licence Class:		03		Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF URL:					
10	28 of 41	W/65.9	91.2 / -3.70	2626693 ONTARIO INC. O/A MCDONOUGH'S YOUR INDEPENDENT GROCER 1160 BEAVERWOOD RD. MANOTICK ON	PES
Detail Licence No:				Operator Box:	
Licence No:		18624		Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:		Legacy Licenses (Excluding TS)		Oper Area Code:	613
Licence Type:		Limited Vendor		Oper Phone No:	6922828
Licence Type Code:		23		Operator Ext:	
Licence Class:		01		Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF URL:					
10	29 of 41	W/65.9	91.2 / -3.70	Rexall Pharmacy Group Ltd. 1160 Beaverwood Rd Manotick ON K4M 1A3	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No: ON2849411 SIC Code: SIC Description: Approval Years: As of Jul 2020 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 261 A Waste Class Name: Pharmaceuticals Waste Class: 312 P Waste Class Name: Pathological wastes					
10	30 of 41	W/65.9	91.2 / -3.70	Caremedics Manotick Inc. 1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	GEN
Generator No: ON2574199 SIC Code: SIC Description: Approval Years: As of Jul 2020 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					
Waste Class: 312 P Waste Class Name: Pathological wastes					
10	31 of 41	W/65.9	91.2 / -3.70	QUALITY CLEANERS 1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	GEN
Generator No: ON1250600 SIC Code: SIC Description: Approval Years: As of Oct 2019 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:					
<u>Detail(s)</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class: Waste Class Name:		241 H Halogenated solvents and residues			
10	32 of 41	W/65.9	91.2 / -3.70	Caremedics Manotick Inc. 1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON2574199 As of Nov 2021 Canada Registered			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		312 P Pathological wastes			
10	33 of 41	W/65.9	91.2 / -3.70	Rexall Pharmacy Group Ltd. 1160 Beaverwood Rd Manotick ON K4M 1A3	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status: Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility:		ON2849411 As of Nov 2021 Canada Registered			
<u>Detail(s)</u>					
Waste Class: Waste Class Name:		312 P Pathological wastes			
Waste Class: Waste Class Name:		261 A Pharmaceuticals			
10	34 of 41	W/65.9	91.2 / -3.70	QUALITY CLEANERS 1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country: Status:		ON1250600 As of Nov 2021 Canada Registered			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div>Co Admin:</div> <div>Choice of Contact:</div> <div>Phone No Admin:</div> <div>Contaminated Facility:</div> <div>MHSW Facility:</div>					
<div>Detail(s)</div>					
Waste Class:		241 H			
Waste Class Name:		Halogenated solvents and residues			
10	35 of 41	W/65.9	91.2 / -3.70	Rexall Pharmacy Group Ltd. 1160 Beaverwood Rd Manotick ON K4M 1A3	GEN
Generator No:		ON2849411			
SIC Code:					
SIC Description:					
Approval Years:		As of Oct 2022			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<div>Detail(s)</div>					
Waste Class:		261 A			
Waste Class Name:		PHARMACEUTICALS			
Waste Class:		312 P			
Waste Class Name:		PATHOLOGICAL WASTES			
10	36 of 41	W/65.9	91.2 / -3.70	Caremedics Manotick Inc. 1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	GEN
Generator No:		ON2574199			
SIC Code:					
SIC Description:					
Approval Years:		As of Oct 2022			
PO Box No:					
Country:		Canada			
Status:		Registered			
Co Admin:					
Choice of Contact:					
Phone No Admin:					
Contaminated Facility:					
MHSW Facility:					
<div>Detail(s)</div>					
Waste Class:		312 P			
Waste Class Name:		PATHOLOGICAL WASTES			
10	37 of 41	W/65.9	91.2 / -3.70	1160 BEAVERWOOD RD MANOTICK ON K4M 1A5	PES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Detail Licence No: Licence No: L-232-6182881960 Status: Active Approval Date: June 7, 2022 Report Source: PEST-Limited Vendor Licence Type: Limited Vendor Licence Type Code: Licence Class: Licence Control: Latitude: 45.22361111 Longitude: -75.68444444 Lot: Concession: Region: District: County: Trade Name: PDF URL: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2654021 </div> <div> Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: Ottawa SWP Area Name: Rideau Valley </div> </div>					
10	38 of 41	W/65.9	91.2 / -3.70	Quality Cleaners 1160 Beaverwood Rd Manotick ON K4M1A2	GEN
<div> Generator No: ON5380733 SIC Code: SIC Description: Approval Years: As of Oct 2022 PO Box No: Country: Canada Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contaminated Facility: MHSW Facility: </div>					
<u>Detail(s)</u>					
<div> Waste Class: 241 H Waste Class Name: HALOGENATED SOLVENTS </div>					
10	39 of 41	W/65.9	91.2 / -3.70	1160 Beaverwood Road Ottawa ON	EHS
<div> <div> Order No: 23051100521 Status: C Report Type: Standard Report Report Date: 16-MAY-23 Date Received: 11-MAY-23 Previous Site Name: Lot/Building Size: Additional Info Ordered: </div> <div> Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6823811 Y: 45.2232868 </div> </div>					
10	40 of 41	W/65.9	91.2 / -3.70	1160 Beaverwood Road Ottawa ON	EHS
<div> <div> Order No: 23051100521 Status: C Report Type: Standard Report Report Date: 16-MAY-23 Date Received: 11-MAY-23 </div> <div> Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6823811 </div> </div>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Previous Site Name: Lot/Building Size: Additional Info Ordered:				Y: 45.2232868	
10	41 of 41	W/65.9	91.2 / -3.70	1160 Beaverwood Road Ottawa ON	EHS
Order No: 23051100521 Status: C Report Type: Standard Report Report Date: 16-MAY-23 Date Received: 11-MAY-23 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6823811 Y: 45.2232868			
11	1 of 1	SE/73.6	93.5 / -1.37	ON	BORE
Borehole ID: 611790 OGF ID: 215513103 Status: Type: Borehole Use: Completion Date: Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: -999 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 91.4 Elev Reliabil Note: DEM Ground Elev m: 92.3 Concession: Location D: Survey D: Comments:		Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: Township: Latitude DD: 45.222756 Longitude DD: -75.681056 UTM Zone: 18 Easting: 446531 Northing: 5007922 Location Accuracy: Accuracy: Not Applicable			
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: 218389213 Top Depth: 0 Bottom Depth: 15.2 Material Color: Material 1: Gravel Material 2: Clay Material 3: Material 4: Gsc Material Description: Stratum Description: GRAVEL,CLAY.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:			
Geology Stratum ID: 218389214 Top Depth: 15.2 Bottom Depth: Material Color: Grey Material 1: Bedrock Material 2: Material 3: Material 4:		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Gsc Material Description:					
Stratum Description:		BEDROCK. Y = 900. BEDROCK. SEISMIC VELOCITY = 18600. L. GREY. 00075TY = 18000.			
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: 042980 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				
12	1 of 1	NE/81.1	88.4 / -6.48	lot 2 con A ON	WWIS
Well ID:	1514616			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	05/20/1975
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	A
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NORTH GOWER TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1514616.pdf				
Additional Detail(s) (Map)					
Well Completed Date:	04/22/1975				
Year Completed:	1975				
Depth (m):	42.672				
Latitude:	45.223901485817				
Longitude:	-75.6809164890899				
Path:	151\1514616.pdf				
Bore Hole Information					
Bore Hole ID:	10036588			Elevation:	
DP2BR:				Elevrc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Spatial Status:				Zone:	18
Code OB:				East83:	446542.80
Code OB Desc:				North83:	5008049.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:		04/22/1975	UTMRC Desc:		margin of error : 30 m - 100 m
Remarks:		Location Method:		p4	
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931026798			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		100.0			
Formation End Depth:		140.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931026795			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		10.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931026796			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		10.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation End Depth:		29.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931026797			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		29.0			
Formation End Depth:		100.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961514616			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10585158			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930064665			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		140.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930064664			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		31.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991514616			
Pump Set At:					
Static Level:		15.0			
Final Level After Pumping:		20.0			
Recommended Pump Depth:		50.0			
Pumping Rate:		25.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934100439			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		20.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934901495			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		20.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934383038			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		20.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934644026			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		20.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933470512			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		135.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10036588			Tag No:	
Depth M:	42.672			Contractor:	1558
Year Completed:	1975			Latitude:	45.223901485817
Well Completed Dt:	04/22/1975			Longitude:	-75.6809164890899
Audit No:				Y:	45.2239014786241
Path:	151\1514616.pdf			X:	-75.6809163278135

[13](#)

1 of 1

SE/97.0

92.3 / -2.57

lot 3
ON

WWIS

Well ID:	1506485	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:	0	Data Src:	1
Final Well Status:	Water Supply	Date Received:	02/23/1949
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	3601
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliability:		Lot:	003
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	BF
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	NORTH GOWER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506485.pdf

Additional Detail(s) (Map)

Well Completed Date:	12/03/1948
Year Completed:	1948
Depth (m):	17.9832
Latitude:	45.2226239601888
Longitude:	-75.6807993397725
Path:	150\1506485.pdf

Bore Hole Information

Bore Hole ID:	10028521	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446550.80
Code OB Desc:		North83:	5007907.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	12/03/1948	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Loc Method Desc:	Original Pre1985 UTM Rel Code 9: unknown UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		931004642			
Layer:		1			
Color:					
General Color:					
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931004643			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5.0			
Formation End Depth:		25.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931004644			
Layer:		3			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		25.0			
Formation End Depth:		30.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931004645			
Layer:		4			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		30.0			
Formation End Depth:		59.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961506485			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10577091			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049785			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		59.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930049784			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		30.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991506485			
Pump Set At:					
Static Level:		16.0			
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:		No			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
<u>Water Details</u>					
Water ID:	933460634				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	52.0				
Water Found Depth UOM:	ft				
<u>Links</u>					
Bore Hole ID:	10028521			Tag No:	
Depth M:	17.9832			Contractor:	3601
Year Completed:	1948			Latitude:	45.2226239601888
Well Completed Dt:	12/03/1948			Longitude:	-75.6807993397725
Audit No:				Y:	45.222623953196205
Path:	150\1506485.pdf			X:	-75.68079917866329
<hr/>					
14	1 of 1	ENE/123.3	84.3 / -10.61	lot 3 ON	WWIS
Well ID:	1518957			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	06/20/1984
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	003
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NORTH GOWER TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518957.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	05/11/1984				
Year Completed:	1984				
Depth (m):	33.528				
Latitude:	45.2236276930348				
Longitude:	-75.6800343300261				
Path:	151\1518957.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10040827			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446611.80
Code OB Desc:				North83:	5008018.00
Open Hole:				Ora CS:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Cluster Kind:				UTMRC:	5
Date Completed:	05/11/1984			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	gis
Loc Method Desc:		from gis			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931040154			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		79			
Mat2 Desc:		PACKED			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		7.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931040155			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		7.0			
Formation End Depth:		61.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931040156			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		78			
Mat2 Desc:		MEDIUM-GRAINED			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		61.0			
Formation End Depth:		110.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	961518957				
Method Construction Code:	5				
Method Construction:	Air Percussion				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10589397				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930071273				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	110.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930071272				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	66.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				
Pump Test ID:	991518957				
Pump Set At:					
Static Level:	11.0				
Final Level After Pumping:	50.0				
Recommended Pump Depth:	70.0				
Pumping Rate:	10.0				
Flowing Rate:					
Recommended Pump Rate:	5.0				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	2				
Water State After Test:	CLOUDY				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934381102				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type: Draw Down					
Test Duration: 30					
Test Level: 50.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934900611					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 50.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934651078					
Test Type: Draw Down					
Test Duration: 45					
Test Level: 50.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934106361					
Test Type: Draw Down					
Test Duration: 15					
Test Level: 50.0					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933475810					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 90.0					
Water Found Depth UOM: ft					
<u>Water Details</u>					
Water ID: 933475811					
Layer: 2					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 108.0					
Water Found Depth UOM: ft					
<u>Links</u>					
Bore Hole ID: 10040827		Tag No:			
Depth M: 33.528		Contractor: 1558			
Year Completed: 1984		Latitude: 45.2236276930348			
Well Completed Dt: 05/11/1984		Longitude: -75.6800343300261			
Audit No:		Y: 45.22362768587543			
Path: 151\1518957.pdf		X: -75.6800341690447			
15	1 of 1	ESE/134.9	91.0 / -3.93	lot 3 ON	WWIS
Well ID: 1506491		Flowing (Y/N):			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	11/26/1957
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3601
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	003
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NORTH GOWER TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506491.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		11/02/1957			
Year Completed:		1957			
Depth (m):		12.8016			
Latitude:		45.2224919818652			
Longitude:		-75.680288272944			
Path:		150\1506491.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10028527		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446590.80
Code OB Desc:				North83:	5007892.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:		11/02/1957		UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Loc Method Desc:		Original Pre1985 UTM Rel Code 9: unknown UTM			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931004657			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation Top Depth:		0.0			
Formation End Depth:		36.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931004658			
Layer:		2			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		36.0			
Formation End Depth:		42.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961506491			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10577097			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930049795			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		36.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930049796			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		42.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991506491			
Pump Set At:					
Static Level:		8.0			
Final Level After Pumping:		11.0			
Recommended Pump Depth:					
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Water Details</u>					
Water ID:		933460642			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		42.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10028527			Tag No:	
Depth M:	12.8016			Contractor:	3601
Year Completed:	1957			Latitude:	45.2224919818652
Well Completed Dt:	11/02/1957			Longitude:	-75.680288272944
Audit No:				Y:	45.22249197467376
Path:	150\1506491.pdf			X:	-75.680288112007
<hr/>					
<u>16</u>	1 of 1	NW/135.1	94.8 / -0.06	PRIVATE RESIDENCE 5561 MAIN STREET, MANOTICK FURNACE OIL TANK RIDEAU TOWNSHIP ON	SPL
Ref No:	131938			Municipality No:	20612
Year:				Nature of Damage:	
Incident Dt:	9/14/1996			Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:	9/16/1996			Health/Env Conseq:	
Dt Document Closed:				Agency Involved:	
Site No:					
MOE Response:					
Site County/District:					
Site Geo Ref Meth:					
Site District Office:					
Nearest Watercourse:					
Site Name:					
Site Address:					
Site Region:					
Site Municipality:		RIDEAU TOWNSHIP			
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Easting:					
Incident Cause:		OTHER CONTAINER LEAK			
Incident Event:					
Environment Impact:		CONFIRMED			
Nature of Impact:		Soil contamination			
Contaminant Qty:					
System Facility Address:					
Client Name:					
Client Type:					
Source Type:					
Contaminant Code:					
Contaminant Name:					
Contaminant Limit 1:					
Contam Limit Freq 1:					
Contaminant UN No 1:					
Receiving Medium:		LAND			
Incident Reason:		CORROSION			
Incident Summary:		PRIVATE FUEL OIL TANK: SMALL LEAK OF FURNACE OIL TO EARTH BASEMENT FLOOR.			
Activity Preceding Spill:					
Property 2nd Watershed:					
Property Tertiary Watershed:					
Sector Type:					
SAC Action Class:					
Call Report Locatn Geodata:					

17

1 of 1

ESE/138.3

84.9 / -10.03

lot 3
ON

WWIS

Well ID:

1506486

Construction Date:

Use 1st:

Domestic

Use 2nd:

0

Final Well Status:

Water Supply

Water Type:

Casing Material:

Audit No:

Tag:

Constructn Method:

Elevation (m):

Elevatn Reliabilty:

Depth to Bedrock:

Well Depth:

Overburden/Bedrock:

Pump Rate:

Static Water Level:

Clear/Cloudy:

Municipality:

NORTH GOWER TOWNSHIP

Site Info:

Flowing (Y/N):

Flow Rate:

Data Entry Status:

Data Src:

1

Date Received:

12/07/1949

Selected Flag:

TRUE

Abandonment Rec:

Contractor:

3601

Form Version:

1

Owner:

County:

OTTAWA-CARLETON

Lot:

003

Concession:

Concession Name:

BF

Easting NAD83:

Northing NAD83:

Zone:

UTM Reliability:

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506486.pdf

Additional Detail(s) (Map)

Well Completed Date:

10/24/1949

Year Completed:

1949

Depth (m):

8.5344

Latitude:

45.2228542947796

Longitude:

-75.6799104729937

Path:

150\1506486.pdf

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Bore Hole ID:	10028522			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446620.80
Code OB Desc:				North83:	5007932.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	10/24/1949			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Loc Method Desc:		Original Pre1985 UTM Rel Code 9: unknown UTM			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931004647				
Layer:	2				
Color:					
General Color:					
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	24.0				
Formation End Depth:	28.0				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931004646				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	24.0				
Formation End Depth UOM:	ft				
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961506486				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:	10577092				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Casing No:	1				
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:	930049786				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	28.0				
Casing Diameter:	4.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				
Pump Test ID:	991506486				
Pump Set At:					
Static Level:	2.0				
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:	No				
 <u>Water Details</u>					
Water ID:	933460635				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	28.0				
Water Found Depth UOM:	ft				
 <u>Links</u>					
Bore Hole ID:	10028522			Tag No:	
Depth M:	8.5344			Contractor:	3601
Year Completed:	1949			Latitude:	45.2228542947796
Well Completed Dt:	10/24/1949			Longitude:	-75.6799104729937
Audit No:				Y:	45.22285428792206
Path:	150\1506486.pdf			X:	-75.67991031213415
<hr/>					
18	1 of 1	WNW/144.7	92.9 / -2.01	5562 Manotick Main Street Ottawa ON	EHS
Order No:	20110224001			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	3/1/2011			Search Radius (km):	0.25
Date Received:	2/24/2011 8:58:08 AM			X:	-75.682944

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Previous Site Name:				Y:	45.224168
Lot/Building Size:					
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans			
19	1 of 1	N/147.5	94.5 / -0.40	lot 2 ON	WWIS
Well ID:		1512080		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:		0		Data Src:	
Final Well Status:		Water Supply		Date Received:	
Water Type:				Selected Flag:	
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	
Tag:				Form Version:	
Constructn Method:				Owner:	
Elevation (m):				County:	
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NORTH GOWER TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1512080.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		11/01/1972			
Year Completed:		1972			
Depth (m):		25.908			
Latitude:		45.2246438524907			
Longitude:		-75.6817150935149			
Path:		151\1512080.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10034073		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		11/01/1972		UTMRC Desc:	
Remarks:				Location Method:	
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation ID:		931019568			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		52.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931019569			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		52.0			
Formation End Depth:		85.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961512080			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10582643			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930060468			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		54.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930060469			
Layer:		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		85.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991512080			
Pump Set At:					
Static Level:		20.0			
Final Level After Pumping:		60.0			
Recommended Pump Depth:		65.0			
Pumping Rate:		10.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934098710			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934376303			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934646638			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934894795			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Water ID:		933467422			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		83.0			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		933467421			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10034073			Tag No:	
Depth M:	25.908			Contractor:	1558
Year Completed:	1972			Latitude:	45.2246438524907
Well Completed Dt:	11/01/1972			Longitude:	-75.6817150935149
Audit No:				Y:	45.22464384506276
Path:	151\1512080.pdf			X:	-75.68171493246948

20	1 of 1	E/148.3	83.9 / -11.01	lot 3 ON	WWIS
<hr/>					
Well ID:	1506488			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	12/10/1954
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	4825
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	003
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NORTH GOWER TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506488.pdf			

Additional Detail(s) (Map)

Well Completed Date: 10/20/1954
 Year Completed: 1954
 Depth (m): 11.8872
 Latitude: 45.2232158485577
 Longitude: -75.6796600337435
 Path: 150\1506488.pdf

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Bore Hole ID:	10028524			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446640.80
Code OB Desc:				North83:	5007972.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	10/20/1954			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Loc Method Desc:		Original Pre1985 UTM Rel Code 9: unknown UTM			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931004651				
Layer:	2				
Color:					
General Color:					
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	37.0				
Formation End Depth:	39.0				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931004650				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	37.0				
Formation End Depth UOM:	ft				
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961506488				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
 <u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10577094			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049790			
Layer:		2			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		39.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930049789			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		38.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991506488			
Pump Set At:					
Static Level:		4.0			
Final Level After Pumping:		5.0			
Recommended Pump Depth:					
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933460639			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		37.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10028524			Tag No:	
Depth M:	11.8872			Contractor:	4825

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Year Completed:	1954			Latitude:	45.2232158485577
Well Completed Dt:	10/20/1954			Longitude:	-75.6796600337435
Audit No:				Y:	45.22321584212744
Path:	150\1506488.pdf			X:	-75.67965987266527

