



Phase One Environmental Site Assessment

5581 Doctor Leach Drive
Manotick, Ontario

Prepared for:

**Rideau Non-Profit
Housing Inc.**
5581 Doctor Leach Drive
Manotick, ON K4M 1J6

August 30, 2022

Pinchin File: 306391



Issued To: Rideau Non-Profit Housing Inc.
Issued On: August 30, 2022
Pinchin File: 306391
Issuing Office: Kanata, ON

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1.0 EXECUTIVE SUMMARY

Pinchin Ltd. (Pinchin) was retained by Rideau Non-Profit Housing Inc. (Client) to complete a Phase One Environmental Site Assessment (Phase One ESA) of the property located at 5581 Doctor Leach Drive in Manotick, Ontario (hereafter referred to as the Site or Phase One Property). The Phase One Property is presently developed with a two-storey multi-tenant residential building (Site Building). The Site Building is located on the west portion of the Phase One Property.

Pinchin conducted this Phase One ESA in accordance with Part VII and Schedule D of the Province of Ontario's *Environmental Protection Act R.S.O. 1990, c. E.19* and *Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act*, and last amended by Ontario Regulation 274/20 on July 1, 2020 (O. Reg. 153/04). The purpose of the Phase One ESA was to assess the potential presence of environmental impacts at the Phase One Property due to activities at and near the Phase One Property.

This Phase One ESA was conducted at the request of the Client as a condition for a Site Plan Approval application with the City of Ottawa.

The scope of work for this Phase One ESA was consistent with O. Reg. 153/04 and was comprised of the following:

- **A Records Review:** Reviewed available current and historical information sources pertaining to the Phase One Property and Phase One Study Area including the use of, but not limited to, aerial photographs, city directories and a regulatory data base search. Regulatory agencies were also contacted to identify if any records of environmental non-compliance or other information associated with the environmental condition of the Phase One Property exists, including searches of Ministry of the Environment, Conservation and Parks (MECP) and Technical Standards and Safety Authority (TSSA) records;
- **Interviews:** Conducted interviews with a Site Representative (see Section 5.0) to determine if any current or historical operations have caused a concern with respect to the environmental condition of the Phase One Property and the surrounding properties within the Phase One Study Area;
- **Site Reconnaissance:** Completed a visual assessment of the Phase One Property and the surrounding properties within the Phase One Study Area (from publicly-accessible areas) including any associated buildings and/or facilities for the purpose of identifying the presence of potentially contaminating activities (PCAs);
- **Evaluation:** Evaluated the information gathered from the records review, interviews and Site reconnaissance;



- Reporting: Prepared a Phase One ESA report; and
- Submission: Submitted the Phase One ESA report to the Client.

The Phase One Property consists of one legal lot situated at the municipal address of 5581 Doctor Leach Drive, Manotick, Ontario and is currently owned by Rideau Non-Profit Housing Inc. The Phase One Property is located immediately northeast of Doctor Leach Drive, approximately 35 metres (m) southeast of the intersection of Doctor Leach Drive and Village Walk Private, in Manotick, Ontario.

To the best of Pinchin's knowledge, no building or structure had been constructed on the Phase One Property prior to 1976, based on a review of a 1976 aerial photograph that showed the Phase One Property to be undeveloped, vacant land. The 1985 aerial photograph showed a multi-tenant residential building, similar in size and configuration to the present-day Site Building, located on-Site. Based on a comparison of the 1976 and 1985 aerial photographs, the first developed use of the Phase One Property occurred between 1976 and 1985.

It is Pinchin's opinion that the date of the first developed use of the Phase One Property is between 1976 and 1985, with the construction of a multi-tenant residential building, similar in size and configuration to the present-day Site Building, on the Phase One Property. The date of the first developed use of the Phase One Property was determined through a review of aerial photographs. No other information was reviewed by Pinchin during the records review or obtained during the Site reconnaissance or interviews, which would have resulted in a different interpretation of the date of first developed use of the Phase One Property.

One PCA was identified at the Phase One Property (i.e., a pad-mounted oil-cooled transformer located adjacent to the north elevation of the Site Building). 13 PCAs were identified within the Phase One Study Area (i.e., the properties located adjacent to the northwest elevation of the Phase One Property and approximately 15 m southwest of the Phase One Property located within the Waste Generator Database Review Area and listed within the O. Reg. 347 Waste Generators database search results as waste generators; and a total of 21 pole-mounted oil-cooled transformers located within 250 m of the Phase One Property); however, based on the fact that no evidence of spills or historical spills (i.e., staining) observed in the vicinity of the transformers, no issues of potential environmental concern (i.e., spills) noted for the transformers within the Environmental Risk Information Services report, any maintenance/environmental issues associated with the transformers being the responsibility of Hydro One and the distance between these properties/operations and the Phase One Property, it is Pinchin's opinion that these PCAs do not represent areas of potential environmental concern for the Phase One Property. Based on these findings, nothing was identified that is likely to have resulted in impacts to the soil and/or groundwater at the Phase One Property and would require the completion of a Phase Two ESA. As such,



it is Pinchin's opinion that the Phase One Property is suitable for the purpose of filing a Site Plan Approval with the City of Ottawa based only on the completion of this Phase One ESA report.

It should be noted that the references and sources for the information used in evaluating the Phase One Property are provided in the relevant sections of this report. Specific references are also summarized in Section 9.0.

This Executive Summary is subject to the same standard limitations as contained in the report and must be read in conjunction with the entire report.

This report has been issued without having received responses from requests for information sent to the MECP and TSSA. Once responses from these regulatory bodies are received, the information will be incorporated into a revised version of this report. Our conclusions and recommendations may be amended based on this information.

2.0 INTRODUCTION

A Phase One ESA is defined as a systematic qualitative process to determine whether a particular property is, or may be subject to, actual or potential contamination. Under the Province of Ontario's *Environmental Protection Act R.S.O. 1990, c. E.19* (EPA) and *Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act*, and last amended by Ontario Regulation 274/20 on July 1, 2020 (O. Reg. 153/04), the purpose of a Phase One ESA is two-fold:

- To obtain and review records that relate to the Phase One Property, and to the current and past uses of and activities at or affecting the Phase One Property, in order to determine if an area of potential environmental concern (APEC) exists and to interpret any APEC; and
- To obtain and review records that relate to properties in the Phase One Study Area, other than the Phase One Property, in order to determine if a potentially contaminating activity (PCA) exists and interpret whether any such PCA results in an APEC at the Phase One Property.

This Phase One ESA was conducted at the request of the Client as a condition for a Site Plan Approval application with the City of Ottawa.

A Phase One ESA does not include sampling or testing of environmental media or building materials. The study period for this assessment was during August 2022, which included the records review, Site reconnaissance, interviews and reporting.

2.1 Phase One Property Information

The Phase One Property consists of one legal lot situated at the municipal address of 5581 Doctor Leach Drive, Manotick, Ontario and is currently owned by Rideau Non-Profit Housing Inc. The Phase One



Property is located immediately northeast of Doctor Leach Drive, approximately 35 metres (m) southeast of the intersection of Doctor Leach Drive and Village Walk Private, in Manotick, Ontario as shown on Figure 1 (all Figures are provided in Appendix A and all appendices are provided in Section 10.0). A plan showing the Phase One Study Area for which this Phase One ESA applies to is outlined on Figure 2. PCAs identified within the Phase One Study Area are depicted on Figure 3. Photographs of the Phase One Property and surrounding properties are presented in Appendix B.

Pertinent details of the Phase One Property are provided in the following table:

Detail	Source / Reference	Information
Legal Description	Legal Survey Drawing provided by the Client	N/A
Municipal Address	Client	5581 Doctor Leach Drive, Manotick, ON K4M 1J6
Parcel Identification Number (PIN)	Legal Survey Drawing provided by the Client	N/A
Current Owner	Client	Rideau Non-Profit Housing Inc.
Current Occupants	Client	Multi-tenant residential building
Client	Authorization to Proceed, Limitation of Liability & Terms of Engagement Form	Rideau Non-Profit Housing Inc.
Client Contact Information	Authorization to Proceed, Limitation of Liability & Terms of Engagement Form	Sally Brown c/o Rideau Non-Profit Housing Inc. 5581 Dr. Leach Drive Manotick, ON K4M 1J6
Site Area	Site Representative	1.62 hectares (4.0 acres)

3.0 SCOPE OF INVESTIGATION

Pinchin conducted this Phase One ESA in accordance with O. Reg. 153/04, in particular Part VII and Schedule D of O. Reg. 153/04. The Phase One ESA scope of work was comprised of the following:

- A Records Review: Reviewed available current and historical information sources pertaining to the Phase One Property and Phase One Study Area including the use of, but not limited to, aerial photographs, city directories and a regulatory data base search. Regulatory agencies were also contacted to identify if any records of environmental non-compliance or other information associated with the environmental condition of the Phase One Property exists, including searches of Ministry of the Environment, Conservation and Parks (MECP) and Technical Standards and Safety Authority (TSSA) records;



- Interviews: Conducted interviews with a Site Representative (see Section 5.0) to determine if any current or historical operations have caused a concern with respect to the environmental condition of the Phase One Property and the surrounding properties within the Phase One Study Area;
- Site Reconnaissance: Completed a visual assessment of the Phase One Property and the surrounding properties within the Phase One Study Area (from publicly-accessible areas) including any associated buildings and/or facilities for the purpose of identifying the presence of PCAs;
- Evaluation: Evaluated the information gathered from the records review, interviews and Site reconnaissance;
- Reporting: Prepared a Phase One ESA report; and
- Submission: Submitted the Phase One ESA report to the Client.

4.0 RECORDS REVIEW

4.1 General

Identified off-Site PCAs described in this and subsequent report Sections are depicted on Figure 3.

A Phase One ESA does not include sampling or testing of environmental media or building materials. The study period for this assessment was during August 2022, which included the records review, Site reconnaissance, interviews and reporting. A Site reconnaissance was completed on August 5, 2022, by a Pinchin representative under the direct supervision of a Qualified Person (QP). During the Site reconnaissance, Pinchin accessed the interior of the Site Building and all exterior areas of the Phase One Property. Pinchin did not access any areas within the surrounding Phase One Study Area with the exception of publicly-accessible roads and sidewalks. Select photographs taken during the Site reconnaissance of the Phase One Property and the surrounding properties within the Phase One Study Area are presented in Appendix B.

4.1.1 Phase One Study Area Determination

Based on a review of the available historical information and observations made during the Site reconnaissance for the properties greater than 250 m, but less than 1 kilometre (km), from the Phase One Property boundary, Pinchin did not note or observe any significant potentially contaminating properties that should be included as part of this assessment (e.g., landfills, large industrial manufacturers, etc.). As such, the Phase One Study Area consisted of the Phase One Property, as well as all properties situated wholly, or partly, within 250 m from the nearest point of a boundary of the Phase One Property, in order to meet the minimum requirements set forth in O. Reg. 153/04.



4.1.2 First Developed Use Determination

The first developed land use of the Phase One Property is defined by O. Reg. 153/04 to be the earlier of:

- The first use of a Phase One Property in or after 1875 that resulted in the development of a building or structure on the property; and
- The first potentially contaminating use or activity on the Phase One Property.

To the best of Pinchin's knowledge, no building or structure had been constructed on the Phase One Property prior to 1976, based on a review of a 1976 aerial photograph that showed the Phase One Property to be undeveloped, vacant land. The 1985 aerial photograph showed a multi-tenant residential building, similar in size and configuration to the present-day Site Building, located on-Site. Based on a comparison of the 1976 and 1985 aerial photographs, the first developed use of the Phase One Property occurred between 1976 and 1985.

The date of the first developed use of the Phase One Property was determined through a review of aerial photographs. No other information was reviewed by Pinchin during the records review or obtained during the Site reconnaissance or interviews, which would have resulted in a different interpretation of the date of first developed use of the Phase One Property.

4.1.3 Fire Insurance Plans

Pinchin contacted Opta Information Intelligence (Opta) to obtain FIPs related to the Phase One Property and the Phase One Study Area. A response was received from Opta dated August 8, 2022, which indicated that no FIPs for the Phase One Property and Phase One Study Area were available. The Opta response is provided in Appendix E.

4.1.4 Environmental Reports

The Client informed Pinchin that no previous environmental reports were available for the Phase One Property or for adjacent properties within the Phase One Study Area. None of the other information sources accessed by Pinchin had previous environmental reports for the Phase One Property or adjacent properties within the Phase One Study Area available for review.

4.2 Environmental Source Information

Pinchin reviewed the historical use of the Phase One Study Area through the use of publicly available archives and databases, as well as through requesting information from regulatory agencies. The following provides a summary of the information obtained from these sources.



4.2.1 Environmental Database Search – ERIS

Pinchin retained Environmental Risk Information Services (ERIS) to search all available federal, provincial and private source databases for information pertaining to the Phase One Study Area. Unless otherwise noted, information obtained from the ERIS database search was reviewed for the entire Phase One Study Area. A copy of the ERIS report is provided in Appendix D and the results of the database search are described in the following sections.

4.2.1.1 National Pollutant Release Inventory

ERIS completed a search of the federal databases for information regarding the National Pollutant Release Inventory (NPRI). This database contains comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances and identifies information such as the approximate location, type and quantity of contaminant, date of release, and media impacted.

Pinchin reviewed the ERIS report for NPRI information and found no records regarding the Phase One Property. One record was identified for another property located within the Phase One Study Area. The record did not pertain to releases to soil and water and, as such, it is Pinchin's opinion that the potential for the documented release to be an environmental concern for the Phase One Property is considered low and is not a PCA for the purpose of this Phase One ESA.

4.2.1.2 Ontario Inventory of PCB Storage Sites

The MECP's Waste Management Branch maintains an inventory of PCB storage sites within Ontario. Ontario Regulation 11/82 and Ontario Regulation 347 (O. Reg. 347), made under the EPA, require the registration of inactive PCB storage equipment and/or disposal sites of polychlorinated biphenyl (PCB) waste with the MECP. This database contains information on waste quantities, major and minor sites storing liquid or solid waste, and a waste storage inventory.

ERIS completed a search of the Ontario Inventory of PCB Storage Sites for information regarding PCB storage and found no information regarding the Phase One Study Area.

4.2.1.3 National PCB Inventory

Environment Canada maintains an inventory of in-use PCB-containing equipment at federal, provincial and private facilities in Canada, and of out-of-service PCB-containing equipment and PCB waste owned by the federal government or federally regulated industries.

ERIS completed a search of the National PCB Inventory and found no information regarding the Phase One Study Area.



4.2.1.4 Certificates of Approval

ERIS completed a search of the MECP database for information regarding Certificates of Approval (Cs-of-A). The MECP maintains a database of approved Cs-of-A for Air & Noise, Industrial Sewage, Municipal & Private Sewage, Waste Management Systems and Renewable Energy Approvals. Prior to November 1, 2011, the MECP mandated that any facility that released emissions to the atmosphere, discharged contaminants to ground or surface water, provided potable water supplies, or stored, transported or disposed of waste, must have a C-of-A before it could operate lawfully. The MECP no longer issues Cs-of-A, which were replaced by Environmental Compliance Approvals (ECAs) as of November 1, 2011. O. Reg. 153/04 indicates that information from the C-of-A database only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property.

The ERIS search of the C-of-A database identified no information regarding Cs-of-A for the Phase One Property or for properties adjacent to the Phase One Property.

4.2.1.5 Environmental Compliance Approvals, Permits To Take Water and Certificates of Property Use

ERIS completed a search of the MECP database for information regarding ECAs, permits including Permits To Take Water (PTTWs) and Certificates of Property Use (CPUs). O. Reg. 153/04 indicates that information from these databases only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property. Details regarding these databases are provided in the ERIS report in Appendix D.

The ERIS database search identified no information regarding ECAs, PTTWs or CPUs for the Phase One Property and properties adjacent to the Phase One Property.

4.2.1.6 Inventory of Coal Gasification Plants

ERIS searched the following publications prepared for the MECP by Intera Technologies Inc. for information on industrial sites that formerly operated as coal gasification plants, and industrial sites that produced or used coal tar and other related tars:

- “*Inventory of Coal Gasification Plant Waste Sites in Ontario*”, dated April 1987; and
- “*Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*”, dated November 1988.

The ERIS search yielded no records of former coal gasification plants or the production or use of coal tar and related tars within the Phase One Study Area.



4.2.1.7 Environmental Incidents, Orders, Offences and Spills

ERIS completed a search of the various provincial and federal databases for information regarding environmental incidents, orders, offences and spills. O. Reg. 153/04 indicates that information from these databases only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property. Details regarding the searched databases are provided in the ERIS report in Appendix D.

The ERIS database search revealed no records of environmental incidents, orders, offences or spills for the Phase One Property and properties adjacent to the Phase One Property.

4.2.1.8 Waste Management Records

Waste Generators

ERIS completed a search of the O. Reg. 347 Waste Generators database for information regarding waste generation. O. Reg. 347 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. The database search results provide a summary of available waste generation information for the registered sites for all years from 1986 to the present.

O. Reg. 153/04 indicates that information from the Waste Generator database only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property. However, in addition to the Phase One Property and adjacent off-Site properties, Pinchin reviewed the database for waste generators within 50 m transgradient and 100 m upgradient of the Phase One Property with respect to the inferred groundwater flow direction. The area reviewed will be referred to as the Waste Generator Database Review Area.

The ERIS search of the O. Reg. 347 Waste Generators database found no information regarding the Phase One Property.



The ERIS search of the O. Reg. 347 Waste Generators database found the following information within the Waste Generator Database Review Area:

- Various operations (i.e., Quality Cleaners, Caremedics Manotick Inc. and Rexall Pharmacy Group Ltd.), located at 1160 Beaverwood Road, had been registered with the MECP as generators (Generator #s ON1250600, ON3482997, ON2574199 and ON2849411) of various hazardous wastes from 1991 to 2021. Based on a review of Pinchin's in-house MECP Waste Generator database, approximately 5,450 kilograms (kg) of various hazardous wastes were generated on this property from 1991 to 2020. This property is located adjacent to the northwest elevation of the Phase One Property; however, these operations are inferred to have been located greater than 50 m from the Phase One Property. Based on the distance between these operations and the Phase One Property, it is Pinchin's opinion that this PCA does not represent an APEC at the Phase One Property; and
- City of Ottawa and Rideau Elevator Services Inc., located at 5572 Doctor Leach Drive, had been registered with the MECP as generators (Generator #s ON7586787 and ON7572788) of various hazardous wastes from 2014 to 2021. This property is located approximately 15 m northwest of the Phase One Property, while the building associated with this property is located approximately 45 m northwest of the Phase One Property. Based on a review of Pinchin's in-house MECP Waste Generator database, approximately 3,365 kg of various hazardous wastes were generated on this property from 2002 to 2020. Based on the distance between the building associated with this property and the Phase One Property, as well as the limited annual quantities of hazardous wastes generated at this property, it is Pinchin's opinion that this PCA does not represent an APEC at the Phase One Property.

Further details regarding the types of waste and timeframe when wastes were generated at this property is provided in the ERIS report in Appendix D.

Waste Receivers

ERIS completed a search of the O. Reg. 347 Waste Receivers database for information regarding waste receivers. O. Reg. 347 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 contains 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.



O. Reg. 153/04 indicates that information from the Waste Receivers database only needs to be obtained for the Phase One Property and properties adjacent to the Phase One Property. However, in addition to the Phase One Property and adjacent off-Site properties, Pinchin reviewed the database for waste receivers within 50 m transgradient and 100 m upgradient of the Phase One Property with respect to the inferred groundwater flow direction. The area reviewed will be referred to as the Waste Receivers Database Review Area.

The ERIS search of the O. Reg. 347 Waste Receivers database found no information regarding the Waste Receivers Database Review Area.

4.2.1.9 Fuel Storage Tanks

ERIS completed a search of various private, provincial and federal databases for information regarding chemical storage tanks, as well as private and retail fuel storage tanks. Details regarding the searched databases are provided in the ERIS report in Appendix D.

The ERIS search of the chemical and fuel storage tank databases found no information regarding the Phase One Property and Phase One Study Area.

4.2.1.10 Notices and Instruments

ERIS completed a search of the provincial Environmental Registry for records pertaining to proposals, decisions, and exceptions regarding policies, Acts, instruments, or regulations that could significantly affect the environment. ERIS also searched the Record of Site Condition (RSC) database for filed RSCs.

The ERIS database search of the Environmental Registry and Record of Site Condition database found no records for the Phase One Property and Phase One Study Area.

4.2.1.11 Areas of Natural Significance

ERIS reviewed available databases and records to assess whether any parks, wetlands, conservation areas, or other areas of natural significance, are located within the Phase One Study Area. The Area of Natural & Scientific Interest map is included in the ERIS report in Appendix D. In addition, Pinchin reviewed information provided on the Ministry of Natural Resources and Forestry's (MNRF) Natural Heritage Information Centre (NHIC) website. No areas of natural significance were identified within the Phase One Study Area from these information sources.

4.2.1.12 Landfill Information

ERIS reviewed available private and provincial databases for records of any current or inactive landfills and waste disposal sites within the Phase One Study Area. Details regarding the searched databases are provided in the ERIS report in Appendix D.



The ERIS search of the landfill and waste disposal sites databases found no information regarding the Phase One Study Area.

4.2.2 Ministry of the Environment, Conservation and Parks Freedom of Information Search

The MECP Freedom of Information and Protection of Privacy Office in Toronto, Ontario was contacted to determine if records exist for environmental matters such as orders, spills, previous investigations, prosecutions, registered PCB waste storage sites, waste generators, waste receivers, Cs-of-A and ECAs associated with the Phase One Property.

At the time of writing this report, no response had been received from the MECP. When a formal response is received, it will be reviewed by Pinchin. If there is any information that represents a potential issue of environmental concern, a copy of the response will be forwarded to the Client under separate cover. Our conclusions and recommendations may be amended based on this information. A copy of Pinchin's request submitted to the MECP is provided in Appendix E.

4.2.3 Technical Standards and Safety Authority Search

The TSSA is the regulatory body that governs the safe handling and storage of fuel in Ontario. All storage of gasoline, diesel and fuel oil is subject to the Technical Standards and Safety Act. The Technical Standards and Safety Act and its relevant documents and regulations (e.g., *Liquid Fuels Handling Code*, *Ontario Regulation 213/01 – Fuel Oil*, *Ontario Regulation 217/01 – Liquid Fuels*) require that all fuel storage devices such as aboveground storage tanks (ASTs) and underground storage tanks (USTs) be registered with the TSSA.

Pinchin contacted the TSSA to determine whether any ASTs or USTs are, or were, registered for the Phase One Property. A letter response was issued by the TSSA on August 11, 2022, indicating that following a search of the TSSA files, no outstanding instructions, incident reports, fuel oil spills or contamination records, or records of registered ASTs or USTs were found for the Phase One Property or the off-Site properties listed above. A copy of the TSSA request is provided in Appendix F.

4.2.4 Property Underwriters' Reports and Plans

Property Underwriters' Reports (PURs) provide detailed information on a site-specific basis, including descriptions of building construction, heating sources, production processes, and the presence of any hazardous chemicals or materials which may have been historically stored on the Phase One Property. They also indicate the presence of environmental hazards such as electrical rooms, transformers, boilers and storage tanks. Information provided on Property Underwriters' Plans (PUPs) includes the location, capacity, and contents of ASTs, USTs, chemical storage and other forms of environmental hazards.



Pinchin contacted Opta to obtain copies of PURs and PUPs related to the Phase One Property. A response was received from Opta dated August 8, 2022, which indicated that no PURs or PUPs for the Phase One Property were available. The Opta response is provided in Appendix E.

4.2.5 City Directories

City directories for the years 1990 to 2011 were reviewed by Pinchin at the Library and Archives of Canada in Ottawa, Ontario. It should be noted that no city directories were available for the Site and surrounding area prior to 1990 and subsequent to 20011. A summary of information obtained with respect to the Site is provided in the following table:

Year(s)	Occupant Listings for Site Address
1990.	Site not listed.
1995-1996.	Township of Rideau Non-Profit Housing Foundation.
1999-2000.	Davis Home Management.
2004-2011.	Rideau Non-Profit Housing Inc.

In general, the city directories indicated that the surrounding area has historically consisted of residential, vacant, community, parkland and commercial land uses since at least 1981. No historical dry cleaning operations, retail fuel outlets (RFOs) or other operations of potential environmental concern were identified; however, Pinchin notes the following:

- Historical and/or current automotive repair/servicing facilities were listed within the city directories reviewed for the Site area. However, based on the distance of these facilities from the Site and the inferred groundwater flow direction, it is Pinchin's opinion that these facilities are unlikely to result in potential subsurface impacts at the Site.