21	1 of 1	NW/150.0	95.1 / 0.19	lot 3 ON	WWIS
Well ID:	1517784			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	03/03/1982
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	003
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NORTH GOWER TOWNSHIP			
Site Info:					
PDF URL (Map):					https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1517784.pdf

Additional Detail(s) (Map)

Well Completed Date:	03/23/1981
Year Completed:	1981
Depth (m):	33.528
Latitude:	45.2245409629977
Longitude:	-75.6823634888672
Path:	151\1517784.pdf

Bore Hole Information

Bore Hole ID:	10039656	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446429.80
Code OB Desc:		North83:	5008121.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	03/23/1981	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation ID:		931036329			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		12.0			
Formation End Depth:		22.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931036332			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		18			
Mat2 Desc:		SANDSTONE			
Mat3:		73			
Mat3 Desc:		HARD			
Formation Top Depth:		60.0			
Formation End Depth:		94.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931036330			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		22.0			
Formation End Depth:		24.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931036333			
Layer:		6			
Color:		2			
General Color:		GREY			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:		74			
Mat2 Desc:		LAYERED			
Mat3:		73			
Mat3 Desc:		HARD			
Formation Top Depth:		94.0			
Formation End Depth:		110.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931036331			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		78			
Mat2 Desc:		MEDIUM-GRAINED			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		24.0			
Formation End Depth:		60.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931036328			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		12.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961517784			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10588226			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930069327			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		110.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930069326			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		28.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991517784			
Pump Set At:					
Static Level:					
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:					
Water State After Test:					
Pumping Test Method:		1			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:		No			
<u>Water Details</u>					
Water ID:		933474334			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		33.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933474335			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		65.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10039656			Tag No:	
Depth M:	33.528			Contractor:	1558
Year Completed:	1981			Latitude:	45.2245409629977
Well Completed Dt:	03/23/1981			Longitude:	-75.6823634888672
Audit No:				Y:	45.224540955716904
Path:	151\1517784.pdf			X:	-75.6823633281508

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	1 of 3	WNW/150.5	92.9 / -2.01	5560 Manotick Main Street Manotick ON K4M	EHS
Order No: 23060601396 Status: C Report Type: Standard Report Report Date: 09-JUN-23 Date Received: 06-JUN-23 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6829848 Y: 45.2242146			
22	2 of 3	WNW/150.5	92.9 / -2.01	5560 Manotick Main Street Manotick ON K4M	EHS
Order No: 23060601396 Status: C Report Type: Standard Report Report Date: 09-JUN-23 Date Received: 06-JUN-23 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6829848 Y: 45.2242146			
22	3 of 3	WNW/150.5	92.9 / -2.01	5560 Manotick Main Street Manotick ON K4M	EHS
Order No: 23060601396 Status: C Report Type: Standard Report Report Date: 09-JUN-23 Date Received: 06-JUN-23 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.6829848 Y: 45.2242146			
23	1 of 1	W/152.1	88.8 / -6.07	1160D Beaverwood Drive, Manotick ON	INC
Incident No: 441918 Incident ID: 2593728 Instance No: Status Code: Causal Analysis Complete Incident Status: Incident Severity: Task No: Attribute Category: FS-Incident Context: Date of Occurrence: Time of Occurrence: Occr Insp Start Dt: Incident Creat On: Instance Creat Dt: Instance Install Dt: Approx Quant Rel: Tank Capacity: Fuels Occur Type: Occur Type Rpt: Occur Category: Fuel Type Involved: Fuel Type Reported:		Any Health Impact: Any Enviro Impact: Service Intrap: Was Prop Damaged: Reside App. Type: Commer App. Type: Indus App. Type: Institut App. Type: Depth Ground Cover: 0.8 Operation Pressure: 65 Equipment Type: Equipment Model: Serial No: Cylinder Capacity: Cylinder Cap Units: Cylinder Mat Type: Pump Flow Rate Cap: Contam. Migrated: Near Body of Water: Drainage System: Sub Surface Contam: Tank Material Type:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Enforcement Policy:			Tank Storage Type:		
Prc Escalation Req:			Tank Location Type:		
Item:					
Item Description:					
Device Installed Location:					
Venting Type:					
Vent Conn Mater:					
Vent Chimney Mater:					
Pipeline Type:		Service / Riser Distribution Pipeline			
Pipeline Involved:					
Pipe Material:		Plastic			
Regulator Location:		Outside			
Regulator Type:		Service Regulator (up to 60 psi intake)			
Liquid Prop Make:					
Liquid Prop Model:					
Liquid Prop Serial No:					
Liquid Prop Notes:					
Inventory Address:		1160D Beaverwood Drive, Manotick - 1 1/4" Pipeline Hit			
Invent Postal Code:					
Notes:					
Contact Natural Env:					
Aff Prop Use Water:					
Occurence Narrative:		1.25" main.			
Operation Type Involved:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1514263.pdf

Well Completed Date: 08/15/1974
Year Completed: 1974
Depth (m): 21.336
Latitude: 45.2247332535573
Longitude: -75.6818180644039
Path: 151\1514263.pdf

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Bore Hole ID:	10036240			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446472.80
Code OB Desc:				North83:	5008142.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	08/15/1974			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931025762				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	20.0				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931025763				
Layer:	2				
Color:					
General Color:					
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:	13				
Mat2 Desc:	BOULDERS				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	20.0				
Formation End Depth:	25.0				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931025764				
Layer:	3				
Color:					
General Color:					
Mat1:	17				
Most Common Material:	SHALE				
Mat2:					
Mat2 Desc:					
Mat3:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:					
Formation Top Depth:		25.0			
Formation End Depth:		70.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961514263			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10584810			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930064030			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		70.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930064029			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		25.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991514263			
Pump Set At:					
Static Level:		18.0			
Final Level After Pumping:		30.0			
Recommended Pump Depth:		50.0			
Pumping Rate:		15.0			
Flowing Rate:					
Recommended Pump Rate:		15.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		10			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934642887			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		25.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934099152			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		18.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934900356			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		30.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381896			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		25.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933470103			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10036240			Tag No:	
Depth M:	21.336			Contractor:	2557
Year Completed:	1974			Latitude:	45.2247332535573
Well Completed Dt:	08/15/1974			Longitude:	-75.6818180644039
Audit No:				Y:	45.22473324681367
Path:	151\1514263.pdf			X:	-75.68181790271564

25	1 of 1	WNW/161.9	90.7 / -4.20	5562 MANOTICK MAIN STREET lot 2 con A MANOTICK ON	WWIS
Well ID:	7165034			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Test Hole			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Test Hole			Date Received:	07/12/2011

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z127823			Contractor:	6964
Tag:	A108238			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	A
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:					
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/716\7165034.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		04/14/2011			
Year Completed:		2011			
Depth (m):		4.07			
Latitude:		45.2239586737402			
Longitude:		-75.6833984597171			
Path:		716\7165034.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1003531832		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				18	
Code OB Desc:				East83:	
Open Hole:				446348.00	
Cluster Kind:				North83:	
Date Completed:		04/14/2011		5008057.00	
Remarks:				Org CS:	
Loc Method Desc:		on Water Well Record		UTM83	
Elevrc Desc:				UTMRC:	
Location Source Date:				3	
Improvement Location Source:				UTMRC Desc:	
Improvement Location Method:				margin of error : 10 - 30 m	
Source Revision Comment:				Location Method:	
Supplier Comment:				wwr	
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1003858633			
Layer:		4			
Color:		6			
General Color:		BROWN			
Mat1:					
Most Common Material:					
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		06			
Mat3 Desc:		SILT			
Formation Top Depth:		2.5899999141693115			
Formation End Depth:		4.070000171661377			
Formation End Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1003858630			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:					
Most Common Material:					
Mat2:					
Mat2 Desc:					
Mat3:		01			
Mat3 Desc:		FILL			
Formation Top Depth:		0.0			
Formation End Depth:		0.7900000214576721			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1003858632			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:					
Most Common Material:					
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		06			
Mat3 Desc:		SILT			
Formation Top Depth:		2.130000114440918			
Formation End Depth:		2.5899999141693115			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1003858631			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:					
Most Common Material:					
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		06			
Mat3 Desc:		SILT			
Formation Top Depth:		0.7900000214576721			
Formation End Depth:		2.130000114440918			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003858643			
Layer:		4			
Plug From:		3.8499999046325684			
Plug To:		4.070000171661377			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID: 1003858642					
Layer: 3					
Plug From: 1.2000000476837158					
Plug To: 3.8499999046325684					
Plug Depth UOM: m					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID: 1003858641					
Layer: 2					
Plug From: 0.25					
Plug To: 1.2000000476837158					
Plug Depth UOM: m					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID: 1003858640					
Layer: 1					
Plug From: 0.0					
Plug To: 0.25					
Plug Depth UOM: m					
<u>Method of Construction & Well Use</u>					
Method Construction ID: 1003858639					
Method Construction Code: B					
Method Construction: Other Method					
Other Method Construction: HOLLOW STERN					
<u>Pipe Information</u>					
Pipe ID: 1003858629					
Casing No: 0					
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID: 1003858636					
Layer: 1					
Material: 5					
Open Hole or Material: PLASTIC					
Depth From: 0.0					
Depth To: 1.5					
Casing Diameter: 5.199999809265137					
Casing Diameter UOM: cm					
Casing Depth UOM: m					
<u>Construction Record - Screen</u>					
Screen ID: 1003858637					
Layer: 1					
Slot: 10					
Screen Top Depth: 1.5					
Screen End Depth: 3.5999999046325684					
Screen Material: 5					
Screen Depth UOM: m					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Screen Diameter UOM:		cm			
Screen Diameter:		6.0			
 <u>Water Details</u>					
Water ID:		1003858635			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		1.4500000476837158			
Water Found Depth UOM:		m			
 <u>Hole Diameter</u>					
Hole ID:		1003858634			
Diameter:		22.0			
Depth From:		0.0			
Depth To:		4.070000171661377			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
 <u>Links</u>					
Bore Hole ID:	1003531832			Tag No:	A108238
Depth M:	4.07			Contractor:	6964
Year Completed:	2011			Latitude:	45.2239586737402
Well Completed Dt:	04/14/2011			Longitude:	-75.6833984597171
Audit No:	Z127823			Y:	45.22395866687161
Path:	716\7165034.pdf			X:	-75.68339829845557
<hr/>					
<u>26</u>	1 of 1	NW/172.2	95.0 / 0.12	5557 Manotick Main St Ottawa ON K4M1L6	EHS
Order No:	20131008030			Nearest Intersection:	
Status:	C			Municipality:	Ottawa
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	18-OCT-13			Search Radius (km):	.25
Date Received:	08-OCT-13			X:	-75.682738
Previous Site Name:				Y:	45.224621
Lot/Building Size:	0.27 acres				
Additional Info Ordered:					
<hr/>					
<u>27</u>	1 of 1	WNW/185.3	91.2 / -3.65	lot 2 ON	WWIS
Well ID:	1514484			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	01/10/1975
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Clear/Cloudy: Municipality: Site Info:				Zone: UTM Reliability:	
		NORTH GOWER TOWNSHIP			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1514484.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		12/16/1974			
Year Completed:		1974			
Depth (m):		14.6304			
Latitude:		45.2243910080305			
Longitude:		-75.6833552365524			
Path:		151\1514484.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10036457		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446351.80
Code OB Desc:				North83:	5008105.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:		12/16/1974		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931026370			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		18.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931026371			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		18.0			
Formation End Depth:		48.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961514484			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10585027			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930064432			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		48.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930064431			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		24.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991514484			
Pump Set At:					
Static Level:		10.0			
Final Level After Pumping:		30.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		20.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934900957				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	30.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934100317				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	30.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934643488				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	30.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934382499				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	30.0				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933470361				
Layer:	2				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	47.0				
Water Found Depth UOM:	ft				
<u>Water Details</u>					
Water ID:	933470360				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	35.0				
Water Found Depth UOM:	ft				
<u>Links</u>					
Bore Hole ID:	10036457			Tag No:	
Depth M:	14.6304			Contractor:	1558
Year Completed:	1974			Latitude:	45.2243910080305
Well Completed Dt:	12/16/1974			Longitude:	-75.6833552365524

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Audit No:				Y:	45.22439100066645
Path:	151\1514484.pdf			X:	-75.68335507599369
<hr/>					
28	1 of 1	N/188.6	87.9 / -7.01	5557 DICKINSON STREET, MANOTICK ON	INC
Incident No:	418790			Any Health Impact:	
Incident ID:	2570492			Any Enviro Impact:	
Instance No:				Service Intrap:	
Status Code:	Causal Analysis Complete			Was Prop Damaged:	
Incident Status:				Reside App. Type:	
Incident Severity:				Commer App. Type:	
Task No:				Indus App. Type:	
Attribute Category:	FS-Incident			Institut App. Type:	
Context:				Depth Ground Cover:	0.9
Date of Occurrence:				Operation Pressure:	60
Time of Occurrence:				Equipment Type:	
Occr Insp Start Dt:				Equipment Model:	
Incident Creat On:				Serial No:	
Instance Creat Dt:				Cylinder Capacity:	
Instance Install Dt:				Cylinder Cap Units:	
Approx Quant Rel:				Cylinder Mat Type:	
Tank Capacity:				Pump Flow Rate Cap:	
Fuels Occur Type:				Contam. Migrated:	
Occur Type Rpt:				Near Body of Water:	
Occur Category:				Drainage System:	
Fuel Type Involved:				Sub Surface Contam:	
Fuel Type Reported:				Tank Material Type:	
Enforcement Policy:				Tank Storage Type:	
Prc Escalation Req:				Tank Location Type:	
Item:					
Item Description:					
Device Installed Location:					
Venting Type:					
Vent Conn Mater:					
Vent Chimney Mater:					
Pipeline Type:	Service / Riser Distribution Pipeline				
Pipeline Involved:					
Pipe Material:	Plastic				
Regulator Location:	Outside				
Regulator Type:	Service Regulator (up to 60 psi intake)				
Liquid Prop Make:					
Liquid Prop Model:					
Liquid Prop Serial No:					
Liquid Prop Notes:					
Inventory Address:	5557 DICKINSON STREET, MANOTICK - 1 1/4" PIPELINE HIT				
Invent Postal Code:					
Notes:					
Contact Natural Env:					
Aff Prop Use Water:					
Occurrence Narrative:					
Operation Type Involved:					
<hr/>					
29	1 of 1	WNW/190.1	91.2 / -3.65	5552 Manotick Main Street Manotick ON K4M	EHS
Order No:	20190430172			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	06-MAY-19			Search Radius (km):	.25
Date Received:	30-APR-19			X:	-75.68352
Previous Site Name:				Y:	45.22431
Lot/Building Size:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Additional Info Ordered:		Fire Insur. Maps and/or Site Plans			
30	1 of 1	NW/192.5	92.6 / -2.31	lot 2 con A ON	WWIS
Well ID: 7386051		Flowing (Y/N):			
Construction Date:		Flow Rate:			
Use 1st:		Data Entry Status: Yes			
Use 2nd:		Data Src:			
Final Well Status:		Date Received: 04/28/2021			
Water Type:		Selected Flag: TRUE			
Casing Material:		Abandonment Rec:			
Audit No: Z359357		Contractor: 7241			
Tag: A318280		Form Version: 7			
Constructn Method:		Owner:			
Elevation (m):		County: OTTAWA-CARLETON			
Elevatn Reliabilty:		Lot: 002			
Depth to Bedrock:		Concession: A			
Well Depth:		Concession Name: CON			
Overburden/Bedrock:		Easting NAD83:			
Pump Rate:		Northing NAD83:			
Static Water Level:		Zone:			
Clear/Cloudy:		UTM Reliability:			
Municipality: NORTH GOWER TOWNSHIP					
Site Info:					
<u>Bore Hole Information</u>					
Bore Hole ID: 1008650270		Elevation:			
DP2BR:		Elevrc:			
Spatial Status:		Zone: 18			
Code OB:		East83: 446370.00			
Code OB Desc:		North83: 5008133.00			
Open Hole:		Org CS: UTM83			
Cluster Kind:		UTMRC: 4			
Date Completed: 04/05/2021		UTMRC Desc: margin of error : 30 m - 100 m			
Remarks:		Location Method: wwr			
Loc Method Desc: on Water Well Record					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Links</u>					
Bore Hole ID: 1008650270		Tag No: A318280			
Depth M:		Contractor: 7241			
Year Completed: 2021		Latitude: 45.224644420879			
Well Completed Dt: 04/05/2021		Longitude: -75.6831264453095			
Audit No: Z359357		Y: 45.22464441392756			
Path: 738\7386051.pdf		X: -75.68312628412839			
31	1 of 1	NNW/194.1	95.1 / 0.25	lot 2 ON	WWIS
Well ID: 1506480		Flowing (Y/N):			
Construction Date:		Flow Rate:			
Use 1st: Domestic		Data Entry Status:			
Use 2nd: 0		Data Src: 1			
Final Well Status: Water Supply		Date Received: 09/05/1962			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:				Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	TRUE 3601 1 OTTAWA-CARLETON 002 BF
PDF URL (Map):		NORTH GOWER TOWNSHIP			https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506480.pdf
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: Path:		07/09/1962 1962 24.6888 45.2249547014525 -75.682419390155 150\1506480.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	10028516 07/09/1962 Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	 18 446425.80 5008167.00 5 margin of error : 100 m - 300 m p5	
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	931004631 3 15 LIMESTONE 49.0 81.0 ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931004630			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		39.0			
Formation End Depth:		49.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931004629			
Layer:		1			
Color:					
General Color:					
Mat1:		13			
Most Common Material:		BOULDERS			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		39.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961506480			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10577086			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049775			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		81.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930049774			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		49.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991506480			
Pump Set At:					
Static Level:		30.0			
Final Level After Pumping:		35.0			
Recommended Pump Depth:		65.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933460629			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		81.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10028516			Tag No:	
Depth M:	24.6888			Contractor:	3601
Year Completed:	1962			Latitude:	45.2249547014525
Well Completed Dt:	07/09/1962			Longitude:	-75.682419390155
Audit No:				Y:	45.224954693663726
Path:	150\1506480.pdf			X:	-75.68241922846104

32	1 of 1	NW/195.8	93.9 / -1.01	lot 2 con A ON	WWIS
Well ID:	7386187			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	Yes
Use 2nd:				Data Src:	
Final Well Status:				Date Received:	04/28/2021
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z359384			Contractor:	7241
Tag:	A318143			Form Version:	7