4.3 Physical Setting Sources

4.3.1 Aerial Photographs

Copies of aerial photographs dated 1946, 1956, 1965 and 1986 were obtained from the National Air Photo Library in Ottawa, Ontario and reviewed by Pinchin. In addition, digital aerial photographs dated 1976, 1991, 2002, 2011 and 2021 were reviewed on the City of Ottawa e-map website (<http://maps.ottawa.ca/geoOttawa/>) by Pinchin. It should be noted that accurate details could not be determined from the 1946, 1956 and 1986 aerial photographs due to the large reference scale and the low resolution of the photographs.



Efforts were made by Pinchin to obtain aerial photographs that:

- Illustrated the period between initial development of the Phase One Property to the present;
- Identified buildings and structures present on the Phase One Property since initial development;
- Identified PCAs within the Phase One Study Area; and
- Identified APECs on the Phase One Property.

It should be noted that accurate details could not be determined from some of the aerial photographs due to the large reference scale and the low resolution of the photographs.

A summary of information obtained with respect to the Phase One Property from a review of the available aerial photography is provided in the following table:

Year of Photograph	Phase One Property
1946-1976.	The Site appeared to consist of vacant undeveloped land.
1986-2021.	A multi-tenant residential building, similar in size and configuration to the present-day Site Building, was evident on-Site.

Based on the aerial photographs reviewed for the Phase One Property and the surrounding area, it appears that the Phase One Property was developed between 1976 and 1986.

4.3.2 Topography, Hydrology and Geology

The elevation of the Phase One Property, based on information obtained from the Ontario Base Map series, is approximately 90 m above mean sea level (mamsl). The general topography in the local and surrounding area is generally flat and the Phase One Property is at a similar elevation to the adjacent/surrounding properties. No bedrock outcrops were observed on-Site or in the surrounding area.

A review of the available physiographical data indicates that the Phase One Property and the surrounding properties located within the Phase One Study Area are located within alluvial deposits consisting of stratified gravel, sand, silt and clay. Bedrock is expected to consist of sedimentary rocks consisting of limestone, dolomite, shale, argillite, sandstone, quartzite, and/or grit. The topography is considered to be mainly flat to rolling low local relief with dry surface water drainage conditions.

Based on general hydrogeological principles and Pinchin's familiarity with subsurface conditions at and near the Phase One Property and the surrounding properties within the Phase One Study Area, the unconfined groundwater beneath the Phase One Property is expected to flow in an east direction. The



nearest surface water body is the Rideau River, located approximately 305 m east of the Phase One Property at an elevation of approximately 87 mamsl.

Copies of pertinent maps, illustrating local topographical, hydrogeological and drainage features are provided in Appendix G.

4.3.3 Fill Materials

The historical records review provided no information regarding the presence of fill material at the Phase One Property.

Although the Phase One ESA did not identify any historical or current fill material at the Phase One Property, potential future development plans should incorporate the appropriate procedures for the characterization of soils that may require off-Site disposal. Further assessment and/or costs may be incurred through re-development of the Phase One Property and/or change in land use scenarios.

4.3.4 Water Bodies, Areas of Natural Significance and Groundwater Information

The nearest surface water body is the Rideau River, located approximately 305 m east of the Phase One Property at an elevation of approximately 87 mamsl.

A review of the Area of Natural & Scientific Interest map prepared by ERIS (see Appendix D) and information provided on the MNRF's NHIC website did not identify any provincial parks, wetlands, conservation areas, or other areas of natural significance, within the Phase One Study Area.

A review of the City of Ottawa's GeoOttawa website indicated that the Phase One Study Area is not located within a well head protection area for the protection of groundwater.

The records review did not identify the presence of wells within the Phase One Study Area that supply water for human consumption or for agricultural purposes. Details regarding these wells are provided in the ERIS report in Appendix D.

4.3.5 Well Records

The Water Well Information System database search did not identify any water well records for the Phase One Property but did identify 22 water well records within the Phase One Study Area outside of the Phase One Property. Details regarding these off-Site wells, including stratigraphic information, depth to bedrock and/or depth to the water table, are provided in the ERIS report included in Appendix G.

4.4 Site Operating Records

The Phase One Property is not an Enhanced Investigation Property (see Section 6.3). As such, Site operating records were not reviewed as part of the Phase One ESA.



5.0 INTERVIEWS

Pinchin interviewed individuals knowledgeable of the Phase One Property and its history to obtain or confirm information regarding the environmental condition of the Phase One Property. The following individual provided information regarding the history of the Phase One Property and the surrounding properties within the Phase One Study Area to the best of their knowledge:

Person Interviewed	Relationship to Phase One Property	Date and Place of Interview	Interview Method
Steve Osmond	Manager	August 5, 2022 (Phase One Property)	In-person interview during Site reconnaissance.

Steve Osmond was chosen to be interviewed given that they are most familiar with the recent operational history of the Phase One Property. This individual is hereafter referred to as the “Site Representative”, and accompanied the Pinchin representative (Mr. Alex Kelly) during the Site reconnaissance.

Pinchin compared the information obtained from the interviews with information obtained from the historical records. The information provided by the interviewee was corroborated by the available historical records. As such, Pinchin has no concerns regarding the validity of the information provided by the individual interviewed for the Phase One ESA.

With respect to PCAs and APECs, no additional information was obtained from the interviews other than that documented elsewhere in this report.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

A visual assessment of the Phase One Property and the surrounding properties within the Phase One Study Area was conducted for the purpose of identifying the presence of possible PCAs and associated APECs.

The Site reconnaissance was completed on August 5, 2022, by a Pinchin representative (Mr. Alex Kelly), under the direct supervision of Pinchin’s QP overseeing this project. Mr. Kelly is an Environmental Project Technologist with more than three years of environmental consulting experience. Pinchin visited the Phase One Property and surrounding properties within the Phase One Study Area to document environmental conditions. During the Site reconnaissance, Pinchin viewed all accessible areas within the Phase One Property, and viewed publicly-accessible portions of the adjacent lands for the presence of actual or potential issues of environmental concern.



The Site reconnaissance was conducted between the hours of 9:30 AM to 10:30 AM. During the Site reconnaissance, the ground surface was dry and the weather was sunny, and the ambient temperature was approximately 25° Celsius. The Phase One Property reconnaissance was conducted on foot. During the Site reconnaissance, Pinchin accessed the interior of the Site Building and all exterior areas of the Phase One Property. At the time of the Site reconnaissance, the Site Building on the Phase One Property were operating as a multi-tenant residential building. Further details regarding on-Site operations are provided throughout Section 6.2 of this report.

Photographs taken during the Site reconnaissance that illustrate the Phase One Property and Phase One Study Area are provided in Appendix B.

6.2 Specific Observations at Phase One Property

6.2.1 Description of Buildings and Structures

During the Site reconnaissance, Pinchin observed one building/structure on the Phase One Property (i.e., Site Building; a two-storey multi-tenant residential building).

The portion of the Phase One Property outside of the Site Building was comprised primarily of grassed and asphalt-paved areas.

6.2.2 Description of Below-Ground Structures

There were no below-ground structures present on the Phase One Property at the time of the Site reconnaissance.

6.2.3 Description of Tanks

During the Site reconnaissance, Pinchin did not observe any tanks on the Phase One Property for the purpose of either fuel dispensing or storage, or other unidentified substance storage.

6.2.4 Potable and Non-Potable Water Sources

During the Site reconnaissance, Pinchin did not observe potable or non-potable water sources at the Phase One Property. The Phase One Property is serviced by a municipal water supply via underground piping running into the Site Building from Doctor Leach Drive.

6.2.5 Description and Location of Underground Utilities

A number of underground utilities were observed at the Phase One Property, including natural gas, telephone and electrical lines, and municipal water, storm and sanitary sewer lines.



The natural gas, telephone, electrical, water and sanitary sewer services enter the Site Building via underground lines. Stormwater is captured via catch basins and interior roof drains that are connected to the municipal storm sewer systems along Doctor Leach Drive.

6.2.6 Details of Heating System

During the Site reconnaissance, Pinchin observed natural gas-fired heating/ventilation/air-conditioning (HVAC) units electrically powered baseboard heaters in the Site Building. No evidence of former oil-fired heating systems (i.e., vent/fill pipes, copper feed lines, etc.) were observed during Pinchin's Site reconnaissance.

6.2.7 Details of Cooling System

Cooling for the Site Building is provided by roof-mounted natural gas-fired HVAC units and electrically powered window-mounted air conditioning units.

6.2.8 Details of Drains, Pits and Sumps

No pits or sumps were observed at the Phase One Property.

6.2.9 Unidentified Substances within Buildings and Structures

During the Site reconnaissance, Pinchin did not observe any unidentified substances or storage containers holding unidentified substances at the Phase One Property. Small volumes of various cleaning solutions were stored in their original containers throughout the Site Building. No bulk liquid storage was observed on-Site.

6.2.10 Details of Staining and Corrosion

During the Site reconnaissance, Pinchin did not observe any areas of staining or corrosion inside the Site Building.

6.2.11 Details of On-Site Wells

No water supply or groundwater monitoring wells were observed to be on or within the Phase One Property.

6.2.12 Details of Sewage Works

During the Site reconnaissance, Pinchin did not observe any sewage works or evidence of sewage disposal on the Phase One Property, with the exception of main sanitary sewer pipes that exit the Site Building and connect to the municipal sewer system.



6.2.13 Details of Ground Cover

During the Site reconnaissance, Pinchin visually inspected the Phase One Property ground cover. Any areas of the Phase One Property not covered by a structure are covered by asphalt-pavement and grassed/landscaped areas.

6.2.14 Details of Current or Former Railways

No current or former railway infrastructure was observed on the Phase One Property.

6.2.15 Areas of Stained Soil, Vegetation and Pavement

During the Site reconnaissance, Pinchin did not observe any areas of stained soil, vegetation or pavement on the Phase One Property.

6.2.16 Areas of Stressed Vegetation

During the Site reconnaissance, Pinchin did not observe any areas of stressed vegetation on the Phase One Property.

6.2.17 Areas of Fill and Debris Materials

No obvious areas where fill material or debris have been placed or graded were observed by Pinchin at the Phase One Property.

Regrading and fill placement at the Phase One Property is inferred to have previously occurred during initial development activities to prepare the Site Building location, parking areas and access to the Phase One Property, and to establish drainage patterns. The quality of the fill material used on-Site is unknown.

6.2.18 Potentially Contaminating Activities

A PCA is defined by O. Reg. 153/04 as a “use or activity set out in Column A of Table 2 of Schedule D that is occurring or has occurred in a Phase One Study Area” including the Phase One Property.

Pinchin identified the following PCA at the Phase One Property during the Site reconnaissance:

- A pad-mounted oil-cooled transformer is located adjacent to the north elevation of the Site Building. The transformer is owned and maintained by Hydro One. No staining or leakage was noted in the vicinity of the transformer. Based on the fact that no staining was observed in the vicinity of the transformer, it is Pinchin’s opinion that this PCA does not result in an APEC at the Phase One Property.

6.2.19 Unidentified Substances Outside Buildings and Structures

During the Site reconnaissance, Pinchin did not observe any unidentified substances or storage containers holding unidentified substances on the exterior of the Phase One Property.

6.2.20 Surrounding Land Uses

During the Site reconnaissance, Pinchin conducted a visual assessment of publicly-accessible portions of the Phase One Study Area for the presence of PCAs. The properties in the Phase One Study Area have various land uses, including commercial, residential, vacant, community and parkland. Land use types within the Phase One Study Area are presented on Figure 2.

The following table summarizes the land use on adjacent properties at the time of the Site reconnaissance:

Direction Relative to Phase One Property	Location Relative to Inferred Groundwater Flow Direction	Description of Property Use	Property Use	Potential Contribution to PCA and/or APEC
Northeast	Down/transgradient	Commercial buildings, residential dwellings and associated roadways, to beyond 200 m from the Phase One Property.	Commercial/ Residential	Land uses are not considered to represent PCAs.
Northwest	Up/transgradient	Commercial buildings, residential dwellings and associated roadways, to beyond 200 m from the Phase One Property.	Commercial/ Residential	Land uses are not considered to represent PCAs.
Southwest	Up/transgradient	A community building, parkland, vacant undeveloped land, residential dwellings and associated roadways, to beyond 200 m from the Phase One Property.	Community/ Parkland/ Vacant/ Residential	Land uses are not considered to represent PCAs.
Southeast	Down/transgradient	Residential dwellings and associated roadways to beyond 200 m from the Phase One Property.	Residential	Land uses are not considered to represent PCAs.

No PCAs were observed at the time of the Site reconnaissance within the rest of the Phase One Study area.