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:				Owner: County: OTTAWA-CARLETON Lot: 002 Concession: A Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
NORTH GOWER TOWNSHIP					
<u>Bore Hole Information</u>					
Bore Hole ID: 1008650678 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 04/05/2021 Remarks: Loc Method Desc: on Water Well Record Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:				Elevation: Elevrc: Zone: 18 East83: 446376.00 North83: 5008142.00 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr	
<u>Links</u>					
Bore Hole ID: 1008650678 Depth M: Year Completed: 2021 Well Completed Dt: 04/05/2021 Audit No: Z359384 Path: 738\7386187.pdf				Tag No: A318143 Contractor: 7241 Latitude: 45.2247258863382 Longitude: -75.6830509943055 Y: 45.22472587897725 X: -75.68305083284919	
33	1 of 2	NNW/198.3	95.0 / 0.07	Enbridge Gas Distribution Inc. 1130 O'Grady St, Manotick Ottawa ON	SPL
Ref No: 8008-ABUJ2G Year: Incident Dt: 2016/07/14 Dt MOE Arvl on Scn: MOE Reported Dt: 2016/07/14 Dt Document Closed: 2016/08/10 Site No: NA MOE Response: No Site County/District: Site Geo Ref Meth: Site District Office: Nearest Watercourse: Site Name: ENbridge<UNOFFICIAL> Site Address: 1130 O'Grady St, Manotick Site Region: Site Municipality: Ottawa Site Lot: Site Conc: Site Geo Ref Accu:				Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Map Datum: Northings: Easting: Incident Cause: Incident Event: Leak/Break Environment Impact: Nature of Impact: Contaminant Qty: 0 other - see incident description System Facility Address: Client Name: Enbridge Gas Distribution Inc. Client Type: Source Type: Contaminant Code: 35 Contaminant Name: NATURAL GAS (METHANE) Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Receiving Medium: Air Incident Reason: Operator/Human Error Incident Summary: TSSA/Enbridge: 1/2 " gasline damage Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: Unknown / N/A SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill Call Report Locatn Geodata:					
33	2 of 2	NNW/198.3	95.0 / 0.07	WHITESTONE DESIGN BUILD 1130 O'GRADY ST,,MANOTICK,ON,,CA ON	PINC
Incident Id: Incident No: 1903344 Incident Reported Dt: 7/14/2016 Type: FS-Pipeline Incident Status Code: Tank Status: Pipeline Damage Reason Est Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: WHITESTONE DESIGN BUILD Incident Address: 1130 O'GRADY ST,,MANOTICK,ON,,CA Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:					
Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details:					
34	1 of 1	NNE/199.2	85.4 / -9.45	lot 2 ON	WWIS
Well ID: 1506460 Construction Date: Use 1st: Domestic Flowing (Y/N): Flow Rate: Data Entry Status:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	12/09/1954
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3113
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NORTH GOWER TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506460.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	04/08/1954				
Year Completed:	1954				
Depth (m):	28.3464				
Latitude:	45.2250538333179				
Longitude:	-75.6808920328				
Path:	150\1506460.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10028496			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446545.80
Code OB Desc:				North83:	5008177.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	04/08/1954			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Loc Method Desc:		Original Pre1985 UTM Rel Code 9: unknown UTM			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931004582				
Layer:	1				
Color:					
General Color:					
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:	12				
Mat2 Desc:	STONES				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	30.0				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931004583			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		30.0			
Formation End Depth:		93.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961506460			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10577066			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049734			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		93.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930049733			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		30.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test ID:					
991506460					
Pump Set At:					
Static Level:					
20.0					
Final Level After Pumping:					
48.0					
Recommended Pump Depth:					
Pumping Rate:					
78.0					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:					
ft					
Rate UOM:					
GPM					
Water State After Test Code:					
1					
Water State After Test:					
CLEAR					
Pumping Test Method:					
1					
Pumping Duration HR:					
0					
Pumping Duration MIN:					
15					
Flowing:					
No					
Water Details					
Water ID:					
933460609					
Layer:					
1					
Kind Code:					
1					
Kind:					
FRESH					
Water Found Depth:					
92.0					
Water Found Depth UOM:					
ft					
Links					
Bore Hole ID:					
10028496					
Depth M:					
28.3464					
Year Completed:					
1954					
Well Completed Dt:					
04/08/1954					
Audit No:					
Path:					
150\1506460.pdf					
Tag No:					
Contractor:					
3113					
Latitude:					
45.2250538333179					
Longitude:					
-75.6808920328					
Y:					
45.225053825856335					
X:					
-75.68089187198962					

35	1 of 1	WNW/201.1	91.5 / -3.40	lot 2 ON	WWIS
Well ID:					
1506473					
Construction Date:					
Use 1st:					
Domestic					
Use 2nd:					
0					
Final Well Status:					
Water Supply					
Water Type:					
Casing Material:					
Audit No:					
Tag:					
Constructn Method:					
Elevation (m):					
Elevatn Reliabilty:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Clear/Cloudy:					
Municipality:					
NORTH GOWER TOWNSHIP					
Site Info:					
Flowing (Y/N):					
Flow Rate:					
Data Entry Status:					
Data Src:					
1					
Date Received:					
12/19/1958					
Selected Flag:					
TRUE					
Abandonment Rec:					
Contractor:					
3601					
Form Version:					
1					
Owner:					
County:					
OTTAWA-CARLETON					
Lot:					
002					
Concession:					
Concession Name:					
BF					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					
PDF URL (Map):					
https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506473.pdf					
Additional Detail(s) (Map)					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Well Completed Date:		11/24/1958			
Year Completed:		1958			
Depth (m):		14.0208			
Latitude:		45.2245435665619			
Longitude:		-75.6834334908685			
Path:		150\1506473.pdf			
 <u>Bore Hole Information</u>					
Bore Hole ID:	10028509			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446345.80
Code OB Desc:				North83:	5008122.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	11/24/1958			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931004611				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	13				
Mat2 Desc:	BOULDERS				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	35.0				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931004612				
Layer:	2				
Color:					
General Color:					
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	35.0				
Formation End Depth:	46.0				
Formation End Depth UOM:	ft				
 <u>Method of Construction & Well</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Use</u>					
Method Construction ID:		961506473			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10577079			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049761			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		46.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930049760			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		36.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991506473			
Pump Set At:					
Static Level:		16.0			
Final Level After Pumping:		20.0			
Recommended Pump Depth:					
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933460622			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind Code: 1 Kind: FRESH Water Found Depth: 46.0 Water Found Depth UOM: ft					
Links					
Bore Hole ID: 10028509 Depth M: 14.0208 Year Completed: 1958 Well Completed Dt: 11/24/1958 Audit No: Path: 150\1506473.pdf					
Tag No: Contractor: 3601 Latitude: 45.2245435665619 Longitude: -75.6834334908685 Y: 45.224543559997684 X: -75.683433329996					
36	1 of 1	S/205.8	90.6 / -4.32	1161 Gaddis Court, Manotick ON	PINC
Incident Id: Incident No: 836030 Incident Reported Dt: Type: FS-Pipeline Incident Status Code: Pipeline Damage Reason Est Tank Status: RC Established Task No: 3887299 Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: 2012/07/04 Depth: Customer Acct Name: Incident Address: Operation Type: Pipeline Type: Regulator Type: Summary: 1161 Gaddis Court, Manotick - 1/2" Pipeline Hit Reported By: Jeff.Stiles@enbridge.com Affiliation: Occurrence Desc: Damage Reason: Excavation practices not sufficient Notes:					
Pipe Material: Fuel Category: Natural Gas Health Impact: Environment Impact: Property Damage: Yes Service Interrupt: Enforce Policy: Yes Public Relation: Pipeline System: PSIG: Attribute Category: FS-Perform P-line Inc Invest Regulator Location: Method Details: E-mail					
37	1 of 1	NNW/206.4	93.9 / -1.01	lot 2 ON	WWIS
Well ID: 1506482 Construction Date: Use 1st: Domestic Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level:					
Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 09/21/1964 Selected Flag: TRUE Abandonment Rec: Contractor: 3601 Form Version: 1 Owner: County: OTTAWA-CARLETON Lot: 002 Concession: Concession Name: BF Easting NAD83: Northing NAD83: Zone:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Clear/Cloudy:				UTM Reliability:	
Municipality:		NORTH GOWER TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506482.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		07/21/1964			
Year Completed:		1964			
Depth (m):		23.7744			
Latitude:		45.2251366223035			
Longitude:		-75.6821031198179			
Path:		150\1506482.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10028518		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446450.80
Code OB Desc:				North83:	5008187.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:		07/21/1964		UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931004635			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		23.0			
Formation End Depth:		30.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931004634			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		02			
Mat2 Desc:		TOPSOIL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		23.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931004636			
Layer:		3			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		30.0			
Formation End Depth:		78.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961506482			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10577088			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049778			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		33.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930049779			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		78.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991506482			
Pump Set At:					
Static Level:		18.0			
Final Level After Pumping:		20.0			
Recommended Pump Depth:		70.0			
Pumping Rate:		3.0			
Flowing Rate:					
Recommended Pump Rate:		3.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933460631			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		75.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10028518			Tag No:	
Depth M:	23.7744			Contractor:	3601
Year Completed:	1964			Latitude:	45.2251366223035
Well Completed Dt:	07/21/1964			Longitude:	-75.6821031198179
Audit No:				Y:	45.2251366146223
Path:	150\1506482.pdf			X:	-75.68210295868835
38	1 of 1	N/207.2	89.5 / -5.38	lot 2 ON	WWIS
Well ID:	1506462			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	11/16/1955
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3113
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NORTH GOWER TOWNSHIP			
Site Info:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506462.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		05/02/1955			
Year Completed:		1955			
Depth (m):		29.2608			
Latitude:		45.2251854287533			
Longitude:		-75.6814668089377			
Path:		150\1506462.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10028498		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		05/02/1955		UTMRC Desc:	
Remarks:				Location Method:	
Loc Method Desc:		Original Pre1985 UTM Rel Code 9: unknown UTM			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931004586			
Layer:		1			
Color:					
General Color:					
Mat1:		01			
Most Common Material:		FILL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931004587			
Layer:		2			
Color:					
General Color:					
Mat1:		13			
Most Common Material:		BOULDERS			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5.0			
Formation End Depth:		24.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931004588			
Layer:		3			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		24.0			
Formation End Depth:		45.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931004589			
Layer:		4			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		45.0			
Formation End Depth:		96.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961506462			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10577068			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049737			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		45.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

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

Casing ID: 930049738
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 96.0
Casing Diameter: 4.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991506462
Pump Set At:
Static Level: 16.0
Final Level After Pumping: 16.0
Recommended Pump Depth:
Pumping Rate: 2.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 0
Pumping Duration MIN: 30
Flowing: No

Water Details

Water ID: 933460611
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 96.0
Water Found Depth UOM: ft

Links

Bore Hole ID:	10028498	Tag No:	
Depth M:	29.2608	Contractor:	3113
Year Completed:	1955	Latitude:	45.2251854287533
Well Completed Dt:	05/02/1955	Longitude:	-75.6814668089377
Audit No:		Y:	45.225185421975745
Path:	150\1506462.pdf	X:	-75.6814666480431

[39](#)

1 of 2

N/207.8

87.9 / -7.01

lot 2
ON

WWIS

Well ID:	1509857	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:	0	Data Src:	1
Final Well Status:	Water Supply	Date Received:	11/28/1968
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	1301

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div>Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:</div>				<div>Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:</div>	<div>1 OTTAWA-CARLETON 002 BF </div>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931013234			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		36.0			
Formation End Depth:		76.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961509857			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10580459			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930056409			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		38.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930056410			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		76.0			
Casing Diameter:		2.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991509857			
Pump Set At:					
Static Level:		15.0			
Final Level After Pumping:		17.0			
Recommended Pump Depth:		25.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Rate: 5.0 Flowing Rate: Recommended Pump Rate: 5.0 Levels UOM: ft Rate UOM: GPM Water State After Test Code: 2 Water State After Test: CLOUDY Pumping Test Method: 1 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: No					
<u>Water Details</u>					
Water ID: 933464749 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 75.0 Water Found Depth UOM: ft					
<u>Links</u>					
Bore Hole ID: 10031889 Depth M: 23.1648 Year Completed: 1968 Well Completed Dt: 11/19/1968 Audit No: Path: 150\1509857.pdf					
Tag No: Contractor: 1301 Latitude: 45.2251861886854 Longitude: -75.6813394391 Y: 45.22518618184697 X: -75.68133927775769					
39	2 of 2	N/207.8	87.9 / -7.01	lot 2 con A ON	WWIS
Well ID: 1511031 Construction Date: Use 1st: Domestic Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: NORTH GOWER TOWNSHIP Site Info:					
Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 01/22/1971 Selected Flag: TRUE Abandonment Rec: Contractor: 3504 Form Version: 1 Owner: County: OTTAWA-CARLETON Lot: 002 Concession: A Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1511031.pdf					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: 11/11/1970 Year Completed: 1970 Depth (m): 28.956 Latitude: 45.2251861886854					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Longitude:		-75.6813394391			
Path:		151\1511031.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10033033			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446510.80
Code OB Desc:				North83:	5008192.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	11/11/1970			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931016504				
Layer:	1				
Color:					
General Color:					
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:	12				
Mat2 Desc:	STONES				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	19.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931016506				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	46.0				
Formation End Depth:	95.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931016505				
Layer:	2				
Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		19.0			
Formation End Depth:		46.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961511031			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10581603			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930058604			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		95.0			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930058603			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		48.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		991511031			
Pump Set At:					
Static Level:		32.0			
Final Level After Pumping:		41.0			
Recommended Pump Depth:		65.0			
Pumping Rate:		10.0			
Flowing Rate:					
Recommended Pump Rate:		8.0			
Levels UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934642305			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		32.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934899646			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		32.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934380589			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		32.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934097576			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		32.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933466100			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		90.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10033033		Tag No:	
Depth M:		28.956		Contractor:	
Year Completed:		1970		Latitude:	
Well Completed Dt:		11/11/1970		Longitude:	
Audit No:				Y:	
Path:		151\1511031.pdf		X:	
<hr/>					
40	1 of 1	NW/208.5	93.4 / -1.51	lot 2 con A ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	7386232			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	Yes
Use 2nd:				Data Src:	
Final Well Status:				Date Received:	04/28/2021
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z359385			Contractor:	7241
Tag:	A318281			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	A
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NORTH GOWER TOWNSHIP			
Site Info:					

Bore Hole Information

Bore Hole ID:	1008663267	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446371.00
Code OB Desc:		North83:	5008154.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	04/05/2021	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Links

Bore Hole ID:	1008663267	Tag No:	A318281
Depth M:		Contractor:	7241
Year Completed:	2021	Latitude:	45.2248335166041
Well Completed Dt:	04/05/2021	Longitude:	-75.6831159723444
Audit No:	Z359385	Y:	45.22483351015853
Path:	738\7386232.pdf	X:	-75.68311581065808

41	1 of 1	NNE/213.0	85.4 / -9.45	lot 2 ON	WWIS
Well ID:	1514320	Flowing (Y/N):			
Construction Date:		Flow Rate:			
Use 1st:	Domestic	Data Entry Status:			
Use 2nd:	0	Data Src:	1		
Final Well Status:	Water Supply	Date Received:	10/15/1974		
Water Type:		Selected Flag:	TRUE		
Casing Material:		Abandonment Rec:			
Audit No:		Contractor:	1558		
Tag:		Form Version:	1		
Constructn Method:		Owner:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:				County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA-CARLETON 002 BF
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1514320.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: Path:		09/13/1974 1974 10.9728 45.2251973166734 -75.6809829109974 151\1514320.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		10036295 09/13/1974 from gis		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	 18 446538.80 5008193.00 5 margin of error : 100 m - 300 m gis
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		931025937 1 6 BROWN 05 CLAY 06 SILT 0.0 8.0 ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931025938			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		8.0			
Formation End Depth:		31.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931025939			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		31.0			
Formation End Depth:		36.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961514320			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10584865			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930064138			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		36.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991514320			
Pump Set At:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Static Level:		8.0			
Final Level After Pumping:		20.0			
Recommended Pump Depth:		30.0			
Pumping Rate:		20.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934100173			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		20.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934900395			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		20.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934642927			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		20.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381938			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		20.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933470175			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		36.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10036295			Tag No:	
Depth M:	10.9728			Contractor:	1558
Year Completed:	1974			Latitude:	45.2251973166734

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Completed Dt: 09/13/1974				Longitude: -75.6809829109974	
Audit No:				Y: 45.22519730981504	
Path: 151\1514320.pdf				X: -75.68098275001321	
42	1 of 7	W/221.4	88.9 / -6.01	MANOTICK HARDWARE LIMITED 1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M1A8	PES
Detail Licence No:				Operator Box:	
Licence No:				Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	Vendor
Report Source:				Oper Area Code:	
Licence Type:				Oper Phone No:	
Licence Type Code:				Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF URL:					
42	2 of 7	W/221.4	88.9 / -6.01	1166 EASTMAN AVENUE, MANOTICK ON	PINC
Incident Id: 2682946				Pipe Material: Plastic	
Incident No: 526546				Fuel Category: Natural Gas	
Incident Reported Dt:				Health Impact: No	
Type: FS-Pipeline Incident				Environment Impact: No	
Status Code: Pipeline Damage Reason Est				Property Damage: Yes	
Tank Status: RC Established				Service Interrupt: Yes	
Task No: 3217659				Enforce Policy: Yes	
Spills Action Centre: N/A				Public Relation: No	
Fuel Type: Natural Gas				Pipeline System: Transmission pipeline	
Fuel Occurrence Tp: Pipeline Strike				PSIG: 53	
Date of Occurrence: 1/13/2011 0:00				Attribute Category: FS-Perform P-line Inc Invest	
Occurrence Start Dt: 2011/06/13				Regulator Location: Outside	
Depth: 37				Method Details: E-mail	
Customer Acct Name:					
Incident Address:					
Operation Type:		Construction Site (pipeline strike)			
Pipeline Type:		Service / Riser Distribution Pipeline			
Regulator Type:		Service Regulator (up to 60 psi intake)			
Summary:		1166 EASTMAN AVENUE, MANOTICK - 1" PIPELINE HIT			
Reported By:		JEFF STILES - ENBRIDGE OTTAWA			
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
Occurrence Desc:		sewer work			
Damage Reason:		Excavation practices not sufficient			
Notes:		Outside Dig Area			
42	3 of 7	W/221.4	88.9 / -6.01	MANOTICK HARDWARE LIMITED 1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M 1A8	PES
Detail Licence No:				Operator Box:	
Licence No:				Operator Class:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Approval Date: Report Source: Licence Type: Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL:	Vendor			Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:	
42	4 of 7	W/221.4	88.9 / -6.01	2485368 ONTARIO INC O/A MANOTICK HOME HARDWARE 1166 BEAVERWOOD RD MANOTICK ON K4M1A8	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL:	17755 Legacy Licenses (Excluding TS) Limited Vendor 23 01			Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:	613 6923591
42	5 of 7	W/221.4	88.9 / -6.01	1799598 ONTARIO LIMITED O/A MANOTICK HOME HARDWARE 1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M1A8	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County:	05505 Legacy Licenses (Excluding TS) Limited Vendor 23 01 0 4 2 15			Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:	613 6923591 4 2 15

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Trade Name: PDF URL:					
42	6 of 7	W/221.4	88.9 / -6.01	1799598 ONTARIO LIMITED O/A MANOTICK HOME HARDWARE 1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M1A8	PES
Detail Licence No: Licence No: 05505 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: Retail Vendor Class 03 Licence Type Code: 21 Licence Class: 03 Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL:			Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 613 Oper Phone No: 6923591 Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:		
42	7 of 7	W/221.4	88.9 / -6.01	2485368 ONTARIO INC. 1166 Beaverwood RD Manotick ON K4M 1A8	PES
Detail Licence No: Licence No: L-232-1110378933 Status: Active Approval Date: 2020-11-03 Report Source: PEST-Limited Vendor Licence Type: Limited Vendor Licence Type Code: Licence Class: Licence Control: Latitude: 45.22305556 Longitude: -75.68444444 Lot: Concession: Region: District: County: Trade Name: PDF URL:			Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: Ottawa SWP Area Name: Rideau Valley		
http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2300080					
43	1 of 1	ENE/224.9	86.5 / -8.37	ON	WWIS
Well ID: 1510858 Construction Date: Use 1st: Domestic Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material:			Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 09/28/1970 Selected Flag: TRUE Abandonment Rec:		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB	
Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:				Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1558 1 OTTAWA-CARLETON LI 	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1510858.pdf				
<u>Additional Detail(s) (Map)</u>						
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: Path:		08/07/1970 1970 19.5072 45.2242997493622 -75.6790360649894 151\1510858.pdf				
<u>Bore Hole Information</u>						
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		10032861 08/07/1970 Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:		18 446690.80 5008092.00 4 margin of error : 30 m - 100 m p4
<u>Overburden and Bedrock</u>						
<u>Materials Interval</u>						
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		931015993 3 2 GREY 15 LIMESTONE 23.0 64.0 ft				
Overburden and Bedrock						

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		931015991			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		7.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931015992			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		7.0			
Formation End Depth:		23.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961510858			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10581431			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930058275			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		27.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930058276			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		64.0			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		991510858			
Pump Set At:					
Static Level:		20.0			
Final Level After Pumping:		30.0			
Recommended Pump Depth:		50.0			
Pumping Rate:		18.0			
Flowing Rate:					
Recommended Pump Rate:		6.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934380150			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		30.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934899068			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		30.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934641726			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		30.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934097415			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		30.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933465887			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		62.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10032861			Tag No:	
Depth M:	19.5072			Contractor:	1558
Year Completed:	1970			Latitude:	45.2242997493622
Well Completed Dt:	08/07/1970			Longitude:	-75.6790360649894
Audit No:				Y:	45.22429974182043
Path:	151\1510858.pdf			X:	-75.67903590388275
44	1 of 4	NW/226.9	92.3 / -2.60	C W EVE JR MANOTICK ESSO 5549 MAIN ST LOT 21 CON 1 MANOTICK ON	FSTH
License Issue Date:	7/26/2002				
Tank Status:	Licensed				
Tank Status As Of:	August 2007				
Operation Type:	Retail Fuel Outlet				
Facility Type:	Gasoline Station - Full Serve				
<u>--Details--</u>					
Status:	Active				
Year of Installation:	1989				
Corrosion Protection:					
Capacity:	10000				
Tank Fuel Type:	Liquid Fuel Single Wall UST - Gasoline				
Status:	Active				
Year of Installation:	1989				
Corrosion Protection:					
Capacity:	10000				
Tank Fuel Type:	Liquid Fuel Single Wall UST - Gasoline				
44	2 of 4	NW/226.9	92.3 / -2.60	C W EVE JR MANOTICK ESSO 5549 MAIN ST LOT 21 CON 1 MANOTICK ON	FSTH
License Issue Date:	7/26/2002				
Tank Status:	Licensed				
Tank Status As Of:	December 2008				
Operation Type:	Retail Fuel Outlet				
Facility Type:	Gasoline Station - Full Serve				
<u>--Details--</u>					
Status:	Active				
Year of Installation:	1989				
Corrosion Protection:					
Capacity:	10000				
Tank Fuel Type:	Liquid Fuel Single Wall UST - Gasoline				
Status:	Active				
Year of Installation:	1989				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Corrosion Protection: Capacity: 10000 Tank Fuel Type: Liquid Fuel Single Wall UST - Gasoline					
44	3 of 4	NW/226.9	92.3 / -2.60	C W EVE JR MANOTICK ESSO 5549 MAIN ST LOT 21 CON 1 MANOTICK ON	EXP
Inventory No: 10839004 Inventory Status: EXPIRED Installation Year: 1989 Capacity: 10000 Capacity Unit: Tank Type: Manufacturer: Model: Description: [2009VBS] [Regular] Previous Fuel Type: Gasoline					
Tank Material: Steel Corrosion Protect: Sacrificial anode Overfill Protection: Inventory Context: FS Liquid Fuel Tank Inventory Item: FS LIQUID FUEL TANK					
44	4 of 4	NW/226.9	92.3 / -2.60	C W EVE JR MANOTICK ESSO 5549 MAIN ST LOT 21 CON 1 MANOTICK ON	EXP
Inventory No: 11412413 Inventory Status: EXPIRED Installation Year: 1989 Capacity: 10000 Capacity Unit: Tank Type: Manufacturer: Model: Description: [2009VBS] [Premium] Previous Fuel Type: Gasoline					
Tank Material: Steel Corrosion Protect: Sacrificial anode Overfill Protection: Inventory Context: FS Liquid Fuel Tank Inventory Item: FS LIQUID FUEL TANK					
45	1 of 1	NW/229.3	90.8 / -4.10	lot 2 ON	WWIS
Well ID: 1506456 Construction Date: Use 1st: Municipal Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: NORTH GOWER TOWNSHIP Site Info:					
Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 02/12/1952 Selected Flag: TRUE Abandonment Rec: Contractor: 3601 Form Version: 1 Owner: County: OTTAWA-CARLETON Lot: 002 Concession: Concession Name: BF Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506456.pdf					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		12/05/1951			
Year Completed:		1951			
Depth (m):		15.24			
Latitude:		45.2247674463628			
Longitude:		-75.6836272405065			
Path:		150\1506456.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10028492			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446330.80
Code OB Desc:				North83:	5008147.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	12/05/1951			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
Loc Method Desc:		Original Pre1985 UTM Rel Code 9: unknown UTM			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931004571				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	02				
Mat2 Desc:	TOPSOIL				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	12.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931004572				
Layer:	2				
Color:					
General Color:					
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	12.0				
Formation End Depth:	50.0				
Formation End Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	961506456				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10577062				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930049726				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	50.0				
Casing Diameter:	4.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930049725				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	12.0				
Casing Diameter:	4.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				
Pump Test ID:	991506456				
Pump Set At:					
Static Level:	6.0				
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:	5.0				
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Water Details</u>					
Water ID:	933460605				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		50.0			
Water Found Depth UOM:		ft			
Links					
Bore Hole ID:	10028492			Tag No:	
Depth M:	15.24			Contractor:	3601
Year Completed:	1951			Latitude:	45.2247674463628
Well Completed Dt:	12/05/1951			Longitude:	-75.6836272405065
Audit No:				Y:	45.22476743906598
Path:	150\1506456.pdf			X:	-75.68362707945188

46	1 of 1	NNW/237.6	92.2 / -2.68	lot 2 ON	WWIS
Well ID:	1514579			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	03/11/1975
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NORTH GOWER TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1514579.pdf				

Additional Detail(s) (Map)

Well Completed Date: 01/24/1975
Year Completed: 1975
Depth (m): 29.8704
Latitude: 45.2254247281849
Longitude: -75.6820938274893
Path: 151\1514579.pdf

Bore Hole Information

Bore Hole ID:	10036552	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446451.80
Code OB Desc:		North83:	5008219.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	01/24/1975	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931026683			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		15.0			
Formation End Depth:		27.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931026685			
Layer:		4			
Color:		1			
General Color:		WHITE			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		85.0			
Formation End Depth:		98.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931026682			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931026684			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	27.0				
Formation End Depth:	85.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	961514579				
Method Construction Code:	5				
Method Construction:	Air Percussion				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10585122				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930064600				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	98.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930064599				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	30.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				
Pump Test ID:	991514579				
Pump Set At:					
Static Level:	10.0				
Final Level After Pumping:	60.0				
Recommended Pump Depth:	60.0				
Pumping Rate:	30.0				
Flowing Rate:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		3			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934100406			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		60.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934383006			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		60.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934643995			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		60.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934901463			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		60.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933470464			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60.0			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		933470465			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		95.0			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Links</u>					
Bore Hole ID:	10036552			Tag No:	
Depth M:	29.8704			Contractor:	1558
Year Completed:	1975			Latitude:	45.2254247281849
Well Completed Dt:	01/24/1975			Longitude:	-75.6820938274893
Audit No:				Y:	45.22542472061262
Path:	151\1514579.pdf			X:	-75.68209366559563

<u>47</u>	1 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:	1518363			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	08/03/1983
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NORTH GOWER TOWNSHIP			
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518363.pdf				

Additional Detail(s) (Map)

Well Completed Date: 05/19/1983
Year Completed: 1983
Depth (m): 32.004
Latitude: 45.2254486592334
Longitude: -75.6811005535609
Path: 151\1518363.pdf

Bore Hole Information

Bore Hole ID: 10040233
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/19/1983
Remarks:
Loc Method Desc: Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83: 446529.80
North83: 5008221.00
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931038211			
Layer:		4			
Color:		1			
General Color:		WHITE			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		98.0			
Formation End Depth:		105.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931038208			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		26.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931038209			
Layer:		2			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		26.0			
Formation End Depth:		44.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931038210			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		44.0			
Formation End Depth:		98.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961518363			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10588803			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930070231			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		46.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930070232			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		105.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991518363			
Pump Set At:					
Static Level:		15.0			
Final Level After Pumping:		80.0			
Recommended Pump Depth:		80.0			
Pumping Rate:		7.0			
Flowing Rate:					
Recommended Pump Rate:		7.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934639908			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		80.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103679			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		80.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934378848			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		80.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934898368			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		80.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933475061			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		100.0			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		933475060			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		85.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10040233			Tag No:	
Depth M:	32.004			Contractor:	3644
Year Completed:	1983			Latitude:	45.2254486592334
Well Completed Dt:	05/19/1983			Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Path:	151\1518363.pdf			X:	-75.68110039242447
47	2 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:	1518506			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	09/12/1983
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NORTH GOWER TOWNSHIP			
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518506.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	08/17/1983				
Year Completed:	1983				
Depth (m):	25.6032				
Latitude:	45.2254486592334				
Longitude:	-75.6811005535609				
Path:	151\1518506.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10040376			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446529.80
Code OB Desc:				North83:	5008221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	08/17/1983			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931038648				
Layer:	1				
Color:	2				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
General Color:		GREY			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		40.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931038649			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		40.0			
Formation End Depth:		84.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961518506			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10588946			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930070484			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		84.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930070483			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		42.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991518506			
Pump Set At:					
Static Level:		25.0			
Final Level After Pumping:		70.0			
Recommended Pump Depth:		70.0			
Pumping Rate:		15.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934898926			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		70.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934379406			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		70.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934640466			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		70.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103821			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		70.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475229			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		79.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10040376			Tag No:	
Depth M:	25.6032			Contractor:	3644
Year Completed:	1983			Latitude:	45.2254486592334
Well Completed Dt:	08/17/1983			Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876
Path:	151\1518506.pdf			X:	-75.6811003924247
<hr/>					
47	3 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:	1518587			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	10/13/1983
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NORTH GOWER TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518587.pdf				
 <u>Additional Detail(s) (Map)</u>					
Well Completed Date:	08/30/1983				
Year Completed:	1983				
Depth (m):	35.052				
Latitude:	45.2254486592334				
Longitude:	-75.6811005535609				
Path:	151\1518587.pdf				
 <u>Bore Hole Information</u>					
Bore Hole ID:	10040457			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446529.80
Code OB Desc:				North83:	5008221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	08/30/1983			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m				
Elevrc Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931038889			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		14			
Mat2 Desc:		HARDPAN			
Mat3:		13			
Mat3 Desc:		BOULDERS			
Formation Top Depth:		0.0			
Formation End Depth:		35.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931038890			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		35.0			
Formation End Depth:		105.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931038891			
Layer:		3			
Color:		1			
General Color:		WHITE			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		105.0			
Formation End Depth:		115.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u> <u>Use</u>					
Method Construction ID:		961518587			
Method Construction Code:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589027			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930070618			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		37.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930070619			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		115.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991518587			
Pump Set At:					
Static Level:		20.0			
Final Level After Pumping:		60.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		20.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934379904			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		60.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103900			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934899007			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934649885			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475328			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		110.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10040457			Tag No:	
Depth M:	35.052			Contractor:	3644
Year Completed:	1983			Latitude:	45.2254486592334
Well Completed Dt:	08/30/1983			Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876
Path:	151\1518587.pdf			X:	-75.68110039242447
<hr/>					
47	4 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:	1518588			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	10/13/1983
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Clear/Cloudy: Municipality: Site Info:				Zone: UTM Reliability:	
		NORTH GOWER TOWNSHIP			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518588.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		08/29/1983			
Year Completed:		1983			
Depth (m):		19.2024			
Latitude:		45.2254486592334			
Longitude:		-75.6811005535609			
Path:		151\1518588.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10040458		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446529.80
Code OB Desc:				North83:	5008221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:		08/29/1983		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931038893			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		25.0			
Formation End Depth:		63.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931038892			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		14			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:		HARDPAN			
Mat3:		13			
Mat3 Desc:		BOULDERS			
Formation Top Depth:		0.0			
Formation End Depth:		25.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961518588			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589028			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930070621			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		63.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930070620			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		27.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991518588			
Pump Set At:					
Static Level:		15.0			
Final Level After Pumping:		60.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		15.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934379905				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	60.0				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934899008				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	60.0				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934103901				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	60.0				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934649886				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	60.0				
Test Level UOM:	ft				
 <u>Water Details</u>					
Water ID:	933475329				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	58.0				
Water Found Depth UOM:	ft				
 <u>Links</u>					
Bore Hole ID:	10040458			Tag No:	
Depth M:	19.2024			Contractor:	3644
Year Completed:	1983			Latitude:	45.2254486592334
Well Completed Dt:	08/29/1983			Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876
Path:	151\1518588.pdf			X:	-75.68110039242447
<hr/>					
47	5 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:	1518589			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	10/13/1983
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NORTH GOWER TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518589.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	08/24/1983				
Year Completed:	1983				
Depth (m):	25.2984				
Latitude:	45.2254486592334				
Longitude:	-75.6811005535609				
Path:	151\1518589.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10040459			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446529.80
Code OB Desc:				North83:	5008221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	08/24/1983			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931038894				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	14				
Mat2 Desc:	HARDPAN				
Mat3:	13				
Mat3 Desc:	BOULDERS				
Formation Top Depth:	0.0				
Formation End Depth:	35.0				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931038895			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		35.0			
Formation End Depth:		83.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961518589			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589029			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930070623			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		83.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930070622			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		37.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Pump Test ID:		991518589			
Pump Set At:					
Static Level:		20.0			
Final Level After Pumping:		40.0			
Recommended Pump Depth:		40.0			
Pumping Rate:		15.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934649887			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		40.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934379906			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		40.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934899009			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		40.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103902			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		40.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933475330			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		79.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10040459			Tag No:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth M:	25.2984			Contractor:	3644
Year Completed:	1983			Latitude:	45.2254486592334
Well Completed Dt:	08/24/1983			Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876
Path:	151\1518589.pdf			X:	-75.68110039242447

47	6 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:	1518590			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	10/13/1983
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NORTH GOWER TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518590.pdf				

Additional Detail(s) (Map)

Well Completed Date:	08/29/1983
Year Completed:	1983
Depth (m):	12.8016
Latitude:	45.2254486592334
Longitude:	-75.6811005535609
Path:	151\1518590.pdf

Bore Hole Information

Bore Hole ID:	10040460	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446529.80
Code OB Desc:		North83:	5008221.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	08/29/1983	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931038897			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		28.0			
Formation End Depth:		42.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931038896			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		14			
Mat2 Desc:		HARDPAN			
Mat3:		13			
Mat3 Desc:		BOULDERS			
Formation Top Depth:		0.0			
Formation End Depth:		28.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961518590			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589030			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930070624			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		30.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930070625			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		42.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991518590			
Pump Set At:					
Static Level:		15.0			
Final Level After Pumping:		35.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		20.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934379907			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		35.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103903			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		35.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934899010			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		35.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934649888			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		35.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933475331			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		37.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10040460			Tag No:	
Depth M:	12.8016			Contractor:	3644
Year Completed:	1983			Latitude:	45.2254486592334
Well Completed Dt:	08/29/1983			Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876
Path:	151\1518590.pdf			X:	-75.68110039242447
47	7 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:	1518757			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	01/10/1984
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NORTH GOWER TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518757.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	12/16/1983				
Year Completed:	1983				
Depth (m):	38.1				
Latitude:	45.2254486592334				
Longitude:	-75.6811005535609				
Path:	151\1518757.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10040627			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446529.80
Code OB Desc:				North83:	5008221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Date Completed:	12/16/1983			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931039459				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	9.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931039460				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	14				
Most Common Material:	HARDPAN				
Mat2:	12				
Mat2 Desc:	STONES				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	9.0				
Formation End Depth:	39.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931039461				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	39.0				
Formation End Depth:	115.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		931039462			
Layer:		4			
Color:		1			
General Color:		WHITE			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		115.0			
Formation End Depth:		125.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961518757			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589197			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930070930			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		125.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930070929			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		41.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991518757			
Pump Set At:					
Static Level:		30.0			
Final Level After Pumping:		50.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Recommended Pump Depth:		50.0			
Pumping Rate:		50.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934899594			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		50.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934650474			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		50.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103233			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934380491			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		50.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933475552			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		123.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10040627			Tag No:	
Depth M:	38.1			Contractor:	3644
Year Completed:	1983			Latitude:	45.2254486592334
Well Completed Dt:	12/16/1983			Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Path:	151\1518757.pdf			X:	-75.68110039242447
47	8 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:	1518994			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	07/03/1984
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NORTH GOWER TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518994.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	05/28/1984				
Year Completed:	1984				
Depth (m):	18.288				
Latitude:	45.2254486592334				
Longitude:	-75.6811005535609				
Path:	151\1518994.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10040864			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446529.80
Code OB Desc:				North83:	5008221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	05/28/1984			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931040266				
Layer:	1				
Color:	2				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		44.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931040267			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		14			
Mat2 Desc:		HARDPAN			
Mat3:		12			
Mat3 Desc:		STONES			
Formation Top Depth:		44.0			
Formation End Depth:		53.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931040268			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		53.0			
Formation End Depth:		60.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961518994			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10589434			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930071335			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		60.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930071334			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		55.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991518994			
Pump Set At:					
Static Level:		11.0			
Final Level After Pumping:		25.0			
Recommended Pump Depth:		25.0			
Pumping Rate:		30.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934106396			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		25.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934900647			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		25.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381138			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		30			
Test Level:		25.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934651535			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		25.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475854			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		56.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10040864		Tag No:	
Depth M:		18.288		Contractor:	3644
Year Completed:		1984		Latitude:	45.2254486592334
Well Completed Dt:		05/28/1984		Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876
Path:		151\1518994.pdf		X:	-75.68110039242447
47	9 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:		1518995		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:		0		Data Src:	1
Final Well Status:		Water Supply		Date Received:	07/03/1984
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NORTH GOWER TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518995.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		05/16/1984			
Year Completed:		1984			
Depth (m):		25.6032			
Latitude:		45.2254486592334			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Longitude:		-75.6811005535609			
Path:		151\1518995.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10040865			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446529.80
Code OB Desc:				North83:	5008221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	05/16/1984			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931040269				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	29.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931040270				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	14				
Most Common Material:	HARDPAN				
Mat2:	12				
Mat2 Desc:	STONES				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	29.0				
Formation End Depth:	37.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931040271				
Layer:	3				
Color:	2				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		37.0			
Formation End Depth:		84.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961518995			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10589435			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930071336			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		39.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930071337			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		84.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991518995			
Pump Set At:					
Static Level:		10.0			
Final Level After Pumping:		40.0			
Recommended Pump Depth:		40.0			
Pumping Rate:		12.0			
Flowing Rate:					
Recommended Pump Rate:		12.0			
Levels UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934900648			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934106397			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934651536			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381139			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475856			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		79.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933475855			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		65.0			
Water Found Depth UOM:		ft			
<u>Links</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10040865			Tag No:	
Depth M:	25.6032			Contractor:	3644
Year Completed:	1984			Latitude:	45.2254486592334
Well Completed Dt:	05/16/1984			Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876
Path:	151\1518995.pdf			X:	-75.68110039242447

[47](#)

10 of 24

NNE/238.9

85.6 / -9.30

lot 2
ON

WWIS

Well ID:	1518996	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:	0	Data Src:	1
Final Well Status:	Water Supply	Date Received:	07/03/1984
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	3644
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliability:		Lot:	002
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	BF
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	NORTH GOWER TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518996.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/11/1984
Year Completed:	1984
Depth (m):	19.2024
Latitude:	45.2254486592334
Longitude:	-75.6811005535609
Path:	151\1518996.pdf

Bore Hole Information

Bore Hole ID:	10040866	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446529.80
Code OB Desc:		North83:	5008221.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	05/11/1984	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		931040273			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		36.0			
Formation End Depth:		47.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931040274			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		47.0			
Formation End Depth:		63.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931040272			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		36.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961518996			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589436			
Casing No:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930071339			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		63.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930071338			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		50.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991518996			
Pump Set At:					
Static Level:		12.0			
Final Level After Pumping:		30.0			
Recommended Pump Depth:		30.0			
Pumping Rate:		50.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381557			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		30.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934900649			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		30.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934651537			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		30.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934106398			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		30.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475857			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		57.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10040866			Tag No:	
Depth M:	19.2024			Contractor:	3644
Year Completed:	1984			Latitude:	45.2254486592334
Well Completed Dt:	05/11/1984			Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876
Path:	151\1518996.pdf			X:	-75.68110039242447
<u>47</u>	11 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:	1518997			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	07/03/1984
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NORTH GOWER TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518997.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		05/10/1984			
Year Completed:		1984			
Depth (m):		36.576			
Latitude:		45.2254486592334			
Longitude:		-75.6811005535609			
Path:		151\1518997.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10040867			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446529.80
Code OB Desc:				North83:	5008221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	05/10/1984			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931040276				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	35.0				
Formation End Depth:	90.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931040277				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	18				
Most Common Material:	SANDSTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	90.0				
Formation End Depth:	120.0				
Formation End Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931040275			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		14			
Mat2 Desc:		HARDPAN			
Mat3:		12			
Mat3 Desc:		STONES			
Formation Top Depth:		0.0			
Formation End Depth:		35.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961518997			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589437			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930071341			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		120.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930071340			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		38.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991518997			
Pump Set At:					
Static Level:		15.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Final Level After Pumping:		70.0			
Recommended Pump Depth:		70.0			
Pumping Rate:		30.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934651538			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		70.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381558			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		70.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934106399			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		70.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934900650			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		70.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933475858			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		115.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10040867			Tag No:	
Depth M:	36.576			Contractor:	3644
Year Completed:	1984			Latitude:	45.2254486592334
Well Completed Dt:	05/10/1984			Longitude:	-75.6811005535609