6.3 Enhanced Investigation Property

O. Reg. 153/04 defines an “Enhanced Investigation Property” as a property that is being used or has been used, in whole or in part, in the following manner:

- For an industrial use or;



- For any of the following commercial uses:
 - As a garage;
 - As a bulk liquid dispensing facility, including a gasoline outlet; or
 - For the operation of dry cleaning equipment.

During this Phase One ESA, Pinchin identified that the Phase One Property was formerly used as a private fuel outlet associated with a former on-Site hardware retail building and, despite this former operation, it is not considered an Enhanced Investigation Property as per O. Reg. 153/04.

6.4 Written Description of Investigation

The Phase One ESA completed by Pinchin included investigations of the Phase One Property and the Phase One Study Area outside of the Phase One Property pursuant to Sections 13 and 14 of Schedule D of O. Reg.153/04. The main objective of these investigations was to identify PCAs at the Phase One Property or within the Phase One Study Area outside of the Phase One Property that could have resulted in APECs at the Phase One Property.

6.4.1 Phase One Property

The investigation of the Phase One Property consisted of the following components:

- Review of available historical records, including ERIS regulatory search, city directories, aerial photographs and well records;
- A Site reconnaissance completed on August 5, 2022, by Mr. Alex Kelly of Pinchin that included an assessment of the structure at the Phase One Property and the exterior of the Phase One Property;
- Interviews with an individual knowledgeable of the history and operations at the Phase One Property; and
- Review of mapping provided by ERIS and information provided on-line by the MNR for the presence of areas of natural significance.

Pinchin's investigation of the Phase One Property identified the following PCA:

- PCA #1 (Item 55: Transformer Manufacturing, Processing and Use – A pad-mounted oil-cooled transformer is located adjacent to the north elevation of the Site Building). The transformer is owned and maintained by Hydro One. No staining or leakage was noted in the vicinity of the transformer. Based on the fact that no staining was observed in the vicinity of the transformer, it is Pinchin's opinion that this PCA does not result in an APEC at the Phase One Property.



Pinchin's investigation of the Phase One Property identified one PCA. The description and location of this PCA is summarized in Section 7.2. As per O. Reg. 153/04, The one PCA at the Phase One Property is not considered an APEC that will require investigation through the completion of a Phase Two ESA.

No areas of natural significance were identified at the Phase One Property.

Pinchin's investigation did not identify the presence of wells at the Phase One Property that currently supply water for human consumption or for agricultural purposes.

6.4.2 Phase One Study Area Outside of Phase One Property

The investigation of the Phase One Study Area outside of the Phase One Property consisted of the following components:

- Review of available historical records, including one PUR, one PUP, ERIS regulatory search, city directories, aerial photographs and well records;
- Visual inspection of properties from publicly-accessible areas for evidence of PCAs and water bodies; and
- Review of mapping provided by ERIS and information provided on-line by the MNR for the presence of areas of natural significance.

Pinchin's investigation of the Phase One Study Area outside of the Phase One Property identified the following PCAs:

- PCA #2 (Item 8 Chemical Manufacturing, Processing and Bulk Storage – The property located adjacent to the northwest elevation of the Phase One Property is located within the Waste Generator Database Review Area and was listed within the O. Reg. 347 Waste Generators database search results as a waste generator). (Item 37 Operation of Dry Cleaning Equipment (where chemicals are used) – The property located adjacent to the northwest elevation of the Phase One Property had a former dry cleaning operation from approximately 1991 to 2017; however, these operations are inferred to have been located greater than 50 m from the Phase One Property. Based on the distance between these operations and the Phase One Property, it is Pinchin's opinion that this PCA does not represent an APEC at the Phase One Property;



- PCA #3 (Item 8 Chemical Manufacturing, Processing and Bulk Storage – The property located approximately 15 m southwest of the Phase One Property is located within the Waste Generator Database Review Area and was listed within the O. Reg. 347 Waste Generators database search results as a waste generator). The building associated with this property is located approximately 45 m southwest of the Phase One Property. Based on the distance between the building associated with this property and the Phase One Property, as well as the limited annual quantities of hazardous wastes generated at this property, it is Pinchin’s opinion that this PCA does not represent an APEC at the Phase One Property; and
- PCAs #4-14 (Item 55: Transformer Manufacturing, Processing and Use – a total of 21 pole-mounted oil-cooled transformers are located within 250 m of the Phase One Property). However, no evidence of spills or historical spills (i.e., staining) was observed in the vicinity of these transformers and no issues of potential environmental concern (i.e., spills) were noted for these transformers within the ERIS report. In addition, any maintenance/environmental issues associated with these transformers would be the responsibility of Hydro One. Based on the above-noted information, as well as the distance between these transformers and the Phase One property, it is Pinchin’s opinion that these PCAs do not represent APECs at the Phase One Property.

No areas of natural significance were identified within the Phase One Study Area outside of the Phase One Property.

The records review did not identify the presence of wells within the Phase One Study Area that supply water for human consumption or for agricultural purposes.

Based on a cursory review of the properties greater than 250 m (i.e., outside of the Phase One Study Area), but less than 1 km, from the Phase One Study Area, Pinchin did not note or observe any significant contaminating properties that should be included as part of this assessment (i.e., landfills, large industrial manufacturers, etc.).

Plans identifying the locations of the on and off-Site PCAs for this Phase One ESA are provided on Figure 3.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Current and Past Uses

To the best of Pinchin’s knowledge, no building or structure had been constructed on the Phase One Property prior to 1976, based on a review of a 1976 aerial photograph that showed the Phase One



Property to be undeveloped, vacant land. The 1985 aerial photograph showed a multi-tenant residential building, similar in size and configuration to the present-day Site Building, located on-Site. Based on a comparison of the 1976 and 1985 aerial photographs, the first developed use of the Phase One Property occurred between 1976 and 1985.

It is Pinchin's opinion that the date of the first developed use of the Phase One Property is between 1976 and 1985, with the construction of multi-tenant residential building, similar in size and configuration to the present-day Site Building, on the Phase One Property. The date of the first developed use of the Phase One Property was determined through a review of aerial photographs. No other information was reviewed by Pinchin during the records review or obtained during the Site reconnaissance or interviews, which would have resulted in a different interpretation of the date of first developed use of the Phase One Property.

7.2 Potentially Contaminating Activities

The following PCA as defined by O. Reg. 153/04 were documented by Pinchin to have occurred on the Phase One Property:

- PCA #1 (Item 55: Transformer Manufacturing, Processing and Use – A pad-mounted oil-cooled transformer is located adjacent to the north elevation of the Site Building.). The transformer is owned and maintained by Hydro One. No staining or leakage was noted in the vicinity of the transformer. Based on the fact that no staining was observed in the vicinity of the transformer, it is Pinchin's opinion that this PCA does not result in an APEC at the Phase One Property.

The following PCAs as defined by O. Reg. 153/04 were documents by Pinchin to have occurred within the Phase One Study Area, outside of the Phase One Property:

- PCA #2 (Item 8: Chemical Manufacturing, Processing and Bulk Storage – The property located adjacent to the northwest elevation of the Phase One Property is located within the Waste Generator Database Review Area and was listed within the O. Reg. 347 Waste Generators database search results as a waste generator). (Item 37 Operation of Dry Cleaning Equipment (where chemicals are used) – The property located adjacent to the northwest elevation of the Phase One Property had a former dry cleaning operation from approximately 1991 to 2017; however, these operations are inferred to have been located greater than 50 m from the Phase One Property. Based on the distance between these operations and the Phase One Property, it is Pinchin's opinion that this PCA does not represent an APEC at the Phase One Property;



- PCA #3 (Item 8: Chemical Manufacturing, Processing and Bulk Storage – The property located approximately 15 m southwest of the Phase One Property is located within the Waste Generator Database Review Area and was listed within the O. Reg. 347 Waste Generators database search results as a waste generator). The building associated with this property is located approximately 45 m southwest of the Phase One Property. Based on the distance between the building associated with this property and the Phase One Property, as well as the limited annual quantities of hazardous wastes generated at this property, it is Pinchin’s opinion that this PCA does not represent an APEC at the Phase One Property; and
- PCAs #4-14 (Item 55: Transformer Manufacturing, Processing and Use – a total of 21 pole-mounted oil-cooled transformers are located within 250 m of the Phase One Property). However, no evidence of spills or historical spills (i.e., staining) was observed in the vicinity of these transformers and no issues of potential environmental concern (i.e., spills) were noted for these transformers within the ERIS report. In addition, any maintenance/environmental issues associated with these transformers would be the responsibility of Hydro One. Based on the above-noted information, as well as the distance between these transformers and the Phase One property, it is Pinchin’s opinion that these PCAs do not represent APECs at the Phase One Property.

7.3 Areas of Potential Environmental Concern

No APECs as defined by O. Reg. 153/04 were identified by Pinchin at the Phase One Property.

7.4 Phase One Conceptual Site Model

A conceptual site model (CSM) has been created to provide a summary of the findings of the Phase One ESA. The Phase One CSM is summarized in Figures 1 through Figure 3, which illustrate the following features within the Phase One Study Area, where present:

- Existing buildings and structures;
- Water bodies located in whole or in part within the Phase One Study Area.;
- Areas of natural significance located in whole or in part within the Phase One Study Area;
- Drinking water wells located at the Phase One Property;
- Land use of adjacent properties;



- Roads within the Phase One Study Area;
- PCAs within the Phase One Study Area, including the locations of tanks; and
- APECs at the Phase One Property.

The following provides a narrative summary of the Phase One CSM:

- The Phase One Property is located immediately northeast of Doctor Leach Drive, approximately 35 m southeast of the intersection of Doctor Leach Drive and Village Walk Private, in Manotick, Ontario. The Phase One Property is presently developed with a two-storey multi-tenant commercial building (Site Building). The Phase One Property has been used for residential purposes since the initial development of the Site Building in approximately 1982. There is no record of industrial use or of a commercial use (e.g., garage, bulk liquid dispensing facility or dry cleaner) that would require classifying the Phase One Property as an enhanced investigation property;
- The nearest surface water body is the Rideau River, located approximately 305 m east of the Phase One Property at an elevation of approximately 87 mamsl;
- No areas of natural significance were identified within the Phase One Study Area;
- No drinking water wells were located on the Phase One Property;
- The adjacent and surrounding properties in the vicinity of the Site consist of commercial, residential, community, vacant and parkland land uses. The properties located northeast of the Phase One Property consist of a commercial developments, residential dwellings and associated roadways, to beyond 200 m from the Phase One Property; the properties located northwest of the Phase One Property consist of commercial developments, residential dwelling and associated roadways to beyond 200 m from the Phase One Property; the properties located southwest of the Phase One Property consist of a community building, parkland, vacant undeveloped land, residential dwellings and associated roadways to beyond 200 m from the Phase One Property; and the properties located southeast of the Phase One Property consist of residential dwellings and associated roadways, to beyond 200 m from the Phase One Property;



- One PCA was identified at the Phase One Property (i.e., a pad-mounted oil-cooled transformer located adjacent to the north elevation of the Site Building). 13 PCAs were identified within the Phase One Study Area (i.e., the properties located adjacent to the northwest elevation of the Phase One Property and approximately 15 m southwest of the Phase One Property located within the Waste Generator Database Review Area and listed within the O. Reg. 347 Waste Generators database search results as waste generators; and a total of 21 pole-mounted oil-cooled transformers located within 250 m of the Phase One Property); however, based on the fact that no evidence of spills or historical spills (i.e., staining) observed in the vicinity of the transformers, no issues of potential environmental concern (i.e., spills) noted for the transformers within the ERIS report, any maintenance/environmental issues associated with the transformers being the responsibility of Hydro One and the distance between these properties/operations and the Phase One Property, it is Pinchin's opinion that these PCAs do not represent APECs for the Phase One Property;
- Underground utilities at the Phase One Property provide potable water, natural gas, electrical, telephone, cable and sewer services to the Site Building. These services enter the Site Building through subsurface conduits, with the exception of a pressurized natural gas line, which connects to meters located along the exterior of the Site Building;
- The Phase One Property and the surrounding properties located within the Phase One Study Area are located within alluvial deposits consisting of stratified gravel, sand, silt and clay. Bedrock is expected to consist of sedimentary rocks consisting of limestone, dolomite, shale, argillite, sandstone, quartzite, and/or grit; and
- The Phase One Property is relatively flat. Local groundwater flow is inferred to be to the east, based on the nearest surface water body.

There were no deviations from the Phase One ESA requirements specified in O. Reg. 153/04 or absence of information that have resulted in uncertainty that would affect the validity of the Phase One CSM.