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Audit No:				Y:	45.225448651831876
Path:	151\1518997.pdf			X:	-75.68110039242447
47	12 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:	1518998			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	07/03/1984
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NORTH GOWER TOWNSHIP			
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518998.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	01/18/1984				
Year Completed:	1984				
Depth (m):	19.5072				
Latitude:	45.2254486592334				
Longitude:	-75.6811005535609				
Path:	151\1518998.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10040868			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446529.80
Code OB Desc:				North83:	5008221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	01/18/1984			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931040278				
Laver:	1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		14.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931040279			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		14.0			
Formation End Depth:		56.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931040280			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		56.0			
Formation End Depth:		64.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961518998			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10589438			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930071343			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		64.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930071342			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		58.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991518998			
Pump Set At:					
Static Level:		10.0			
Final Level After Pumping:		40.0			
Recommended Pump Depth:		40.0			
Pumping Rate:		15.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934106400			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934900651			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381559			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		40.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934651539			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		40.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933475859			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10040868			Tag No:	
Depth M:	19.5072			Contractor:	3644
Year Completed:	1984			Latitude:	45.2254486592334
Well Completed Dt:	01/18/1984			Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876
Path:	151\1518998.pdf			X:	-75.68110039242447

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Latitude:		45.2254486592334			
Longitude:		-75.6811005535609			
Path:		151\1518999.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10040869			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446529.80
Code OB Desc:				North83:	5008221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	05/15/1984			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931040281				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	38.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931040283				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	48.0				
Formation End Depth:	60.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931040282				
Layer:	2				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		2			
General Color:		GREY			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		38.0			
Formation End Depth:		48.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961518999			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589439			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930071345			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		60.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930071344			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		50.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991518999			
Pump Set At:					
Static Level:		10.0			
Final Level After Pumping:		25.0			
Recommended Pump Depth:		25.0			
Pumping Rate:		20.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			

<i>Map Key</i>	<i>Number of Records</i>	<i>Direction/ Distance (m)</i>	<i>Elev/Diff (m)</i>	<i>Site</i>	<i>DB</i>
<hr/>					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934900652			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		25.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934106401			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		25.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934651540			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		25.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381560			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		25.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933475860			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		55.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10040869			Tag No:	
Depth M:	18.288			Contractor:	3644
Year Completed:	1984			Latitude:	45.2254486592334
Well Completed Dt:	05/15/1984			Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876
Path:	151\1518999.pdf			X:	-75.68110039242447
<hr/>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
47	14 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
<div><div><div>Well ID:1519001</div><div>Construction Date:</div><div>Use 1st:Domestic</div><div>Use 2nd:0</div><div>Final Well Status:Water Supply</div><div>Water Type:</div><div>Casing Material:</div><div>Audit No:</div><div>Tag:</div><div>Constructn Method:</div><div>Elevation (m):</div><div>Elevatn Reliabilty:</div><div>Depth to Bedrock:</div><div>Well Depth:</div><div>Overburden/Bedrock:</div><div>Pump Rate:</div><div>Static Water Level:</div><div>Clear/Cloudy:</div><div>Municipality:</div><div>Site Info:</div></div><div><div>Flowing (Y/N):</div><div>Flow Rate:</div><div>Data Entry Status:</div><div>Data Src:1</div><div>Date Received:07/03/1984</div><div>Selected Flag:TRUE</div><div>Abandonment Rec:</div><div>Contractor:3644</div><div>Form Version:1</div><div>Owner:</div><div>County:OTTAWA-CARLETON</div><div>Lot:002</div><div>Concession:</div><div>Concession Name:BF</div><div>Easting NAD83:</div><div>Northing NAD83:</div><div>Zone:</div><div>UTM Reliability:</div></div></div>					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519001.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		06/15/1984			
Year Completed:		1984			
Depth (m):		22.86			
Latitude:		45.2254486592334			
Longitude:		-75.6811005535609			
Path:		151\1519001.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10040871		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		06/15/1984		UTMRC Desc:	
Remarks:				Location Method:	
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931040286			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931040288			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		55.0			
Formation End Depth:		75.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931040287			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		15.0			
Formation End Depth:		55.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961519001			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589441			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930071348			
Layer:		1			
Material:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		57.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930071349			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		75.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991519001			
Pump Set At:					
Static Level:		12.0			
Final Level After Pumping:		40.0			
Recommended Pump Depth:		40.0			
Pumping Rate:		20.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934900654			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381562			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934106403			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		40.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934651542				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	40.0				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933475863				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	70.0				
Water Found Depth UOM:	ft				
<u>Links</u>					
Bore Hole ID:	10040871			Tag No:	
Depth M:	22.86			Contractor:	3644
Year Completed:	1984			Latitude:	45.2254486592334
Well Completed Dt:	06/15/1984			Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876
Path:	151\1519001.pdf			X:	-75.68110039242447
<hr/>					
47	15 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:	1519002			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	07/03/1984
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NORTH GOWER TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519002.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	06/01/1984				
Year Completed:	1984				
Depth (m):	19.2024				
Latitude:	45.2254486592334				
Longitude:	-75.6811005535609				
Path:	151\1519002.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10040872			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446529.80
Code OB Desc:				North83:	5008221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	06/01/1984			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931040289				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	42.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931040291				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	49.0				
Formation End Depth:	63.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931040290				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	14				
Most Common Material:	HARDPAN				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		42.0			
Formation End Depth:		49.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961519002			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589442			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930071350			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		52.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930071351			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		63.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991519002			
Pump Set At:					
Static Level:		12.0			
Final Level After Pumping:		25.0			
Recommended Pump Depth:		25.0			
Pumping Rate:		15.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Test Method:					
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934651543			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		25.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934106404			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		25.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381563			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		25.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934900655			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		25.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475864			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		58.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10040872		Tag No:	
Depth M:		19.2024		Contractor:	3644
Year Completed:		1984		Latitude:	45.2254486592334
Well Completed Dt:		06/01/1984		Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876
Path:		151\1519002.pdf		X:	-75.68110039242447
47	16 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:		1519033		Flowing (Y/N):	
Construction Date:				Flow Rate:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:		0		Data Src:	1
Final Well Status:		Water Supply		Date Received:	07/03/1984
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NORTH GOWER TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519033.pdf			
Additional Detail(s) (Map)					
Well Completed Date:		04/09/1984			
Year Completed:		1984			
Depth (m):		41.148			
Latitude:		45.2254486592334			
Longitude:		-75.6811005535609			
Path:		151\1519033.pdf			
Bore Hole Information					
Bore Hole ID:		10040903		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446529.80
Code OB Desc:				North83:	5008221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:		04/09/1984		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock					
Materials Interval					
Formation ID:		931040381			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		32.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Formation End Depth:		125.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931040382			
Layer:		3			
Color:		1			
General Color:		WHITE			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		125.0			
Formation End Depth:		135.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931040380			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		14			
Mat2 Desc:		HARDPAN			
Mat3:		12			
Mat3 Desc:		STONES			
Formation Top Depth:		0.0			
Formation End Depth:		32.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961519033			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10589473			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930071406			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		135.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930071405			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		35.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991519033			
Pump Set At:					
Static Level:		18.0			
Final Level After Pumping:		60.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		50.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934651574			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381594			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934900686			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934106853			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475900			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		100.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933475901			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		130.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10040903		Tag No:	
Depth M:		41.148		Contractor:	
Year Completed:		1984		3644	
Well Completed Dt:		04/09/1984		Latitude:	
Audit No:				45.2254486592334	
Path:		151\1519033.pdf		Longitude:	
				-75.6811005535609	
				Y:	
				45.225448651831876	
				X:	
				-75.68110039242447	
47	17 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:		1519084		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:		0		Data Src:	
Final Well Status:		Water Supply		1	
Water Type:				Date Received:	
Casing Material:				08/23/1984	
Audit No:				Selected Flag:	
Tag:				TRUE	
Constructn Method:				Abandonment Rec:	
Elevation (m):				Contractor:	
Elevatn Reliabilty:				3644	
Depth to Bedrock:				Form Version:	
Well Depth:				1	
Overburden/Bedrock:				Owner:	
Pump Rate:				County:	
Static Water Level:				OTTAWA-CARLETON	
Clear/Cloudy:				Lot:	
Municipality:		NORTH GOWER TOWNSHIP		002	
Site Info:				Concession:	
				Concession Name:	
				BF	
				Easting NAD83:	
				Northing NAD83:	
				Zone:	
				UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519084.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		07/31/1984			
Year Completed:		1984			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth (m):		41.148			
Latitude:		45.2254486592334			
Longitude:		-75.6811005535609			
Path:		151\1519084.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10040954			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446529.80
Code OB Desc:				North83:	5008221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	07/31/1984			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931040545				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	55.0				
Formation End Depth:	115.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931040544				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	14				
Most Common Material:	HARDPAN				
Mat2:	12				
Mat2 Desc:	STONES				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	29.0				
Formation End Depth:	55.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931040546				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		4			
Color:		1			
General Color:		WHITE			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:		15			
Mat2 Desc:		LIMESTONE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		115.0			
Formation End Depth:		135.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931040543			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		29.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961519084			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589524			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930071500			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		135.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930071499			
Layer:		1			
Material:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		57.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991519084			
Pump Set At:					
Static Level:		25.0			
Final Level After Pumping:		80.0			
Recommended Pump Depth:		80.0			
Pumping Rate:		20.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934651623			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		80.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934106904			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		80.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381645			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		80.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934901152			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		80.0			
Test Level UOM:		ft			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Water ID:		933475966			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		80.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933475967			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		129.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10040954			Tag No:	
Depth M:	41.148			Contractor:	3644
Year Completed:	1984			Latitude:	45.2254486592334
Well Completed Dt:	07/31/1984			Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876
Path:	151\1519084.pdf			X:	-75.68110039242447
<hr/>					
47	18 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:	1519085			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	08/23/1984
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NORTH GOWER TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519085.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	06/20/1984				
Year Completed:	1984				
Depth (m):	25.6032				
Latitude:	45.2254486592334				
Longitude:	-75.6811005535609				
Path:	151\1519085.pdf				
<u>Bore Hole Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10040955			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446529.80
Code OB Desc:				North83:	5008221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	06/20/1984			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

**Overburden and Bedrock
Materials Interval**

Formation ID: 931040547
 Layer: 1
 Color: 2
 General Color: GREY
 Mat1: 05
 Most Common Material: CLAY
 Mat2:
 Mat2 Desc:
 Mat3:
 Mat3 Desc:
 Formation Top Depth: 0.0
 Formation End Depth: 26.0
 Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931040548
 Layer: 2
 Color: 2
 General Color: GREY
 Mat1: 14
 Most Common Material: HARDPAN
 Mat2: 12
 Mat2 Desc: STONES
 Mat3:
 Mat3 Desc:
 Formation Top Depth: 26.0
 Formation End Depth: 53.0
 Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931040549
 Layer: 3
 Color: 2
 General Color: GREY
 Mat1: 15
 Most Common Material: LIMESTONE
 Mat2:
 Mat2 Desc:
 Mat3:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:					
Formation Top Depth:		53.0			
Formation End Depth:		84.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961519085			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589525			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930071501			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		55.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930071502			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		84.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991519085			
Pump Set At:					
Static Level:		12.0			
Final Level After Pumping:		40.0			
Recommended Pump Depth:		40.0			
Pumping Rate:		20.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934106905				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	40.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934381646				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	40.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934901153				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	40.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934651624				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	40.0				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933475968				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	79.0				
Water Found Depth UOM:	ft				
<u>Links</u>					
Bore Hole ID:	10040955			Tag No:	
Depth M:	25.6032			Contractor:	3644
Year Completed:	1984			Latitude:	45.2254486592334
Well Completed Dt:	06/20/1984			Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876
Path:	151\1519085.pdf			X:	-75.68110039242447
47	19 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:	1519087			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	08/23/1984

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:			Selected Flag: TRUE Abandonment Rec: Contractor: 3644 Form Version: 1 Owner: County: OTTAWA-CARLETON Lot: 002 Concession: Concession Name: BF Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519087.pdf			
Additional Detail(s) (Map)					
Well Completed Date:		07/06/1984			
Year Completed:		1984			
Depth (m):		19.2024			
Latitude:		45.2254486592334			
Longitude:		-75.6811005535609			
Path:		151\1519087.pdf			
Bore Hole Information					
Bore Hole ID:		10040957		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone: 18	
Code OB:				East83: 446529.80	
Code OB Desc:				North83: 5008221.00	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC: 4	
Date Completed:		07/06/1984		UTMRC Desc: margin of error : 30 m - 100 m	
Remarks:				Location Method: p4	
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock					
Materials Interval					
Formation ID:		931040553			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		43.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931040555			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		52.0			
Formation End Depth:		63.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931040554			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		43.0			
Formation End Depth:		52.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961519087			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589527			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930071506			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		63.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930071505			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		54.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991519087			
Pump Set At:					
Static Level:		10.0			
Final Level After Pumping:		40.0			
Recommended Pump Depth:		40.0			
Pumping Rate:		30.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934106907			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934651626			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934901155			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381648			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		40.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:	933475970				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	59.0				
Water Found Depth UOM:	ft				
<u>Links</u>					
Bore Hole ID:	10040957			Tag No:	
Depth M:	19.2024			Contractor:	3644
Year Completed:	1984			Latitude:	45.2254486592334
Well Completed Dt:	07/06/1984			Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876
Path:	151\1519087.pdf			X:	-75.68110039242447
47	20 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:	1519088			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	08/23/1984
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NORTH GOWER TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519088.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	06/19/1984				
Year Completed:	1984				
Depth (m):	32.004				
Latitude:	45.2254486592334				
Longitude:	-75.6811005535609				
Path:	151\1519088.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10040958			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446529.80
Code OB Desc:				North83:	5008221.00

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	06/19/1984			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931040556			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		10.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931040558			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		55.0			
Formation End Depth:		105.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931040557			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		10.0			
Formation End Depth:		55.0			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961519088			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589528			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930071507			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		57.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991519088			
Pump Set At:					
Static Level:		30.0			
Final Level After Pumping:		70.0			
Recommended Pump Depth:		70.0			
Pumping Rate:		20.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934651627			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		70.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934106908			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		70.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381649			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		70.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934901156			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		70.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475971			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		85.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933475972			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		100.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10040958			Tag No:	
Depth M:	32.004			Contractor:	3644
Year Completed:	1984			Latitude:	45.2254486592334
Well Completed Dt:	06/19/1984			Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876
Path:	151\1519088.pdf			X:	-75.68110039242447

47	21 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:	1519090			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	08/23/1984
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:			NORTH GOWER TOWNSHIP	Concession Name: BF Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519090.pdf			
Additional Detail(s) (Map)					
Well Completed Date:		08/07/1984			
Year Completed:		1984			
Depth (m):		24.384			
Latitude:		45.2254486592334			
Longitude:		-75.6811005535609			
Path:		151\1519090.pdf			
Bore Hole Information					
Bore Hole ID:		10040960		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446529.80
Code OB Desc:				North83:	5008221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:		08/07/1984		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock Materials Interval					
Formation ID:		931040561			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		10.0			
Formation End Depth UOM:		ft			
Overburden and Bedrock Materials Interval					
Formation ID:		931040562			
Layer:		2			
Color:		2			
General Color:		GREY			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		10.0			
Formation End Depth:		53.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931040563			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		53.0			
Formation End Depth:		80.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961519090			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589530			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930071511			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		80.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930071510			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		55.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991519090			
Pump Set At:					
Static Level:		12.0			
Final Level After Pumping:		60.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		15.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934106910			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934651629			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934901158			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381651			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475974			
Layer:		1			
Kind Code:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind:		FRESH			
Water Found Depth:		75.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10040960		Tag No:	
Depth M:		24.384		Contractor:	
Year Completed:		1984		3644	
Well Completed Dt:		08/07/1984		Latitude:	
Audit No:				45.2254486592334	
Path:		151\1519090.pdf		Longitude:	
				-75.6811005535609	
				Y:	
				45.225448651831876	
				X:	
				-75.68110039242447	

47	22 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:	1519091				
Construction Date:					
Use 1st:	Domestic				
Use 2nd:	0				
Final Well Status:	Water Supply				
Water Type:					
Casing Material:					
Audit No:					
Tag:					
Constructn Method:					
Elevation (m):					
Elevatn Reliabilty:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Clear/Cloudy:					
Municipality:	NORTH GOWER TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519091.pdf				

Additional Detail(s) (Map)

Well Completed Date: 06/19/1984
Year Completed: 1984
Depth (m): 19.2024
Latitude: 45.2254486592334
Longitude: -75.6811005535609
Path: 151\1519091.pdf

Bore Hole Information

Bore Hole ID:	10040961	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446529.80
Code OB Desc:		North83:	5008221.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	06/19/1984	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931040565			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		41.0			
Formation End Depth:		50.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931040564			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		41.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931040566			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		50.0			
Formation End Depth:		63.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u> <u>Use</u>					
Method Construction ID:		961519091			
Method Construction Code:		5			
Method Construction:		Air Percussion			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589531			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930071512			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		52.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930071513			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		63.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991519091			
Pump Set At:					
Static Level:		10.0			
Final Level After Pumping:		25.0			
Recommended Pump Depth:		25.0			
Pumping Rate:		50.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934651630			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		25.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934106911			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		25.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934901159			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		25.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381652			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		25.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475975			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		58.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10040961			Tag No:	
Depth M:	19.2024			Contractor:	3644
Year Completed:	1984			Latitude:	45.2254486592334
Well Completed Dt:	06/19/1984			Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876
Path:	151\1519091.pdf			X:	-75.68110039242447
47	23 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:	1519094			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	08/23/1984
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Clear/Cloudy:		NORTH GOWER TOWNSHIP		UTM Reliability:	
Municipality:					
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519094.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		07/26/1984			
Year Completed:		1984			
Depth (m):		25.6032			
Latitude:		45.2254486592334			
Longitude:		-75.6811005535609			
Path:		151\1519094.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10040964		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		07/26/1984		UTMRC Desc:	
Remarks:				Location Method:	
Loc Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931040575			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		53.0			
Formation End Depth:		84.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931040573			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		38.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931040574			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		38.0			
Formation End Depth:		53.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961519094			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589534			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930071519			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		84.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930071518			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		55.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991519094			
Pump Set At:					
Static Level:		8.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:		50.0			
Pumping Rate:		20.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934106914			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381655			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934901162			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934651633			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475978			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		70.0			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933475979			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		79.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10040964			Tag No:	
Depth M:	25.6032			Contractor:	3644
Year Completed:	1984			Latitude:	45.2254486592334
Well Completed Dt:	07/26/1984			Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876
Path:	151\1519094.pdf			X:	-75.68110039242447
47	24 of 24	NNE/238.9	85.6 / -9.30	lot 2 ON	WWIS
Well ID:	1519315			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	10/25/1984
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		NORTH GOWER TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519315.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	10/16/1984				
Year Completed:	1984				
Depth (m):	25.6032				
Latitude:	45.2254486592334				
Longitude:	-75.6811005535609				
Path:	151\1519315.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10041185			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446529.80
Code OB Desc:				North83:	5008221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Date Completed:	10/16/1984			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Loc Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931041287				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	33.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931041289				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	47.0				
Formation End Depth:	84.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931041288				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	14				
Most Common Material:	HARDPAN				
Mat2:	12				
Mat2 Desc:	STONES				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	33.0				
Formation End Depth:	47.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Use</u>					
Method Construction ID:		961519315			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589755			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930071911			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		49.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930071912			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		84.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991519315			
Pump Set At:					
Static Level:		12.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:		50.0			
Pumping Rate:		20.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934901793			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Test Duration:		60			
Test Level:		50.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934107973			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934382709			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		50.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934652125			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		50.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933476261			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		65.0			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		933476262			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		78.0			
Water Found Depth UOM:		ft			
 <u>Links</u>					
Bore Hole ID:	10041185			Tag No:	
Depth M:	25.6032			Contractor:	3644
Year Completed:	1984			Latitude:	45.2254486592334
Well Completed Dt:	10/16/1984			Longitude:	-75.6811005535609
Audit No:				Y:	45.225448651831876
Path:	151\1519315.pdf			X:	-75.68110039242447
<hr/>					
48	1 of 1	WNW/240.5	91.0 / -3.93	ON	BORE
Borehole ID:	611802			Inclin FLG:	No
OGF ID:	215513115			SP Status:	Initial Entry