8.0 CONCLUSIONS

Pinchin conducted this Phase One ESA in accordance with Part VII and Schedule D of O. Reg. 153/04. The purpose of the Phase One ESA was to assess the potential presence of environmental impacts at the Phase One Property due to activities at and near the Phase One Property in support of filing the potential Site Plan Approval application at the Phase One Property.



One PCA was identified at the Phase One Property (i.e., a pad-mounted oil-cooled transformer located adjacent to the north elevation of the Site Building). 13 PCAs were identified within the Phase One Study Area (i.e., the properties located adjacent to the northwest elevation of the Phase One Property and approximately 15 m southwest of the Phase One Property located within the Waste Generator Database Review Area and listed within the O. Reg. 347 Waste Generators database search results as waste generators; and a total of 21 pole-mounted oil-cooled transformers located within 250 m of the Phase One Property); however, based on the fact that no evidence of spills or historical spills (i.e., staining) observed in the vicinity of the transformers, no issues of potential environmental concern (i.e., spills) noted for the transformers within the ERIS report, any maintenance/environmental issues associated with the transformers being the responsibility of Hydro One and the distance between these properties/operations and the Phase One Property, it is Pinchin's opinion that these PCAs do not represent APECs for the Phase One Property. Based on these findings, nothing was identified that is likely to have resulted in impacts to the soil and/or groundwater at the Phase One Property and would require the completion of a Phase Two ESA. As such, it is Pinchin's opinion that the Phase One Property is suitable for the purpose of filing a Site Plan Approval with the City of Ottawa based only on the completion of this Phase One ESA report.

It should be noted that the references and sources for the information used in evaluating the Phase One Property are provided in the relevant sections of this report. Specific references are also summarized in Section 9.0.

8.1 Signatures

This Phase One ESA was undertaken under the supervision of Scott Mather, P.Eng, QP_{ESA} in accordance with the requirements of O. Reg. 153/04 to support the future Site Plan Approval application at the Phase One Property. The conclusions and recommendations provided in this report represent the best judgement of the assessor based on the Site conditions observed on August 5, 2022, and a review of available historical information and information obtained from interviews.

We trust that the information provided in this report meets your current requirements.

8.2 Terms and Limitations

This Phase One ESA was performed in order to identify potential issues of environmental concern associated with the property located at 5581 Doctor Leach Drive, Ottawa, Ontario (Site), at the time of the Site reconnaissance. This Phase One ESA was performed in general compliance with currently acceptable practices for environmental site investigations, and specific Client requests, as applicable to this Site. This report was prepared for the exclusive use of Rideau Non-Profit Housing Inc. (Client), subject to the terms, conditions and limitations contained within the duly authorized proposal for this



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

If additional parties require reliance on this report, written authorization from Pinchin will be required. Such reliance will only be provided by Pinchin following written authorization from the Client. Pinchin disclaims responsibility of consequential financial effects on transactions or property values, or requirements for follow-up actions and costs. No other warranties are implied or expressed. Pinchin will not provide results or information to any party unless disclosure by Pinchin is required by law.

The information provided in this report is based upon analysis of available documents, records and drawings, and personal interviews. In evaluating the Site, Pinchin has relied in good faith on information provided by other individuals noted in this report. Pinchin has assumed that the information provided is factual and accurate. In addition, the findings in this report are based, to a large degree, upon information provided by the current owner/occupant. Pinchin accepts no responsibility for any deficiency, misstatement or inaccuracy contained in this report as a result of omissions, misinterpretations or fraudulent acts of persons interviewed or contacted, or contained in reports that were reviewed. The scope of work for this Phase One ESA did not include a visual or intrusive investigation for designated substances (e.g., asbestos, mould, PCB-containing electrical equipment, etc.) and, therefore, these materials may be present at the Site.

Pinchin makes no other representations whatsoever, including those concerning the legal significance of its findings, or as to other legal matters touched on in this report, including, but not limited to, ownership of any property, or the application of any law to the facts set forth herein. With respect to regulatory compliance issues, regulatory statutes are subject to interpretation and these interpretations may change over time.

Ontario Regulation 153/04 does not apply to environmental auditing or environmental management systems. Therefore, with respect to Site operations and conditions, compliance with applicable federal, provincial or municipal acts, regulations, laws and/or statutes was not evaluated as part of the Phase One ESA.



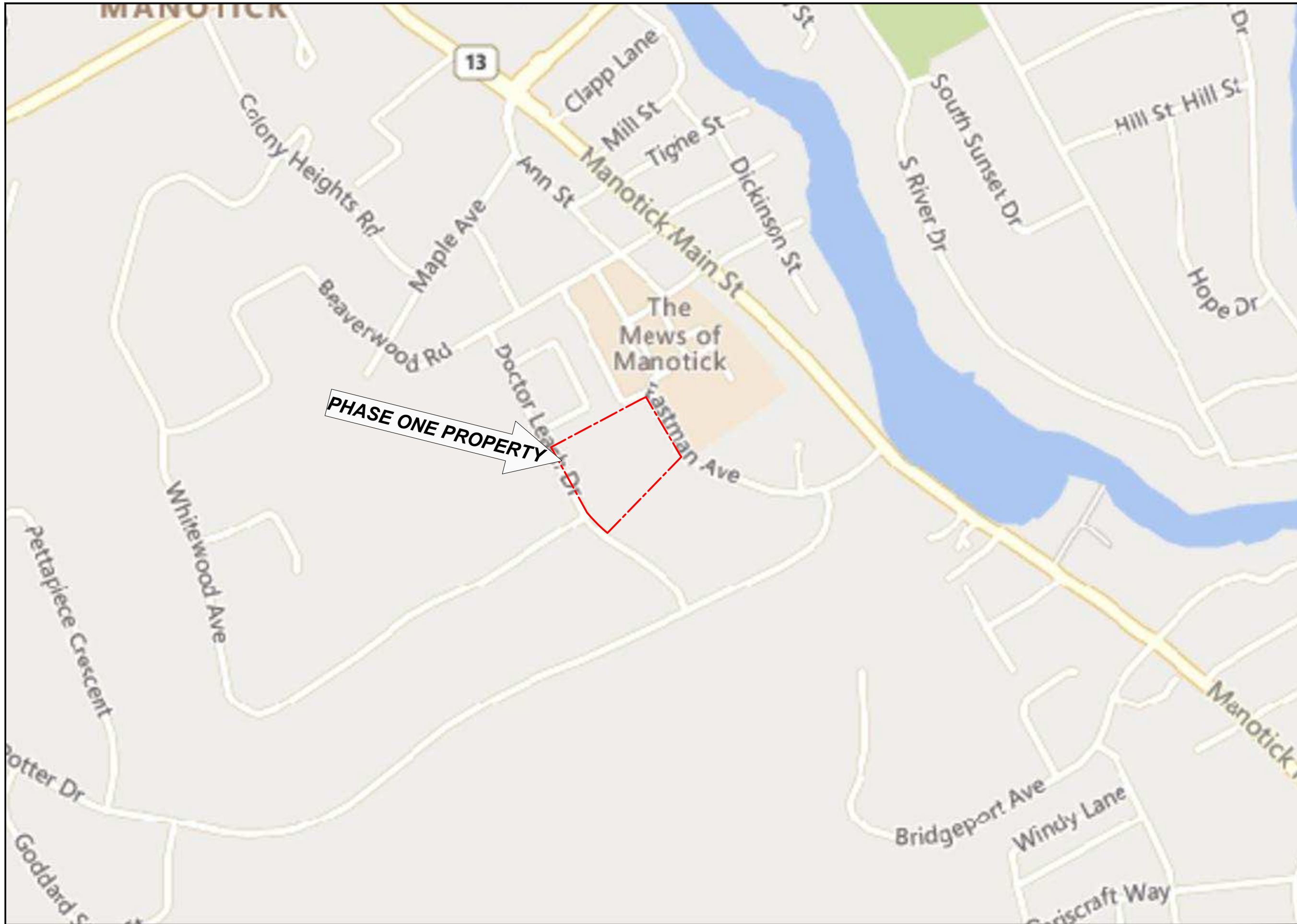
9.0 REFERENCES

The following documents, persons or organizations provided information used in this report:

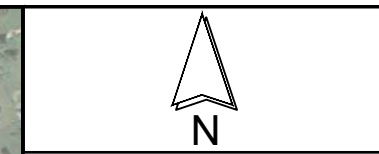
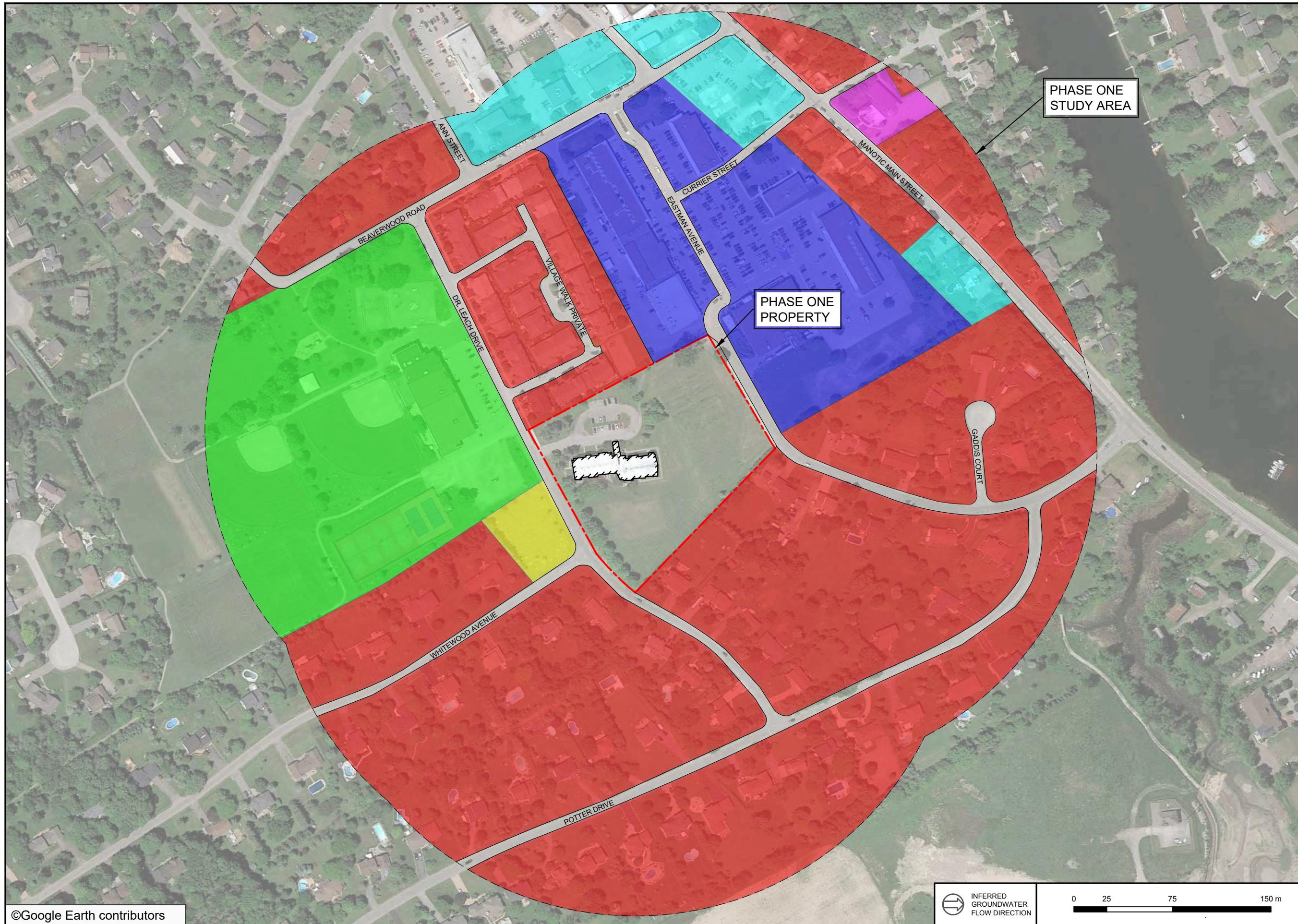
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3. Opta Information Intelligence.
4. The Atlas of Canada – Surficial Materials:
<http://atlas.nrcan.gc.ca/site/english/maps/environment/land/surficialmaterials/1>
5. The Atlas of Canada – Bedrock Geology:
<http://atlas.gc.ca/site/english/maps/archives/3rdedition/environment/land/016?w=4&h=4&l=6&r=4&c=12>.
6. Toporama – Topographic Maps:
i. <http://atlas.gc.ca/site/english/maps/topo/map>.
7. Province of Ontario. Environmental Protection Act R.S.O. 1990, c. E.19 and Ontario Regulation 153/04: Records of Site Condition – Part XV.1 of the Act. Last amended by Ontario Regulation 333/13 on December 13, 2013.
8. Canadian Standards Association (CSA) Standard. CSA Z768-01, Phase I Environmental Site Assessment, Canadian Standards Association International, November 2001, reaffirmed in 2012.
9. Ministry of the Environment, Conservation and Parks.
10. MECP Brownfields Environmental Site Registry.
11. National Air Photo Library, Ottawa, Ontario.
12. Technical Standards and Safety Authority.
13. Intera Technologies Inc. *Inventory of Coal Gasification Plant Waste Sites in Ontario*. April 1987.
14. Intera Technologies Inc. *Inventory of Industrial Sites Producing or Using Coal Tar and Related Tars in Ontario*. November 1988.