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<hr/>					
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	NOV-1960			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.22472
Total Depth m:	19.5			Longitude DD:	-75.683882
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446311
Drill Method:				Northing:	5008142
Orig Ground Elev m:	89.9			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	90.1				
Concession:					
Location D:					
Survey D:					
Comments:					
 <u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218389246			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	6.1			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:	218389248			Mat Consistency:	
Top Depth:	11.9			Material Moisture:	
Bottom Depth:	19.5			Material Texture:	
Material Color:	Black			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. 00064000064S. BLACK. 00073CK. SEISMIC VELOCITY = 20500. BEDROCK **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218389247			Mat Consistency:	
Top Depth:	6.1			Material Moisture:	
Bottom Depth:	11.9			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Gravel			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GRAVEL.				
 <u>Source</u>					
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: 04310 NTS_Sheet:				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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				
49	1 of 1	WNW/240.6	91.0 / -3.93	lot 2 ON	WWIS
Well ID:	1506476			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	05/25/1961
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3601
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	002
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	BF
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NORTH GOWER TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506476.pdf				
Additional Detail(s) (Map)					
Well Completed Date:	11/28/1960				
Year Completed:	1960				
Depth (m):	19.5072				
Latitude:	45.2247209166195				
Longitude:	-75.6838814385578				
Path:	150\1506476.pdf				
Bore Hole Information					
Bore Hole ID:	10028512			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446310.80
Code OB Desc:				North83:	5008142.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	11/28/1960			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931004617			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		20.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931004618			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		20.0			
Formation End Depth:		39.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931004619			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		39.0			
Formation End Depth:		64.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961506476			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		10577082			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049766			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		39.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930049767			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		64.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991506476			
Pump Set At:					
Static Level:		28.0			
Final Level After Pumping:		28.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933460625			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		64.0			
Water Found Depth UOM:		ft			
<u>Links</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10028512			Tag No:	
Depth M:	19.5072			Contractor:	3601
Year Completed:	1960			Latitude:	45.2247209166195
Well Completed Dt:	11/28/1960			Longitude:	-75.6838814385578
Audit No:				Y:	45.224720909720574
Path:	150\1506476.pdf			X:	-75.68388127744424

50	1 of 1	WNW/244.3	89.8 / -5.10	lot 2 con A ON	WWIS
Well ID:	1516364			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Municipal			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	01/19/1978
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3504
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	002
Depth to Bedrock:				Concession:	A
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	NORTH GOWER TOWNSHIP				
Site Info:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1516364.pdf

Additional Detail(s) (Map)

Well Completed Date: 10/05/1977
Year Completed: 1977
Depth (m): 36.576
Latitude: 45.22453937238
Longitude: -75.6841340167146
Path: 151\1516364.pdf

Bore Hole Information

Bore Hole ID:	10038291	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446290.80
Code OB Desc:		North83:	5008122.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	10/05/1977	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Loc Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		931031919			
Layer:		2			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		25.0			
Formation End Depth:		120.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931031918			
Layer:		1			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		25.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961516364			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10586861			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930067331			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		31.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Test Method Desc:					
Pump Test ID:		991516364			
Pump Set At:					
Static Level:		25.0			
Final Level After Pumping:		115.0			
Recommended Pump Depth:		50.0			
Pumping Rate:		10.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934899321			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		25.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934641419			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		25.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934380328			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		25.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933472666			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		95.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933472667			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		120.0			
Water Found Depth UOM:		ft			
<u>Links</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<div> <div> Bore Hole ID: 10038291 Depth M: 36.576 Year Completed: 1977 Well Completed Dt: 10/05/1977 Audit No: Path: 151\1516364.pdf </div> <div> Tag No: Contractor: 3504 Latitude: 45.22453937238 Longitude: -75.6841340167146 Y: 45.22453936515715 X: -75.68413385578604 </div> </div>					
51	1 of 1	SW/245.8	89.2 / -5.71	ENBRIDGE GAS INC 5598 EASTMAN AVE,,MANOTICK,ON,K4M 1E2, CA ON	PINC
<div> <div> Incident Id: Incident No: 2958376 Incident Reported Dt: 11/10/2020 Type: FS-Pipeline Incident Status Code: Tank Status: Non Mandated Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: ENBRIDGE GAS INC Incident Address: 5598 EASTMAN AVE,,MANOTICK,ON,K4M 1E2,CA Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes: </div> <div> Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details: </div> </div>					
52	1 of 1	NNW/246.4	94.0 / -0.89	lot 2 ON	WWIS
<div> <div> Well ID: 1506484 Construction Date: Use 1st: Domestic Use 2nd: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: NORTH GOWER TOWNSHIP Site Info: </div> <div> Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 08/24/1965 Selected Flag: TRUE Abandonment Rec: Contractor: 3601 Form Version: 1 Owner: County: OTTAWA-CARLETON Lot: 002 Concession: Concession Name: BF Easting NAD83: Northing NAD83: Zone: UTM Reliability: </div> </div>					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506484.pdf			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	05/28/1965				
Year Completed:	1965				
Depth (m):	18.288				
Latitude:	45.2254497526628				
Longitude:	-75.6824253134843				
Path:	150\1506484.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10028520			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446425.80
Code OB Desc:				North83:	5008222.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	05/28/1965			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Loc Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931004639				
Layer:	1				
Color:					
General Color:					
Mat1:	13				
Most Common Material:	BOULDERS				
Mat2:	05				
Mat2 Desc:	CLAY				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	8.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931004640				
Layer:	2				
Color:					
General Color:					
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	8.0				
Formation End Depth:	14.0				
Formation End Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931004641			
Layer:		3			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		14.0			
Formation End Depth:		60.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961506484			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10577090			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049783			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		60.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930049782			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		24.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991506484			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Set At:					
Static Level:		14.0			
Final Level After Pumping:		20.0			
Recommended Pump Depth:		40.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933460633			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:	10028520			Tag No:	
Depth M:	18.288			Contractor:	3601
Year Completed:	1965			Latitude:	45.2254497526628
Well Completed Dt:	05/28/1965			Longitude:	-75.6824253134843
Audit No:				Y:	45.22544974582619
Path:	150\1506484.pdf			X:	-75.68242515190852

<u>53</u>	1 of 2	WNW/248.6	89.4 / -5.46	SERVICE STATION 5549 ANN ST., MANOTICK (N.O.S.) OSGOODE TOWNSHIP ON	SPL
Ref No:	80133			Municipality No:	20610
Year:				Nature of Damage:	
Incident Dt:	//			Discharger Report:	
Dt MOE Arvl on Scn:				Material Group:	
MOE Reported Dt:	12/21/1992			Health/Env Conseq:	
Dt Document Closed:				Agency Involved:	
Site No:					
MOE Response:					
Site County/District:					
Site Geo Ref Meth:					
Site District Office:					
Nearest Watercourse:					
Site Name:					
Site Address:					
Site Region:					
Site Municipality:		OSGOODE TOWNSHIP			
Site Lot:					
Site Conc:					
Site Geo Ref Accu:					
Site Map Datum:					
Northing:					
Easting:					
Incident Cause:		UNDERGROUND TANK LEAK			
Incident Event:					
Environment Impact:		CONFIRMED			

Unplottable Summary

Total: 15 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 1/2 Con A	Rideau ON	
CA	GORDON SCHARF & IVY SCHARF ENVIROPLAN LT	POTTER DR.	RIDEAU TWP. ON	
CA	City of Ottawa	Rideau Valley Drive	Ottawa ON	
CA	KIZELL ENTERPRISES LTD. MANOTICK ESTATES	N & S SIDE POTTER DR. PH. III	RIDEAU TWP. ON	
CA	Village Square Mall	Regional Road No. 13	Ottawa ON	
CA	LEIMERK FARMS LTD. C/O GINSBERG, GLUZMAN	POTTER DR. MANOTICK EST. PH.4	RIDEAU TWP. ON	
CA	PERCY STINSON C/O ENVIROPLAN LIMITED	POTTER DR. STINSON SUBD.	RIDEAU TWP. ON	
DTNK		RIDEAU VALLEY DR	RIDEAU TWP ON	N5V 3K5
EXP	595831 ONT INC	RIDEAU VALLEY DR	RIDEAU TWP ON	
EXP	595831 ONT INC	RIDEAU VALLEY DR	RIDEAU TWP ON	
GEN	City of Ottawa	Rideau Valley Dr. right of way Manotick Main St.	Ottawa ON	
GEN	City of Ottawa	Rideau Valley Dr. right of way Manotick Main St.	Ottawa ON	
PRT	595831 ONT INC	RIDEAU VALLEY DR	RIDEAU TWP ON	
SPL	Taggart Construction Limited	Rideau Valley Drive	Ottawa ON	
SPL	CONSTRUCTION COMPANY	REGION RD #13, BAXTER CONSERVATION AREA TRANSPORT TRUCK (CARGO)	RIDEAU TOWNSHIP ON	

Unplottable Report

Site: Lot 1/2 Con A Rideau ON

Database:
[AAGR](#)

Type: Pit
Region/County: Ottawa-Carleton
Township: Rideau
Concession: A
Lot: 1/2
Size (ha): 4.4
Landuse:
Comments:

Site: GORDON SCHARF & IVY SCHARF ENVIROPLAN LT
POTTER DR. RIDEAU TWP. ON

Database:
[CA](#)

Certificate #: 3-0453-88-
Application Year: 88
Issue Date: 6/6/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

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: KIZELL ENTERPRISES LTD. MANOTICK ESTATES
N & S SIDE POTTER DR. PH. III RIDEAU TWP. ON

Database:
[CA](#)

Certificate #: 3-1593-86-
Application Year: 86
Issue Date: 10/22/1986
Approval Type: Municipal sewage
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: LEIMERK FARMS LTD. C/O GINSBERG, GLUZMAN
POTTER DR. MANOTICK EST. PH.4 RIDEAU TWP. ON

Database:
CA

Certificate #: 3-1552-87-
Application Year: 87
Issue Date: 9/15/1987
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: PERCY STINSON C/O ENVIROPLAN LIMITED
POTTER DR. STINSON SUBD. RIDEAU TWP. ON

Database:
CA

Certificate #: 3-0463-88-
Application Year: 88
Issue Date: 6/6/1988
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: RIDEAU VALLEY DR RIDEAU TWP ON N5V 3K5

Database:
DTNK

Delisted Expired Fuel Safety

Facilities

Instance No: 9724864
Status: Abandoned
Instance ID:
Instance Type:
Instance Creation Dt:
Instance Install Dt:
Item Description:
Manufacturer:
Model:
Serial No:
ULC Standard:
Quantity:
Unit of Measure:
Overfill Prot Type:
Creation Date:
Next Periodic Str DT:
TSSA Base Sched Cycle 2:
TSSAMax Hazard Rank 1:
TSSA Risk Based Periodic Yn:
TSSA Volume of Directives:
TSSA Periodic Exempt:
TSSA Statutory Interval:
TSSA Recd Insp Interva:
TSSA Recd Tolerance:
TSSA Program Area:
TSSA Program Area 2:
Description:
Original Source: EXP
Record Date: 28-FEB-2022

Expired Date:
Max Hazard Rank:
Facility Location:
Facility Type:
Fuel Type 2:
Fuel Type 3:
Panam Related:
Panam Venue Nm:
External Identifier:
Item: FS GASOLINE STATION - FULL SERVE
Piping Steel:
Piping Galvanized:
Tank Single Wall St:
Piping Underground:
Tank Underground:
Source:

Site: 595831 ONT INC
RIDEAU VALLEY DR RIDEAU TWP ON

Database:
EXP

Inventory No: 10940446
Inventory Status: Abandoned
Installation Year: 1984
Capacity: 35000
Capacity Unit:
Tank Type:
Manufacturer:
Model:
Description: UNDERGROUND TANK
Previous Fuel Type: Gasoline

Tank Material: Steel
Corrosion Protect: Impressed Current
Overfill Protection:
Inventory Context: FS Liquid Fuel Tank
Inventory Item: FS LIQUID FUEL TANK

Site: 595831 ONT INC
RIDEAU VALLEY DR RIDEAU TWP ON

Database:
EXP

Inventory No: 10940468
Inventory Status: Abandoned
Installation Year: 1984
Capacity: 22700
Capacity Unit:
Tank Type:
Manufacturer:
Model:
Description: UNDERGROUND TANK
Previous Fuel Type: Gasoline

Tank Material: Steel
Corrosion Protect: Impressed Current
Overfill Protection:
Inventory Context: FS Liquid Fuel Tank
Inventory Item: FS LIQUID FUEL TANK

Site: City of Ottawa
Rideau Valley Dr. right of way Manotick Main St. Ottawa ON

Database:
GEN

Generator No: ON6802088
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration

Approval Years: 2009
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

Site: City of Ottawa
Rideau Valley Dr. right of way Manotick Main St. Ottawa ON

Database:
GEN

Generator No: ON6802088
SIC Code: 913910
SIC Description: Other Local Municipal and Regional Public Administration
Approval Years: 2010
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 221
Waste Class Name: LIGHT FUELS

Waste Class: 241
Waste Class Name: HALOGENATED SOLVENTS

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: Taggart Construction Limited
Rideau Valley Drive Ottawa ON

Database:
SPL

Ref No: 2534-7UPHZG
Year:
Incident Dt:
Dt MOE Arvl on Scn:
MOE Reported Dt: 8/7/2009
Dt Document Closed:
Site No:
MOE Response: Planned Field Response
Site County/District:
Site Geo Ref Meth:
Site District Office:

Municipality No:
Nature of Damage:
Discharger Report:
Material Group:
Health/Env Conseq:
Agency Involved:

Nearest Watercourse:
Site Name: Construction hole<UNOFFICIAL>
Site Address:
Site Region:
Site Municipality: Ottawa
Site Lot:
Site Conc:
Site Geo Ref Accu:
Site Map Datum:
Northing:
Easting:
Incident Cause: Unknown
Incident Event:
Environment Impact: Not Anticipated
Nature of Impact: Soil Contamination
Contaminant Qty: 40 L
System Facility Address:
Client Name: Taggart Construction Limited
Client Type:
Source Type:
Contaminant Code:
Contaminant Name: HYDRAULIC OIL
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Incident Reason: Unknown - Reason not determined
Incident Summary: Taggart Construction: 1L hydraulic oil to grnd, contd
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type: Other
SAC Action Class: Land Spills
Call Report Locatn Geodata:

Site: CONSTRUCTION COMPANY
 REGION RD #13, BAXTER CONSERVATION AREA TRANSPORT TRUCK (CARGO) RIDEAU TOWNSHIP ON

Database:
 SPL

Ref No:	66774	Municipality No:	20612
Year:		Nature of Damage:	
Incident Dt:	2/6/1992	Discharger Report:	
Dt MOE Arvl on Scn:		Material Group:	
MOE Reported Dt:	2/6/1992	Health/Env Conseq:	
Dt Document Closed:		Agency Involved:	
Site No:			
MOE Response:			
Site County/District:			
Site Geo Ref Meth:			
Site District Office:			
Nearest Watercourse:			
Site Name:			
Site Address:			
Site Region:			
Site Municipality:	RIDEAU TOWNSHIP		
Site Lot:			
Site Conc:			
Site Geo Ref Accu:			
Site Map Datum:			
Northing:			
Easting:			
Incident Cause:	OTHER CONTAINER LEAK		
Incident Event:			
Environment Impact:	CONFIRMED		
Nature of Impact:	Soil Contamination		
Contaminant Qty:			
System Facility Address:			
Client Name:			
Client Type:			

Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium: LAND
Incident Reason: WELD/SEAM FAILURE
Incident Summary: CLOUTIER CONSTRUCTION LTD-22L DIESEL FUEL TO GRAVEL ON SIDE ROAD.
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

Appendix: Database Descriptions

*Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. **Note:** Databases denoted with " * " indicates that the database will no longer be updated. See the individual database description for more information.*

Abandoned Aggregate Inventory:

Provincial

AAGR

The MAAP Program maintains a database of abandoned pits and quarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.*

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

AGR

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

Government Publication Date: Up to Nov 2023

Abandoned Mine Information System:

Provincial

AMIS

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

Government Publication Date: 1800-Mar 2022

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-Oct 31, 2023

Borehole:

Provincial

BORE

A borehole is the generalized term for any narrow shaft drilled in the ground, either vertically or horizontally. The information here includes geotechnical investigations or environmental site assessments, mineral exploration, or as a pilot hole for installing piers or underground utilities. Information is from many sources such as the Ministry of Transportation (MTO) boreholes from engineering reports and projects from the 1950 to 1990's in Southern Ontario. Boreholes from the Ontario Geological Survey (OGS) including The Urban Geology Analysis Information System (UGAIS) and the York Peel Durham Toronto (YPDT) database of the Conservation Authority Moraine Coalition. This database will include fields such as location, stratigraphy, depth, elevation, year drilled, etc. For all water well data or oil and gas well data for Ontario please refer to WWIS and OOGW.

Government Publication Date: 1875-Jul 2018

Certificates of Approval:Provincial [CA](#)

This database contains the following types of approvals: Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. The MOE in Ontario states that any facility that releases emissions to the atmosphere, discharges contaminants to ground or surface water, provides potable water supplies, or stores, transports or disposes of waste, must have a Certificate of Approval before it can operate lawfully. Fields include approval number, business name, address, approval date, approval type and status. This database will no longer be updated, as CofA's have been replaced by either Environmental Activity and Sector Registry (EASR) or Environmental Compliance Approval (ECA). Please refer to those individual databases for any information after Oct.31, 2011.

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:Federal [CDRY](#)

List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of tetrachloroethylene to the environment from dry cleaning facilities.

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks:Provincial [CFOT](#)

Locations of commercial underground fuel oil tanks. This is not a comprehensive or complete inventory of commercial fuel tanks in the province; this listing is a copy of records of registered commercial underground fuel oil tanks obtained under Access to Public Information.

Note that the following types of tanks do not require registration: waste oil tanks in apartments, office buildings, residences, etc.; aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Chemical Manufacturers and Distributors:Private [CHEM](#)

This database includes information from both a one time study conducted in 1992 and private source and is a listing of facilities that manufacture or distribute chemicals. The production of these chemical substances may involve one or more chemical reactions and/or chemical separation processes (i.e. fractionation, solvent extraction, crystallization, etc.).

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:Private [CHM](#)

This database includes a listing of locations of facilities within the Province or Territory that either manufacture and/or distributes chemicals.

Government Publication Date: 1999-Oct 31, 2023

Compressed Natural Gas Stations:Private [CNG](#)

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 -Nov 2023

Inventory of Coal Gasification Plants and Coal Tar Sites:Provincial [COAL](#)

This inventory includes both the "Inventory of Coal Gasification Plant Waste Sites in Ontario-April 1987" and the Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario-November 1988) collected by the MOE. It identifies industrial sites that produced and continue to produce or use coal tar and other related tars. Detailed information is available and includes: facility type, size, land use, information on adjoining properties, soil condition, site operators/occupants, site description, potential environmental impacts and historic maps available. This was a one-time inventory.*

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:Provincial [CONV](#)

This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

Government Publication Date: 1989-Jan 2024

Certificates of Property Use:Provincial [CPU](#)

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

Government Publication Date: 1994 - Jan 31, 2024

Drill Hole Database:

Provincial

[DRL](#)

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment files on record with the department of Mines and Minerals. Please note that limited data is available for southern Ontario, as it was the last area to be completed. The database was created when surveys submitted to the Ministry were converted in the Assessment File Research Image Database (AFRI) project. However, the degree of accuracy (coordinates) as to the exact location of drill holes is dependent upon the source document submitted to the MNDM. Levels of accuracy used to locate holes are: centering on the mining claim; a sketch of the mining claim; a 1:50,000 map; a detailed company map; or from submitted a "Report of Work".

Government Publication Date: 1886 - Aug 2023

Delisted Fuel Tanks:

Provincial

[DTNK](#)

List of fuel storage tank sites that were once found in - and have since been removed from - the list of fuel storage tanks made available by the regulatory agency under Access to Public Information.

Government Publication Date: Oct 2023

Environmental Activity and Sector Registry:

Provincial

[EASR](#)

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

Government Publication Date: Oct 2011-Jan 31, 2024

Environmental Registry:

Provincial

[EBR](#)

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

Government Publication Date: 1994 - Jan 31, 2024

Environmental Compliance Approval:

Provincial

[ECA](#)

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

Government Publication Date: Oct 2011- Jan 31, 2024

Environmental Effects Monitoring:

Federal

[EEM](#)

The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of fisheries resources. Since 1992, pulp and paper mills have been required to conduct EEM studies under the Pulp and Paper Effluent Regulations. This database provides information on the mill name, geographical location and sub-lethal toxicity data.

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

[EHS](#)

ERIS has compiled a database of all environmental risk reports completed since March 1999. Available fields for this database include: site location, date of report, type of report, and search radius. As per all other databases, the ERIS database can be referenced on both the map and "Statistical Profile" page.

Government Publication Date: 1999-Dec 31, 2023

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 ERIIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Apr 30, 2022**Environmental Penalty Annual Report:**

Provincial

EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations.