10.0 APPENDICES

APPENDIX A
Figures



PROJECT NAME: PHASE ONE ENVIRONMENTAL SITE ASSESSMENT	
CLIENT NAME: RIDEAU NON-PROFIT HOUSING	
PROJECT LOCATION: 5581 DOCTOR LEACH DRIVE, MANOTICK, ONTARIO	
FIGURE NAME: KEYMAP	
PROJECT NUMBER: 306391	SCALE: AS SHOWN
DRAWN BY: KL	REVIEWED BY: AK
DATE: AUGUST 2022	FIGURE NUMBER: 1



LEGEND

- SITE BOUNDARY
- SITE BUILDING
- COMMERCIAL
- VACANT
- RESIDENTIAL
- MULTI-TENANT COMMERCIAL
- COMMUNITY/PARKLAND

PHASE ONE STUDY AREA

PHASE ONE PROPERTY

LEGEND IS COLOUR DEPENDENT.
NON-COLOUR COPIES MAY ALTER INTERPRETATION.



PROJECT NAME:
PHASE ONE ENVIRONMENTAL SITE ASSESSMENT

CLIENT NAME:
RIDEAU NON-PROFIT HOUSING

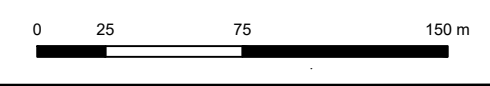
PROJECT LOCATION:
5581 DOCTOR LEACH DRIVE, MANOTICK, ONTARIO

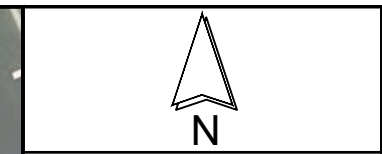
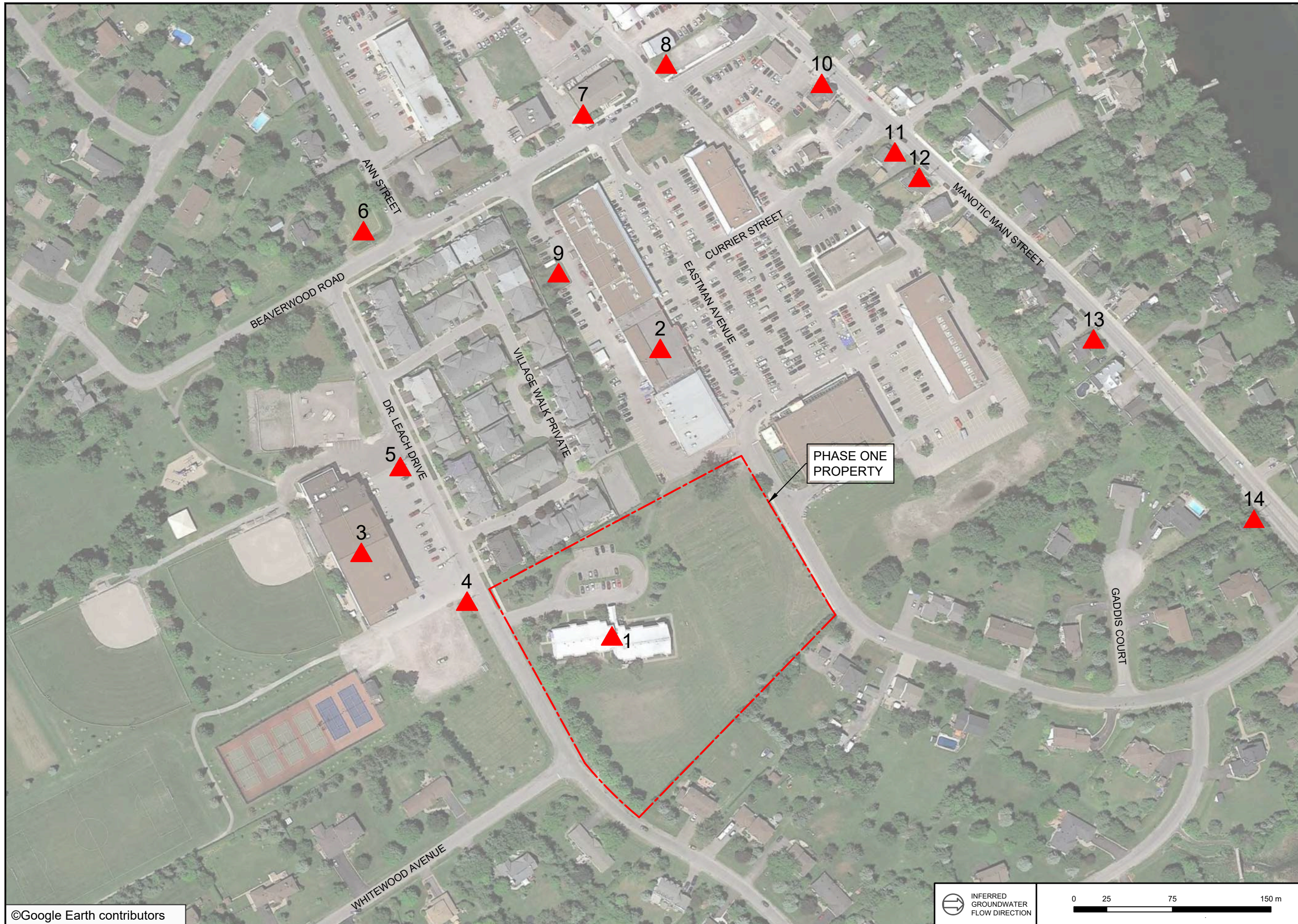
FIGURE NAME:
PHASE ONE STUDY AREA

PROJECT NUMBER: 306391	SCALE: AS SHOWN
----------------------------------	---------------------------

DRAWN BY: KL	REVIEWED BY: AK
------------------------	---------------------------

DATE: AUGUST 2022	FIGURE NUMBER: 2
-----------------------------	----------------------------





LEGEND

- SITE BOUNDARY
- SITE BUILDING
- ▲ PCA
- PCA POTENTIALLY CONTAMINATING ACTIVITIES

LEGEND IS COLOUR DEPENDENT.
NON-COLOUR COPIES MAY ALTER
INTERPRETATION.



PROJECT NAME:
**PHASE ONE
ENVIRONMENTAL SITE
ASSESSMENT**

CLIENT NAME:
**RIDEAU NON-PROFIT HOUSING
INC.**

PROJECT LOCATION:
**5581 DOCTOR LEACH DRIVE,
MANOTICK, ONTARIO**

FIGURE NAME:
**POTENTIALLY CONTAMINATING
ACTIVITIES**

PROJECT NUMBER:
306391

SCALE:
AS SHOWN

DRAWN BY:
KL

REVIEWED BY:
AK

DATE:
AUGUST 2022

FIGURE NUMBER:
3



APPENDIX B
Photographs



Photo 1 – Site Building (north elevation).



Photo 2 – Site Building (east elevation).



Photo 3 – Site Building (south elevation).



Photo 4 – Site Building (west elevation).



Photo 5 – Property located northwest of the Phase One Property.



Photo 6 – Properties located northeast of the Phase One Property.

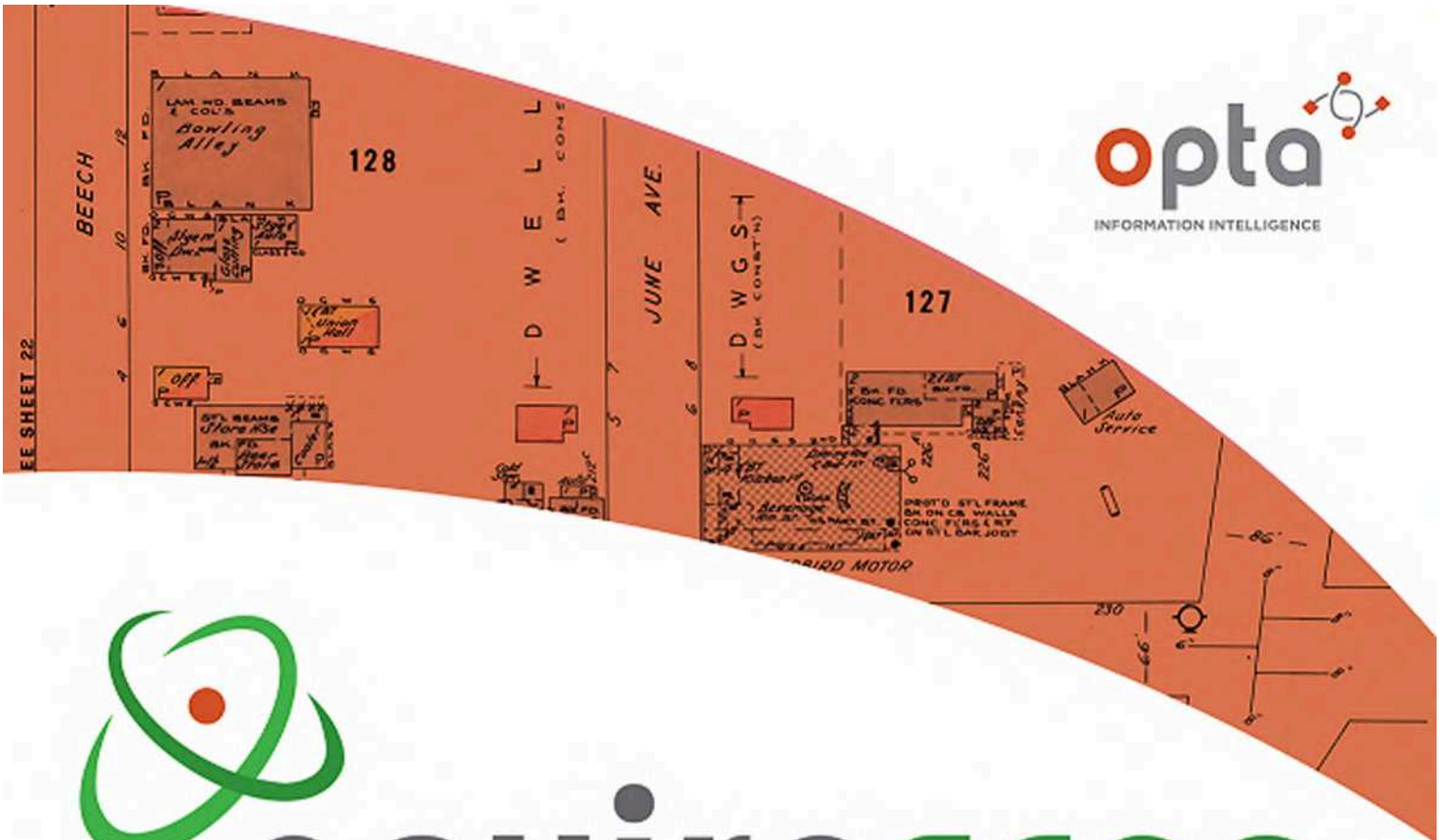


Photo 7 – Properties located southeast of the Phase One Property.



Photo 8 – Property located southwest of the Phase One Property.