Government Publication Date: Jan 1, 2011 - Dec 31, 2022**List of Expired Fuels Safety Facilities:**

Provincial

EXP

List of facilities and tanks for which there was once a fuel registration. This is not a comprehensive or complete inventory of expired tanks/tank facilities in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel outlets, bulk plants, fuel oil tanks, gasoline stations, marinas, propane filling stations, liquid fuel tanks, piping systems, etc; includes tanks which have been removed from the ground.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023**Federal Convictions:**

Federal

FCON

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

Government Publication Date: 1988-Jun 2007***Contaminated Sites on Federal Land:**

Federal

FCS

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

Government Publication Date: Jun 2000-Oct 2023**Fisheries & Oceans Fuel Tanks:**

Federal

FOFT

Fisheries & Oceans Canada maintains an inventory of aboveground & underground fuel storage tanks located on Fisheries & Oceans property or controlled by DFO. Our inventory provides information on the site name, location, tank owner, tank operator, facility type, storage tank location, tank contents & capacity, and date of tank installation.

Government Publication Date: 1964-Sep 2019**Federal Identification Registry for Storage Tank Systems (FIRSTS):**

Federal

FRST

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

Government Publication Date: Oct 31, 2021**Fuel Storage Tank:**

Provincial

FST

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information.

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

Fuel Storage Tank - Historic:

Provincial

FSTH

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2021

TSSA Historic Incidents:

Provincial

HINC

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here.

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation.

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

Listing of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen reported to the Spills Action Centre (SAC). This is not a comprehensive or complete inventory of fuel-related leaks, spills, and incidents in the province; this listing is a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: 31 Oct, 2023

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Mar 31, 2022

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Feb 2023

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released.

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2022

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database.

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered.

Government Publication Date: Mar 1999-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

The Department of National Defence and the Canadian Forces maintains an inventory of waste disposal sites located on DND lands. Where available, our inventory provides information on the base name, location, type of waste received, area of site, depth of site, year site opened/closed and status.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

NEBP

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003***National PCB Inventory:**

Federal

NPCB

Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008***National Pollutant Release Inventory 1993-2020:**

Federal

NPR2

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

Government Publication Date: Sep 2020**National Pollutant Release Inventory - Historic:**

Federal

NPRI

Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. This data holds historic records; current records are found in NPR2.

Government Publication Date: 1993-May 2017**Oil and Gas Wells:**

Private

OGWE

The Nickle's Energy Group (publisher of the Daily Oil Bulletin) collects information on drilling activity including operator and well statistics. The well information database includes name, location, class, status and depth. The main Nickle's database is updated on a daily basis, however, this database is updated on a monthly basis. More information is available at www.nickles.com.

Government Publication Date: 1988-Nov 30, 2023**Ontario Oil and Gas Wells:**

Provincial

OOGW

In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Aug 2023**Inventory of PCB Storage Sites:**

Provincial

OPCB

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

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

Provincial

ORD

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

Government Publication Date: 1994 - Jan 31, 2024

Canadian Pulp and Paper:

Private

PAP

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

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

Parks Canada Fuel Storage Tanks:

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

PES

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

Government Publication Date: Oct 2011- Jan 31, 2024

NPRI Reporters - PFAS Substances:

Federal

PFCH

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

Government Publication Date: Sep 2020

Potential PFAS Handlers from NPRI:

Federal

PFHA

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

Government Publication Date: Sep 2020

Pipeline Incidents:

Provincial

PINC

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks:

Provincial

PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

PTTW

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

Government Publication Date: 1994 - Jan 31, 2024

Ontario Regulation 347 Waste Receivers Summary:

Provincial

REC

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data.

Government Publication Date: 1986-1990, 1992-2021

Record of Site Condition:

Provincial

[RSC](#)

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up. RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09). The Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

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

Retail Fuel Storage Tanks:

Private

[RST](#)

This database includes an inventory of retail fuel outlet locations (including marinas) that have on their property gasoline, oil, waste oil, natural gas and / or propane storage tanks.

Government Publication Date: 1999-Oct 31, 2023

Scott's Manufacturing Directory:

Private

[SCT](#)

Scott's Directories is a data bank containing information on over 200,000 manufacturers across Canada. Even though Scott's listings are voluntary, it is the most comprehensive database of Canadian manufacturers available. Information concerning a company's address, plant size, and main products are included in this database.

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial

[SPL](#)

List of spills and incidents made available by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Jan 2023; May 2023-Dec 2023

Wastewater Discharger Registration Database:

Provincial

[SRDS](#)

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries.

Government Publication Date: 1990-Dec 31, 2020

Anderson's Storage Tanks:

Private

[TANK](#)

The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

[TCFT](#)

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type.

Government Publication Date: 1970 - Apr 2023

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

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

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011-Jan 31, 2024

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Mar 31 2023

Definitions

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

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

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

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

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

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

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

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

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

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

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

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



Appendix C

Aerial Photographs



AIR PHOTO DIVISION - ENERGY, MINES & RESOURCES - CANADIAN GOVT. COPYRIGHT



Legend

Phase One Property

0	10/06/2024		
Revision	Date	Issue	Approval

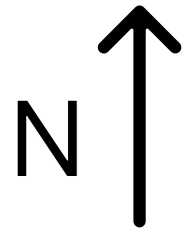
Client
Ignite Architecture Inc.

Site
5580 Manotick Main Street, Ottawa, Ontario

Report Title
Phase One Environmental Site Assessment

Drawing Title
Aerial Photograph - 1936

Designed By	M.O	Scale	N/A
Drawn By	M.O	Date	10/06/2024
Approved By	S.A	Project No.	B040007
Appendix C - No.			



Legend

Phase One Property

0	10/06/2024		
Revision	Date	Issue	Approval

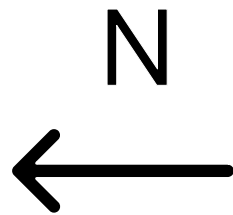
Client
Ignite Architecture Inc.

Site
5580 Manotick Main Street, Ottawa, Ontario

ReportTitle
Phase One Environmental Site Assessment

DrawingTitle
Aerial Photograph - 1946

Designed By	M.O	Scale	N/A
Drawn By	M.O	Date	10/06/2024
Approved By	S.A	Project No.	B040007
Appendix C - No.			



Legend

Phase One Property

0	10/06/2024		
Revision	Date	Issue	Approval

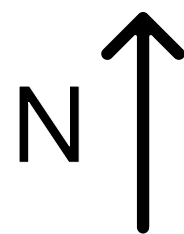
Client
Ignite Architecture Inc.

Site
5580 Manotick Main Street, Ottawa, Ontario

ReportTitle
Phase One Environmental Site Assessment

DrawingTitle
Aerial Photograph - 1960

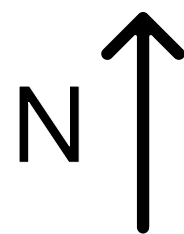
Designed By	M.O	Scale	N/A
Drawn By	M.O	Date	10/06/2024
Approved By	S.A	Project No.	B040007



Legend

 Phase One Property

0	10/06/2024		
Revision	Date	Issue	Approval
Client Ignite Architecture Inc.			
Site 5580 Manotick Main Street, Ottawa, Ontario			
ReportTitle Phase One Environmental Site Assessment			
DrawingTitle Aerial Photograph - 1976			
Designed By M.O		Scale N/A	
Drawn By M.O		Date 10/06/2024	
Approved By S.A		Project No. B040007	



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© HER MAJESTY THE QUEEN IN RIGHT OF CANADA, DEPARTMENT OF ENERGY, MINES AND RESOURCES.



Legend



0	10/06/2024		
Revision	Date	Issue	Approval

Client
Ignite Architecture Inc.

Site
5580 Manotick Main Street, Ottawa, Ontario

Report Title
Phase One Environmental Site Assessment

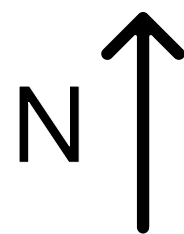
Drawing Title
Aerial Photograph - 1980

Designed By	M.O	Scale	N/A
-------------	-----	-------	-----

Drawn By	M.O	Date	10/06/2024
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Approved By	S.A	Project No.	B040007
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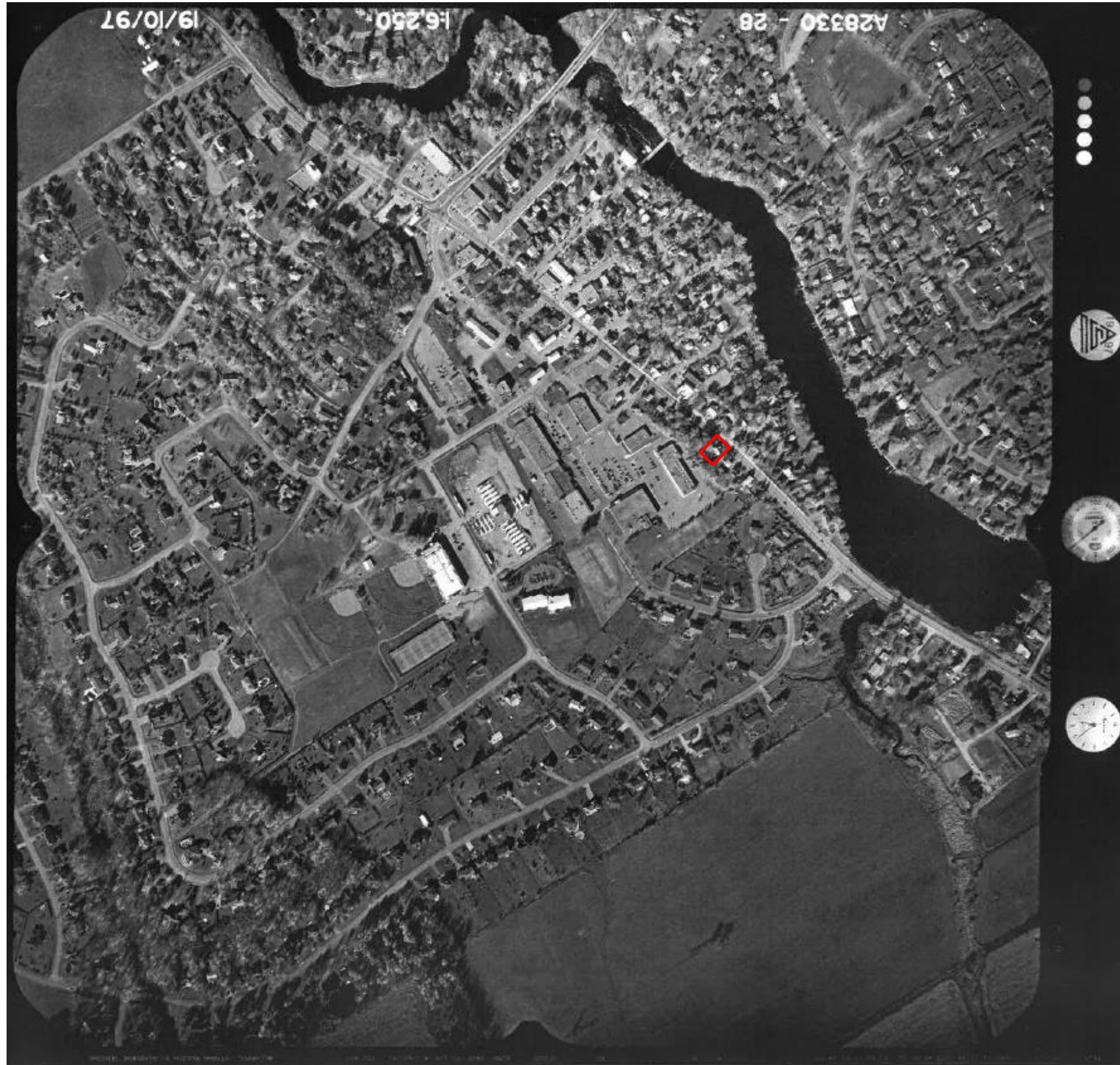
Appendix C - No.



Legend

Phase One Property

0	10/06/2024		
Revision	Date	Issue	Approval
Client Ignite Architecture Inc.			
Site 5580 Manotick Main Street, Ottawa, Ontario			
ReportTitle Phase One Environmental Site Assessment			
DrawingTitle Aerial Photograph - 1991			
Designed By M.O		Scale N/A	
Drawn By M.O		Date 10/06/2024	
Approved By S.A		Project No. B040007	
Appendix C - No.			



Legend

 Phase One Property

0	10/06/2024		
Revision	Date	Issue	Approval
Client			
Ignite Architecture Inc.			
Site			
5580 Manotick Main Street, Ottawa, Ontario			
ReportTitle			
Phase One Environmental Site Assessment			
DrawingTitle			
Aerial Photograph - 1997			
Designed By		Scale	
M.O		N/A	
Drawn By		Date	
M.O		10/06/2024	
Approved By		Project No.	
S.A		B040007	
Appendix C - No.			



Legend

Phase One Property

0	10/06/2024		
Revision	Date	Issue	Approval
Client Ignite Architecture Inc.			
Site 5580 Manotick Main Street, Ottawa, Ontario			
ReportTitle Phase One Environmental Site Assessment			
DrawingTitle Aerial Photograph - 1999			
Designed By M.O		Scale N/A	
Drawn By M.O		Date 10/06/2024	
Approved By S.A		Project No. B040007	
Appendix C - No.			

8



Legend

Phase One Property

0	10/06/2024		
Revision	Date	Issue	Approval
Client			
Ignite Architecture Inc.			
Site			
5580 Manotick Main Street, Ottawa, Ontario			
ReportTitle			
Phase One Environmental Site Assessment			
DrawingTitle			
Aerial Photograph - 2002			
Designed By		Scale	
M.O		N/A	
Drawn By		Date	
M.O		10/06/2024	
Approved By		Project No.	
S.A		B040007	
Appendix C - No.			



Legend

 Phase One Property

0	10/06/2024		
Revision	Date	Issue	Approval
Client			
Ignite Architecture Inc.			
Site			
5580 Manotick Main Street, Ottawa, Ontario			
ReportTitle			
Phase One Environmental Site Assessment			
DrawingTitle			
Aerial Photograph - 2005			
Designed By		Scale	
M.O		N/A	
Drawn By		Date	
M.O		10/06/2024	
Approved By		Project No.	
S.A		B040007	



Legend

 Phase One Property

0	10/06/2024		
Revision	Date	Issue	Approval

Client
Ignite Architecture Inc.

Site
5580 Manotick Main Street, Ottawa, Ontario

ReportTitle
Phase One Environmental Site Assessment

DrawingTitle
Aerial Photograph - 2007

Designed By	M.O	Scale	N/A
Drawn By	M.O	Date	10/06/2024
Approved By	S.A	Project No.	B040007



Legend

 Phase One Property

0	10/06/2024		
Revision	Date	Issue	Approval
Client			
Ignite Architecture Inc.			
Site			
5580 Manotick Main Street, Ottawa, Ontario			
ReportTitle			
Phase One Environmental Site Assessment			
DrawingTitle			
Aerial Photograph - 2008			
Designed By		Scale	
M.O		N/A	
Drawn By		Date	
M.O		10/06/2024	
Approved By		Project No.	
S.A		B040007	
Appendix C - No.			



Legend

 Phase One Property

0	10/06/2024		
Revision	Date	Issue	Approval
Client			
Ignite Architecture Inc.			
Site			
5580 Manotick Main Street, Ottawa, Ontario			
ReportTitle			
Phase One Environmental Site Assessment			
DrawingTitle			
Aerial Photograph – 2011			
Designed By		Scale	
M.O		N/A	
Drawn By		Date	
M.O		10/06/2024	
Approved By		Project No.	
S.A		B040007	



Legend

 Phase One Property

0	10/06/2024		
Revision	Date	Issue	Approval

Client
Ignite Architecture Inc.

Site
5580 Manotick Main Street, Ottawa, Ontario

ReportTitle
Phase One Environmental Site Assessment

DrawingTitle
Aerial Photograph – 2014

Designed By
M.O

Scale
N/A

Drawn By
M.O

Date
10/06/2024

Approved By
S.A

Project No.
B040007

Appendix C - No.
14



Legend

Phase One Property

0	10/06/2024		
Revision	Date	Issue	Approval

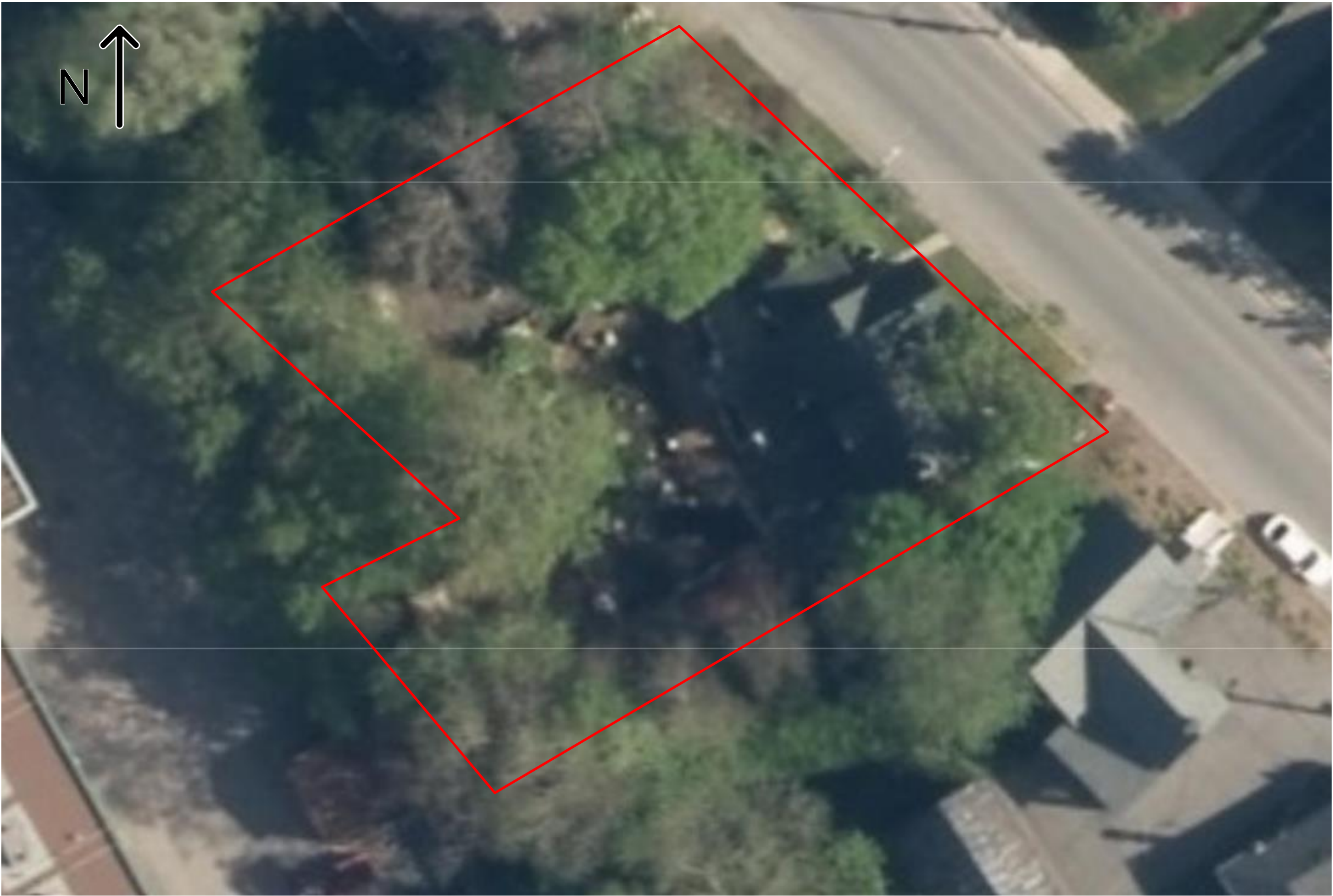
Client
Ignite Architecture Inc.