APPENDIX C
Opta Records



enviroscan



An SCM Company

175 Commerce Valley Drive W
Markham, Ontario L3T 7Z3

T: 905-882-6300
W: www.optaintel.ca

Report Completed By:

Midori

Site Address:

5581 Dr Leach Drive, Manotick, ON

Project No:

22073100096

Opta Order ID:

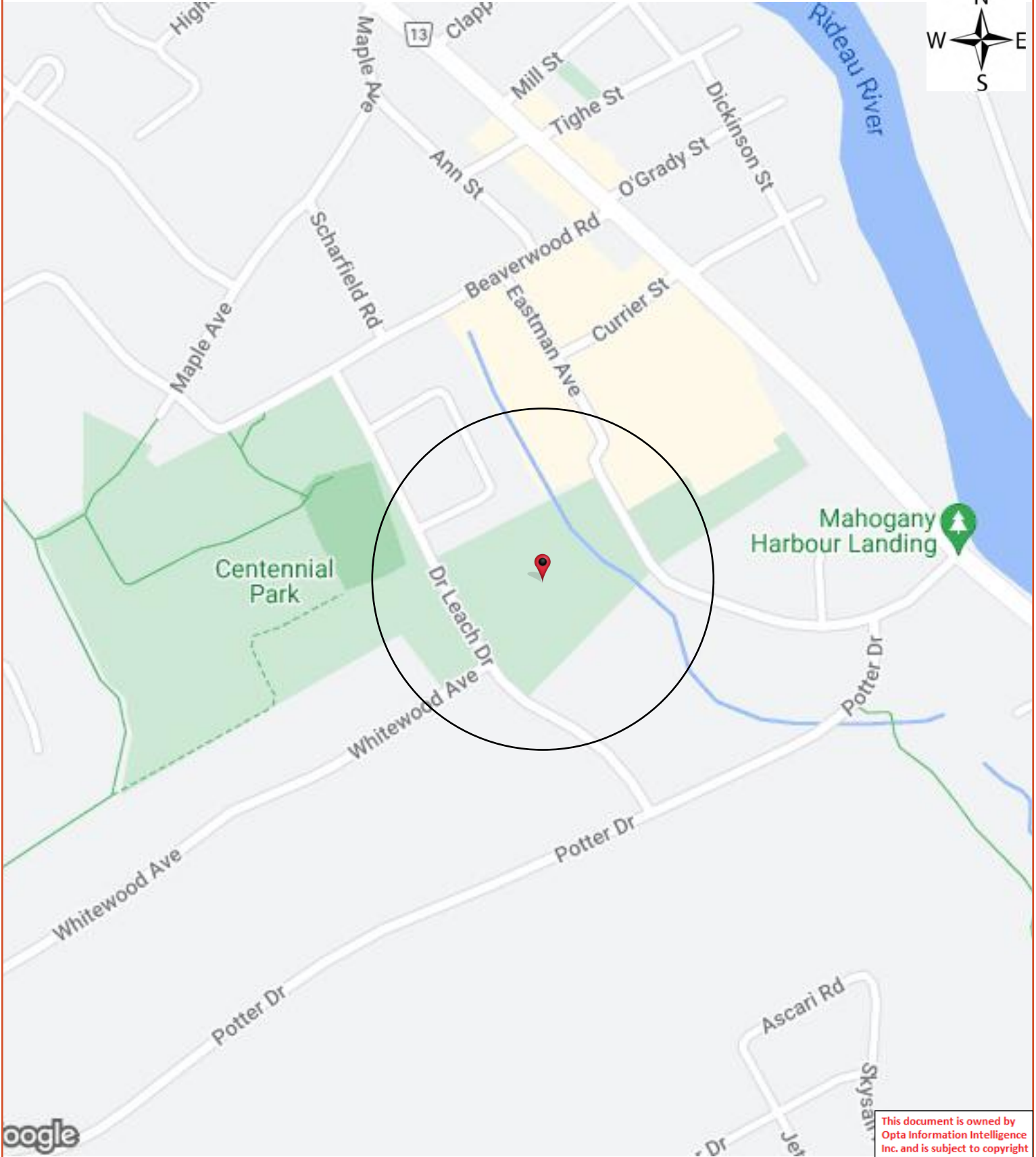
112641

Requested by:

Eleanor Goolab
ERIS

Date Completed:

8/8/2022 7:40:00 AM





Opta Historical Environmental Services EnviroscanTM Terms and Conditions

Report

The documents (hereinafter referred to as the "Documents") to be released as part of the report (hereinafter referred to as the "Report") to be delivered to the purchaser as set out above are documents in Opta's records relating to the described property (hereinafter referred to as the "Property"). Opta makes no representations or warranties respecting the Documents whatsoever, including, without limitation, with respect to the completeness, accuracy or usefulness of the Documents, and does not represent or warrant that these are the only plans and reports prepared in association with the Property or in Opta's possession at the time of Report delivery to the purchaser. The Documents are current as of the date(s) indicated on them. Interpretation of the Documents, if any, is by inference based upon the information which is apparent and obvious on the face of the Documents only. Opta does not represent, warrant or guarantee that interpretations other than those referred to do not exist from other sources. The Report will be prepared for use by the purchaser of the services as shown above hereof only.

Disclaimer

Opta disclaims responsibility for any losses or damages of any kind whatsoever, whether consequential or other, however caused, incurred or suffered, arising directly or indirectly as a result of the services (which services include, but are not limited to, the preparation of the Report provided hereunder), including but not limited to, any losses or damages arising directly or indirectly from any breach of contract, fundamental or otherwise, from reliance on Opta Reports or from any tortious acts or omissions of Opta's agents, employees or representatives.

Entire Agreement

The parties hereto acknowledge and agree to be bound by the terms and conditions hereof. The request form constitutes the entire agreement between the parties pertaining to the subject matter hereof and supersedes all prior and contemporaneous agreements, negotiations and discussions, whether oral or written, and there are no representations or warranties, or other agreements between the parties in connection with the subject matter hereof except as specifically set forth herein. No supplement, modification, waiver, or termination of the request shall be binding, unless confirmed in writing by the parties hereto.

Governing Document

In the event of any conflicts or inconsistencies between the provisions hereof and the Reports, the rights and obligations of the parties shall be deemed to be governed by the request form, which shall be the paramount document.

Law

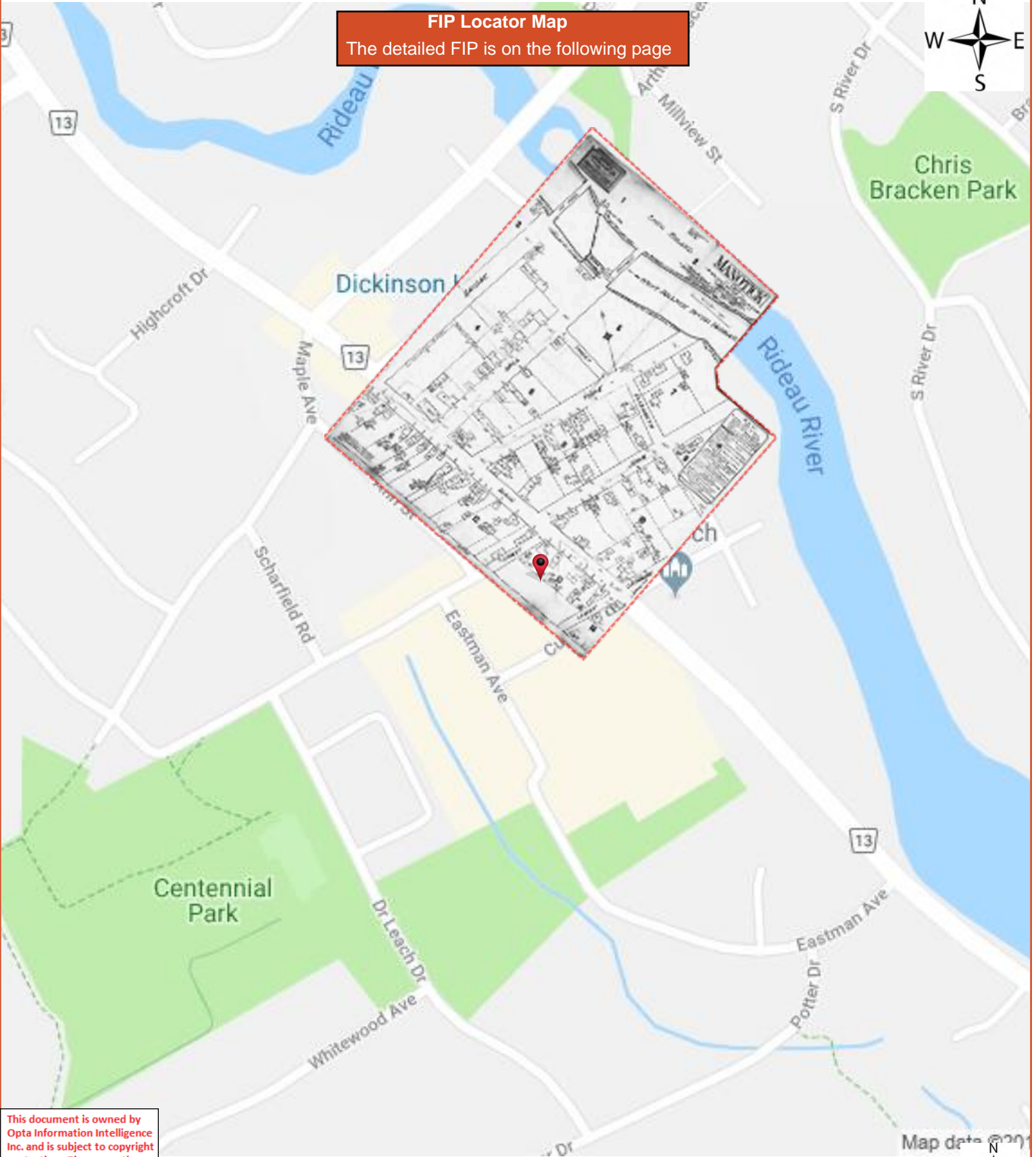
This agreement shall be governed by and construed in accordance with the laws of the Province of Ontario and the laws of Canada applicable therein.



175 Commerce Valley Drive W
Markham, Ontario
L3T 7Z3

T: 905.882.6300
Toll Free: 905.882.6300
F: 905.882.6300

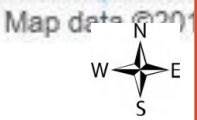
An SCM Company
www.optaintel.ca



FIP Locator Map
The detailed FIP is on the following page



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APPENDIX D
ERIS Report



DATABASE REPORT

Project Property: *5581 Doctor Leach Drive Manotick ON
5581 Dr Leach Dr
Manotick ON K4M 1J6*

Project No: *306391*

Report Type: *Quote - Custom-Build Your Own Report*

Order No: *22073100096*

Requested by: *Pinchin Ltd.*

Date Completed: *August 5, 2022*

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Executive Summary

Property Information:

Project Property: 5581 Doctor Leach Drive Manotick ON
5581 Dr Leach Dr Manotick ON K4M 1J6

Project No: 306391

Order Information:

Order No: 22073100096
Date Requested: July 31, 2022
Requested by: Pinchin Ltd.
Report Type: Quote - Custom-Build Your Own Report

Historical/Products:

Aerial Photographs Aerials - National Collection
ERIS Xplorer [ERIS Xplorer](#)
Insurance Products Fire Insurance Maps/Inspection Reports/Site Plans
Physical Setting Report (PSR) PSR
Topographic Map ANSI Map & Ontario Base Map (OBM)

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.25km</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	1	1
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	2	2
EEM	<i>Environmental Effects Monitoring</i>	Y	0	0	0
EHS	<i>ERIS Historical Searches</i>	Y	0	7	7
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	0	0
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	0	0
GEN	<i>Ontario Regulation 347 Waste Generators Summary</i>	Y	0	53	53
GHG	<i>Greenhouse Gas Emissions from Large Facilities</i>	Y	0	0	0
HINC	<i>TSSA Historic Incidents</i>	Y	0	1	1

Database	Name	Searched	Project Property	Boundary to 0.25km	Total
IAFT	<i>Indian & Northern Affairs Fuel Tanks</i>	Y	0	0	0
INC	<i>Fuel Oil Spills and Leaks</i>	Y	0	1	1
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	3	3
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
NPRI	<i>National Pollutant Release Inventory</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	20	20
PINC	<i>Pipeline Incidents</i>	Y	0	5	5
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	9	9
SPL	<i>Ontario Spills</i>	Y	0	5	5
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	22	22
Total:			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	NCPL	City of Ottawa - Village Walk STP	65 Village Walk Pvt Ottawa ON	NNW/18.8	-0.93	35
1	NCPL	City of Ottawa - Village Walk STP	65 Village Walk Pvt Ottawa ON	NNW/18.8	-0.93	35
1	NCPL	City of Ottawa - Village Walk Sewage Treatment Plant	65 Village Walk Pvt Ottawa ON	NNW/18.8	-0.93	35
2	PINC	ENBRIDGE GAS INC	5598 EASTMAN AVE,,MANOTICK,ON, K4M 1E2,CA ON	ESE/21.0	-0.69	36
3	WWIS		ON Well ID: 7373237	WNW/51.8	0.00	36
4	GEN	QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	NE/69.9	-0.03	37
4	PES	ROBINSON'S FOODMARKETS INC	1160 BEAVERWOOD RD BOX 517 MANOTICK ON K4M1A5	NE/69.9	-0.03	37
4	PES	ROBINSON'S FOODMARKETS INC	1160 BEAVERWOOD RD MANOTICK ON K4M1A5	NE/69.9	-0.03	38
4	GEN	QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON	NE/69.9	-0.03	38
4	GEN	QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON	NE/69.9	-0.03	38
4	GEN	Caremedics Manotick Inc	1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	NE/69.9	-0.03	39
4	SPL	Parson Refrigeration (1985) Ltd.	1160 Beaverwood Rd, Manotick Ottawa ON	NE/69.9	-0.03	39