Site
5580 Manotick Main Street, Ottawa, Ontario

ReportTitle
Phase One Environmental Site Assessment

DrawingTitle
Aerial Photograph – 2015

Designed By	M.O	Scale	N/A
Drawn By	M.O	Date	10/06/2024
Approved By	S.A	Project No.	B040007



Legend

Phase One Property

0	10/06/2024		
Revision	Date	Issue	Approval
Client			
Ignite Architecture Inc.			
Site			
5580 Manotick Main Street, Ottawa, Ontario			
ReportTitle			
Phase One Environmental Site Assessment			
DrawingTitle			
Aerial Photograph – 2017			
Designed By		Scale	
M.O		N/A	
Drawn By		Date	
M.O		10/06/2024	
Approved By		Project No.	
S.A		B040007	



Legend

Phase One Property

0	10/06/2024		
Revision	Date	Issue	Approval
Client			
Ignite Architecture Inc.			
Site			
5580 Manotick Main Street, Ottawa, Ontario			
ReportTitle			
Phase One Environmental Site Assessment			
DrawingTitle			
Aerial Photograph – 2019			
Designed By		Scale	
M.O		N/A	
Drawn By		Date	
M.O		10/06/2024	
Approved By		Project No.	
S.A		B040007	



Legend

 Phase One Property

0	10/06/2024		
Revision	Date	Issue	Approval
Client			
Ignite Architecture Inc.			
Site			
5580 Manotick Main Street, Ottawa, Ontario			
ReportTitle			
Phase One Environmental Site Assessment			
DrawingTitle			
Aerial Photograph – 2021			
Designed By		Scale	
M.O		N/A	
Drawn By		Date	
M.O		10/06/2024	
Approved By		Project No.	
S.A		B040007	



Legend

 Phase One Property

0	10/06/2024		
Revision	Date	Issue	Approval
Client	Ignite Architecture Inc.		
Site	5580 Manotick Main Street, Ottawa, Ontario		
ReportTitle	Phase One Environmental Site Assessment		
DrawingTitle	Aerial Photograph – 2022		
Designed By	M.O	Scale	N/A
Drawn By	M.O	Date	10/06/2024
Approved By	S.A	Project No.	B040007
Appendix C - No.	19		



Appendix D

List of past owners of the Property

Address: 5580 Main Street

Location: Pt. Lot 3, Con A 78 North Gower

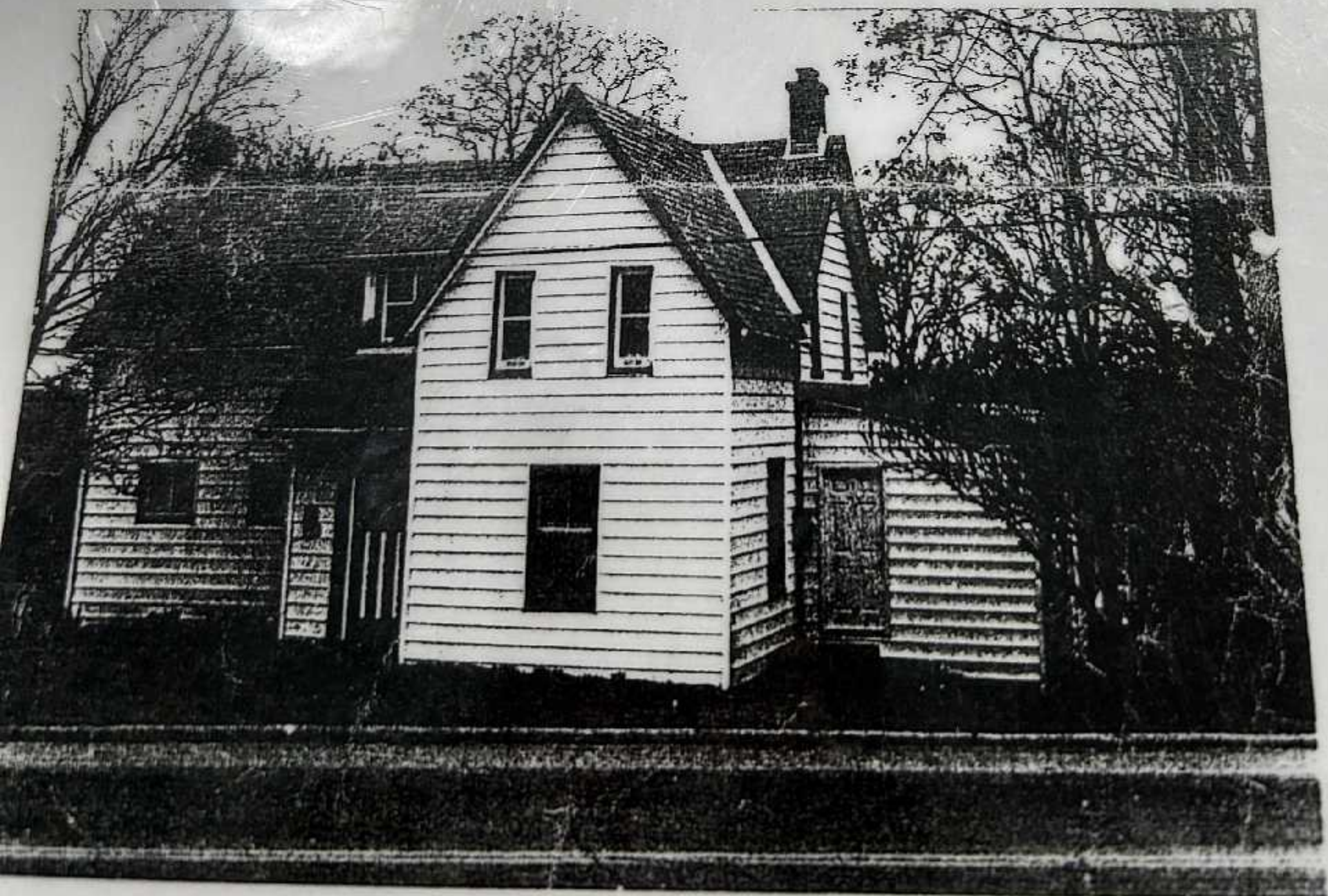
Date and Fabric: c 1885 two storey modern siding over brick

Known owners:	Crown	- 1858
	Daniel O'Connor	1858 - 1860
	Margaret O'Connor	1860 - 1865
	Margaret Deheney	1865 - 1873
	John Condie	1873 - 1882
	John C. Hicks	1882 - 1885
	Nadah Eastman	1885 - 1886
	Eli Hicks [then Ada M. & John W. Hicks]	1886 - 1926
	Wm. J Hicks [life lease for Ada & Jno. W.]	1926 - 1954
	Jessie M. Hicks	1954 - 1957
	Kenneth and Betty Goode	1957 - 1977
	George and Lynne M. Pancy	1977 - 1980
	Robert and Susan Ashley	1980 - 1982
	Judith M. Holt	1982 - 1995

Donna Wright

1996 -

Photograph see also slides B-3778 and C-206 to 208 from 1973.



Appendix E

Ottawa – Nepean 1999 City Directory, Manotick St

1999
Ottawa - Nepean, Ontario
Criss Cross Directory



**CREDIT BUREAU
OF
OTTAWA • HULL**

Telephone:

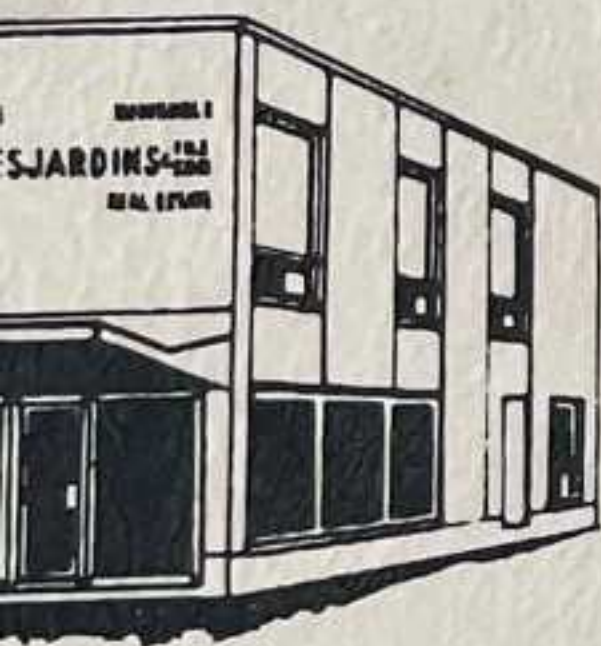
(613) 236-0251

ater Street
a, Ontario K1P 5X6

*The Information
Source*

EQUIFAX
CANADA
Systems
Affiliate

FAX: (613) 236-0251



• ASSURANCE • IMMEUBLE • ANALYSE DE SUCCESSION

G. A. Desjardins & FILS

SON

• INSURANCE • REAL ESTATE • ESTATE PLANNING

241-7265

170 DALHOUSIE, OTTAWA

FAX: 241-7265



METCALFE
REALTY COMPANY LIMITED

TOUR OUR OFFICE SP

www.metcalfe.com

130 Albert St., Suite 210, Ottawa, Ontario K1P 5G4

TEL 563-4442 FAX 232-3491

K1N 1E5 567-2059
K1N 1E5 230-1815
K1N 1E5 237-1549
K1N 1E5 233-2067
K1N 1E5 569-1717
K1N 1E5 567-5871
K1N 1E5 565-1067

K1N 1E5 565-0578
K1N 1E5 569-3109

K1N 1E5 565-7105
K1N 1E5 565-7944
K1N 1E5 565-1953

K1N 1E5 569-1809

K1N 1E5 565-3251

K1N 1E5 565-7983
K1N 1E5 238-4396

K1N 1E5 230-4231

K1N 1E5 565-3272
K1N 1E5 234-3501
K1N 1E5 565-0041

K1N 8P4 565-5919

K1N 8P4 565-7941
HOUSEHOLDS 161

(N)

K2J 4A1 823-7394
K2J 4A1 825-3894

600 Steacie A [2]
Steacie J R B [2]
619 Saulnier Russell
661 Davis J [2]
724 AMBASSADE DU
SAINT-SIEGE
APOSTOLIC
NUNCIATURE
EMBASSY OF THE
HOLY SEE
725 Wallack J [2]
737 Mintsioulis George [2]
Stavrakaki C [2]

BUSINESSES 6

MANOTICK ST (O)

CHATTERLEY'S A J
CLASSIC WOMEN'S
WEAR
DEVON BAKERY
LTD
GROOMINGDALE'S...
LILLIAN'S BEAUTY
SALON
MACKAY &
SANDERSON
(MANOTICK
OFFICE)
MANOTICK
DELICATESSEN
LTD
MANOTICK
FLORISTS
LTD
MANOTICK HOME
HARDWARE
LTD
MANOTICK I D A
PHARMACY

K1M 0J1 749-6911
K1M 0K3 745-0661
K1M 0K3 749-8122
K1M 0J1 745-4734
K1M 0J1 749-8533
K1M 0E3 746-4914
K1M 0E3 746-4914
K1M 0E3 746-4914
K1M 0E4 749-1960
K1M 0E4 745-0488
K1M 0E4 745-0488
HOUSEHOLDS 45

Thompson
550 Riley Gerald
553 Midgley P [2]
Taylor David
556 Kilpatrick R
557 Sandler Howard
560 Easson J S
561 Limoges R [2]
Veilleux M
564 Sabiston C
565 Erdmann R
568 Hollett Andre
569 Hunt Douglas
572 Hosking Mar
573 Goring P A
576 Irvine Doug
577 Graff Brian
580 St-Louis R [2]
583 Anderson R
584 Stewart Luke
595 Chapman Ch
Murphy H
598 Sharpe C A
599 Thornell Mar
601 Conway Pau
604 Baldwin Ted
605 Jamieson R
606 Axon H D [2]
609 Anderson Pa
610 Simister P A
613 Gourlay A [2]
Gourlay G
614 Mc Taggart
Jenkins H G
618 Aley G F [2]
621 Whitfield J F
622 Latour P [2]
625 Chan Michael

MANJU ST to MANSFIELD AVE

			MANOTICK ST		
			Address		cont'd Phone
.....	K2J 4A1	823-0841	MANOTICK TRAVEL		
.....	K2J 4A1	823-3029	& CRUISE		
.....	K2J 4A1	825-9004	CENTRE		692-2521
.....	K2J 4A1	823-2248	MANOTICK VISION		
.....	K2J 4A1	825-2308	CENTRE		692-2579
.....	K2J 4A1	825-6642	MANSFIELD SHOES.		692-3304
.....	K2J 4A1	825-6465	OSGOODE RIDEAU		
.....	K2J 4A1	823-1237	MINOR		
.....	K2J 4A1	823-6597	HOCKEY		692-0285
.....	K2J 4A1	823-7518	PEARL HOUSE		
.....			DINING		
IC...	K2J 4A1	823-7939	LOUNGE		692-3288
2]	K2J 4A1	825-3879	POTTER'S MILK		
.....	K2J 4A1	825-9009	TRANSPORT		
.....	K2J 4A1	823-2007	LTD		692-4208
.....	K2J 4A1	825-4836	QUALITY CLEANERS		692-3450
.....	K2J 4A1	825-1478	SAFFRON'S		
.....	K2J 4A1	825-6242	KITCHEN GIFT		
.....	K2J 4A1	823-2934	& SEWING		
.....	K2J 4A1	825-0859	SHOP		692-2064
.....	K2J 4A1	823-6179	VALDEMAR		
			JEWELLERS		
	HOUSEHOLDS 21		INC		692-2791
			VIDEOFLICKS	K0A 1A0	692-3961
			NPyper Barry		822-2327
			NPyper Russell		822-1337
.....	K1M 0E2	749-6903	1005NKingsley R		822-3306
2] ..	K1M 0E2	742-6257	1066NDuminie Doug		822-6235
.....	K1M 0E2	741-6120	1097NPrescott Mel		822-1113
.....			1105NOrtis Firmino		822-0963
.....	K1M 0E2	741-6264	1404NDowney Oswald J		821-2274
	HOUSEHOLDS 2		BUSINESSES 19		HOUSEHOLDS 7

MANSFIELD AVE (O)

.....	746-4914	421 RESEARCH AND		
.....		TRAFFIC GROUP		
.....		THE	K2A 2S6	761-9952
.....	K1M 0H1	Lake Richard W 2]	K2A 2S6	725-1372
.....	K1M 0H2	427 Jeffery W G 2] ▲	K2A 2S6	729-4938
2] ..	K1M 0H1	432 Desprey D W 2]	K2A 2S7	729-8530
.....	K1M 0H1	Desprey Dale 2] ▲	K2A 2S7	728-7586
.....	K1M 0H1	436 Living Art 2]	K2A 2S7	728-9266
.....	K1M 0H2	Segal Mel 2] ▲	K2A 2S7	729-6592
.....	K1M 0H2	437NDickson-Smith J	K2A 2S6	722-2935
.....	K1M 0H2	440 Bergen Bruce P 2]	K2A 2S7	761-1679
.....	K1M 0H2	Goodwin C A 2]	K2A 2S7	761-1679

FAX 738-5024
TEL 738-2372

87 GEORGE ST.

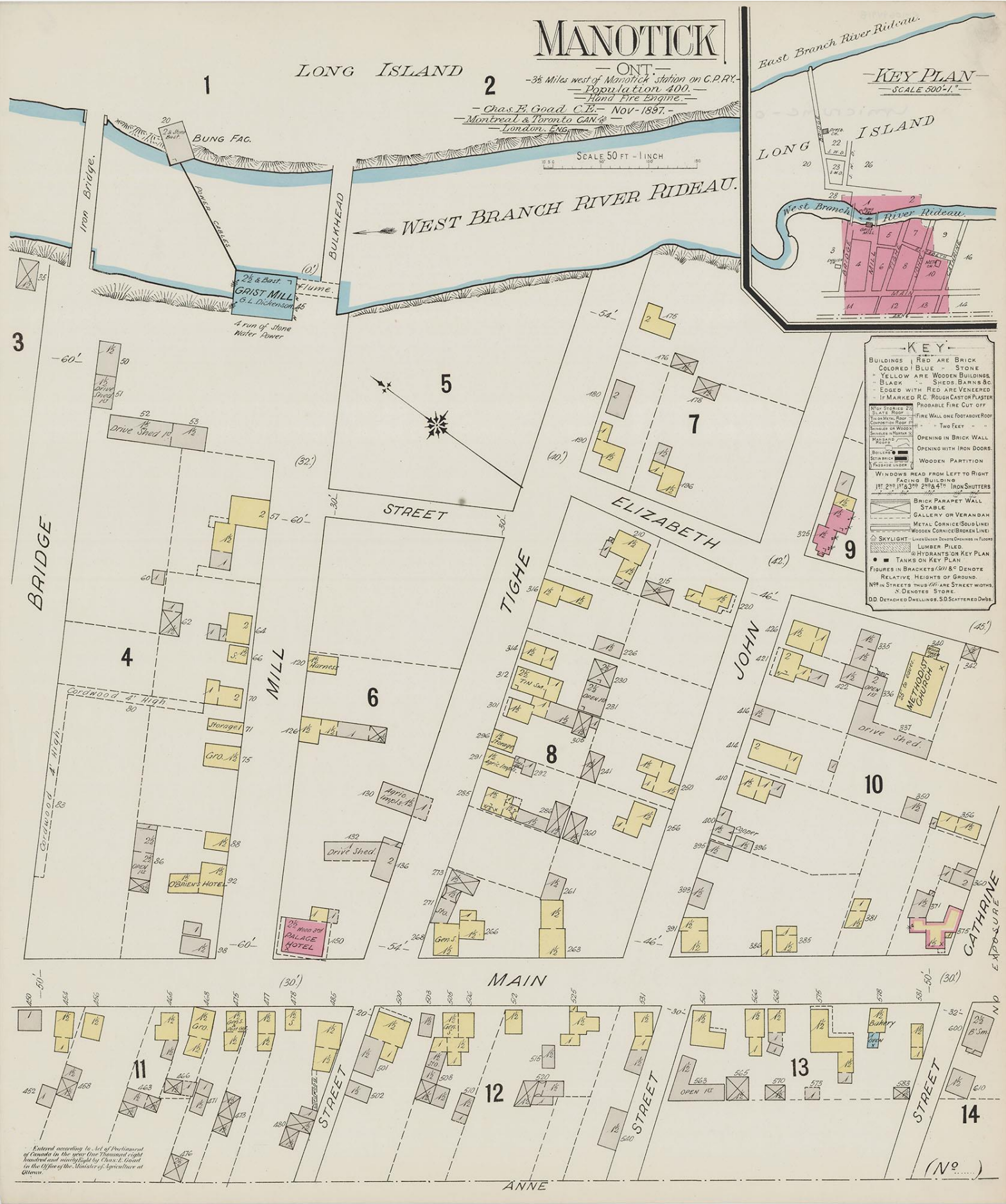
580

CFR



Appendix F

Fire Insurance Plan



Legend

0	10/06/2024		
Revision	Date	Issue	Approval

Client
Ignite Architecture Inc.

Site
5580 Manotick Main Street, Ottawa, Ontario

Report Title
Phase One Environmental Site Assessment

Drawing Title
Fire Insurance Plan, Manotick

Designed By	M.O	Scale	N/A
Drawn By	M.O	Date	10/06/2024
Approved By	S.A	Project No.	B040007
Figure No.			



Appendix G

Site Investigation Photographs



The above photograph of the front of the residential property facing Manotick Main Street shows a fuel storage tank vent pipe sticking out of the asphalt paved area on the south side of the residential building. This suggests that a fuel tank was used in the past for heating. This is an area of potential concern due to potential spills related to fuel transfer or malfunctions. No fuel tank was observed in the crawl space or basement of the residential building. This photograph was taken in the west direction.



The above photograph illustrates the fuel storage tank vent on the south side of the residential building in closer detail. This photograph was taken in the north direction.



The above photograph shows the barn in the backyard of the Property, which is an area of potential environmental concern. During the interview with the Property Owner, the Property Owner stated that he was unaware of the past uses and activities that were conducted in the barn. The white tote on the north side of the barn contributes to this area of potential environmental concern. It suggest that chemicals could have been stored on the Property. This photograph was taken in the south direction.



The above photograph illustrates the white tote on the north side of the barn in closer detail. This photograph was taken in the south direction.



The above photograph illustrates the blue workshop on the north side of the residential property. This photograph was taken in the northeast direction.



The above photograph shows the chimney and wood burning oven in the southwest corner of the workshop. The Property Owner was not aware of the date of the chimney; however, it seems old. This photograph was taken in the west direction.



The above photograph was taken from the commercial building adjacent to the west of the Property. It illustrates the back of the Property as well as a black grease and fat storage bin located behind the Property. Oil stains can be seen on the asphalt leading to the bin, suggesting oil spills. This photograph was taken in the northeast direction.



The above photograph illustrates the contents of the black bin located on the commercial property to the west of the Property. Grease, fat and oil were found inside as well as on top of the bin. The fats found inside the bin probably originated from the Pearl House Dining Lounge, a restaurant located directly southwest of the Property, at 1160 Beaverwood Road. The restaurant is shown in the photograph below. This photograph was taken in the north direction.



The above photograph shows the back of the Pearl House Dining Lounge restaurant located at 1160 Beaverwood Road. This photograph was taken in the southwest direction.