<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>
4	GEN	Caremedics Manotick Inc	1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	NE/69.9	-0.03	39
4	GEN	Caremedics Manotick Inc	1160 Beaverwood Road, Unit 2 Manotick ON	NE/69.9	-0.03	40
4	GEN	QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON	NE/69.9	-0.03	40
4	PES	ROBINSON'S FOODMARKETS INC	1160 BEAVERWOOD RD MANOTICK ON K4M1A5	NE/69.9	-0.03	40
4	GEN	Caremedics Manotick Inc.	1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	NE/69.9	-0.03	41
4	GEN	Rexall Pharmacy Group Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	NE/69.9	-0.03	41
4	GEN	QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	NE/69.9	-0.03	41
4	GEN	QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	NE/69.9	-0.03	41
4	GEN	Pharmx Rexall Drug Stores Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	NE/69.9	-0.03	42
4	GEN	Caremedics Manotick Inc	1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	NE/69.9	-0.03	42
4	GEN	QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	NE/69.9	-0.03	42
4	GEN	Caremedics Manotick Inc	1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	NE/69.9	-0.03	43
4	GEN	Pharmx Rexall Drug Stores Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	NE/69.9	-0.03	43

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
4	GEN	Rexall Pharmacy Group Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	NE/69.9	-0.03	43
4	GEN	Caremedics Manotick Inc.	1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	NE/69.9	-0.03	43
4	GEN	QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	NE/69.9	-0.03	44
4	PES	LOBLAWS INC. O/A MANOTICK YOUR INDEPENDENT GROCER	1160 BEAVERWOOD RD MANOTICK ON K4M1A5	NE/69.9	-0.03	44
4	CDRY	Quality Cleaners	1160 Beaverwood Rd Manotick ON K4M1A2	NE/69.9	-0.03	44
4	CDRY	Quality Cleaners	1160 Beaverwood Rd Manotick ON K4M1A2	NE/69.9	-0.03	46
4	PES	ROBINSON'S FOODMARKETS INC	1160 BEAVERWOOD RD MANOTICK ON K4M1A5	NE/69.9	-0.03	46
4	PES	2626693 ONTARIO INC. O/A MCDONOUGH'S YOUR INDEPENDENT GROCER	1160 BEAVERWOOD RD. MANOTICK ON	NE/69.9	-0.03	47
4	GEN	Rexall Pharmacy Group Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	NE/69.9	-0.03	47
4	GEN	Caremedics Manotick Inc.	1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	NE/69.9	-0.03	47
4	GEN	QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	NE/69.9	-0.03	48
4	GEN	Caremedics Manotick Inc.	1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	NE/69.9	-0.03	48

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
4	GEN	Rexall Pharmacy Group Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	NE/69.9	-0.03	48
4	GEN	QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	NE/69.9	-0.03	49
5	PES	MANOTICK HARDWARE LIMITED	1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M1A8	N/75.8	-1.00	49
5	INC		1160D Beaverwood Drive, Manotick ON	N/75.8	-1.00	49
5	PINC		1166 EASTMAN AVENUE, MANOTICK ON	N/75.8	-1.00	50
5	PES	MANOTICK HARDWARE LIMITED	1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M 1A8	N/75.8	-1.00	50
5	PES	2485368 ONTARIO INC O/A MANOTICK HOME HARDWARE	1166 BEAVERWOOD RD MANOTICK ON K4M1A8	N/75.8	-1.00	51
5	PES	1799598 ONTARIO LIMITED O/A MANOTICK HOME HARDWARE	1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M1A8	N/75.8	-1.00	51
5	PES	1799598 ONTARIO LIMITED O/A MANOTICK HOME HARDWARE	1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M1A8	N/75.8	-1.00	51
5	PES	2485368 ONTARIO INC.	1166 Beaverwood RD Manotick ON K4M 1A8	N/75.8	-1.00	52
6	SPL		5572 Doctor Leach Drive, Manotick Ottawa ON K4M 1C8	WNW/76.4	0.31	52
6	GEN	City of Ottawa	5572 Dr. Leach Drive Ottawa ON K4M 1C8	WNW/76.4	0.31	53
6	GEN	City of Ottawa	5572 Dr. Leach Drive Ottawa ON K4M 1C8	WNW/76.4	0.31	53

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
6	GEN	City of Ottawa	5572 Dr. Leach Drive Ottawa ON K4M 1C8	WNW/76.4	0.31	54
6	GEN	City of Ottawa	5572 Dr. Leach Drive Ottawa ON K4M 1C8	WNW/76.4	0.31	54
6	GEN	Rideau Elevator Services Inc.	5572 DR LEACH DRIVE MANOTICK ON K4M 1C8	WNW/76.4	0.31	54
6	GEN	City of Ottawa	5572 Dr. Leach Drive Ottawa ON K4M 1C8	WNW/76.4	0.31	55
6	GEN	City of Ottawa	5572 Dr Leach Dr Manotick ON K4M 1C8	WNW/76.4	0.31	55
6	GEN	City of Ottawa	5572 Dr. Leach Drive Ottawa ON K4M 1C8	WNW/76.4	0.31	55
6	GEN	City of Ottawa	5572 Dr Leach Dr Manotick ON K4M 1C8	WNW/76.4	0.31	56
7	ECA	City of Ottawa	Ottawa ON K1J 1A6	WNW/83.1	0.06	56
7	ECA	City of Ottawa	Ottawa ON	WNW/83.1	0.06	57
8	WWIS		lot 2 con A ON Well ID: 1515427	WNW/116.1	-0.08	57
9	WWIS		lot 2 con A ON Well ID: 1514029	WNW/138.1	1.27	60
10	PINC		1161 Gaddis Court, Manotick ON	E/138.3	0.47	64
11	EHS		Whitewood Avenue, 225 SW of Dr Leach Drive Manotick ON K4M 1E1	WSW/148.9	0.00	64

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
12	WWIS		lot 3 ON Well ID: 1506598	NE/152.4	5.02	64
13	WWIS		5562 MANOTICK MAIN STREET lot 2 con A MANOTICK ON Well ID: 7165034	NNE/168.4	1.32	68
14	PES	ROBINSON'S FOODMARKETS INC.	1160 JOHN STREET MANOTICK ON K4M 1A3	NNW/189.3	-2.09	72
14	PES	PROVIGO DISTRIBUTION INC./ MANOTICK MEWS IND. GROCER	1160 JOHN STREET, BOX 517 MANOTICK ON K4M1A5	NNW/189.3	-2.09	72
15	WWIS		lot 3 ON Well ID: 1506493	NE/189.9	5.08	72
16	WWIS		1212. POTTER DR Ottawa ON Well ID: 7195522	S/191.3	0.00	75
16	WWIS		1212 POTTER DRIVE MANOTICK ON Well ID: 7194536	S/191.3	0.00	81
17	WWIS		lot 3 ON Well ID: 1511311	ENE/195.7	4.29	83
18	BORE		ON	ENE/197.9	2.44	87
19	EHS		5582 Manotick Main Street Manotick ON K4M 1E2	ENE/198.2	3.59	88
20	EHS		5562 Manotick Main Street Ottawa ON	NNE/199.5	4.39	88
21	WWIS		lot 3 ON Well ID: 1516567	ENE/200.7	3.59	88
22	CA	TEAMCO HOLDINGS INC.	JOHN ST./DOCTOR LEACH DR.(STP) RIDEAU TWP. ON	WNW/201.9	2.37	91

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
23	GEN	Rexall Pharmacy Group Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	N/202.4	0.03	92
23	GEN	Caremedics Manotick Inc.	1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	N/202.4	0.03	92
23	PES		1160 BEAVERWOOD RD MANOTICK ON K4M 1A5	N/202.4	0.03	92
24	PINC	SHAHRAM BAKHTIARI	5572 DOCTOR LEACH DR.,OTTAWA,ON, K4M 1C8,CA ON	W/203.3	2.00	93
25	WWIS		lot 2 con A ON Well ID: 1517732	NW/204.0	-0.55	93
26	PINC	ENBRIDGE GAS INC	5635 WHITEWOOD AVE,,MANOTICK,ON, K4M 1E1,CA ON	WSW/204.2	-1.03	97
27	EHS		5552 Manotick Main Street Manotick ON K4M	NNE/206.0	2.73	97
28	SPL	S 21(1)(f) of FIPPA	5567 Main St, Osgoode Ottawa ON	NE/207.4	4.92	98
29	WWIS		lot 3 ON Well ID: 1506485	ENE/207.8	0.00	98
30	SCT	RIDEAU AWNINGS	5573 MAIN ST MANOTICK ON K4M 1A7	NE/210.0	4.38	101
31	WWIS		lot 2 con A ON Well ID: 1516469	NW/212.7	-1.19	101
32	WWIS		lot 2 ON Well ID: 1514484	NNE/216.4	2.73	105

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
33	SPL	PRIVATE RESIDENCE	5561 MAIN STREET, MANOTICK FURNACE OIL TANK RIDEAU TOWNSHIP ON	NNE/218.6	4.95	108
34	BORE		ON	WNW/223.7	5.19	109
35	WWIS		lot 7 con 1 ON Well ID: 1511389	WNW/223.7	5.19	110
36	GEN	RIDEAU ANIMAL HOSPITAL	1 ANN ST. MANOTICK ON K0A 2N0	NW/224.8	-1.95	114
36	GEN	RIDEAU ANIMAL HOSPITAL	1 ANN ST. MANOTICK ON K0A 2N0	NW/224.8	-1.95	114
36	GEN	RIDEAU ANIMAL HOSPITAL 33-274	1 ANN ST. MANOTICK ON K0A 2N0	NW/224.8	-1.95	114
36	GEN	RIDEAU ANIMAL (OUT OF BUS.)	1 ANN ST. MANOTICK ON K0A 2N0	NW/224.8	-1.95	115
36	GEN	Rideaugreen Veterinary Management Inc.	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	NW/224.8	-1.95	115
36	GEN	Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON	NW/224.8	-1.95	115
36	GEN	Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON	NW/224.8	-1.95	116
36	GEN	Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON	NW/224.8	-1.95	116
36	GEN	Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON	NW/224.8	-1.95	116
36	GEN	Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	NW/224.8	-1.95	117

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
36	GEN	Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON	NW/224.8	-1.95	117
36	GEN	Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	NW/224.8	-1.95	117
36	GEN	Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	NW/224.8	-1.95	118
36	GEN	Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	NW/224.8	-1.95	118
36	GEN	Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	NW/224.8	-1.95	119
36	GEN	Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	NW/224.8	-1.95	119
36	GEN	Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	NW/224.8	-1.95	119
37	WWIS		lot 3 ON Well ID: 1506492	ENE/227.6	1.59	120
38	EHS		1185 Beaverwood Road Manotick ON K4M 1L6	NW/228.2	2.36	122
39	SCT	BARRHAVEN INDEPENDENT	1165 JOHN ST MANOTICK ON K4M	NNW/228.8	-2.08	122
39	SCT	MANOTICK MESSENGER INC.	1165 JOHN ST MANOTICK ON K4M 1A5	NNW/228.8	-2.08	122
39	SCT	MANOTICK PRINTING SERVICES	1165 JOHN ST MANOTICK ON K4M 1A5	NNW/228.8	-2.08	123
39	SCT	IMPLO-TEC RESEARCH CANADA INC.	1165 John St Manotick ON K4M 1A2	NNW/228.8	-2.08	123

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
39	SCT	Barrhaven Independent	1165 Beaverwood Crs Manotick ON K4M 1A5	NNW/228.8	-2.08	123
39	SCT	Manotick Printing Services	1165 Beaverwood Rd Manotick ON K4M 1A5	NNW/228.8	-2.08	124
39	SCT	Manotick Messenger Inc.	1165 Beaverwood Rd Manotick ON K4M 1A5	NNW/228.8	-2.08	124
39	SCT	Manotick Messenger Inc. -	1165 Beaverwood Rd Manotick ON K4M 1A5	NNW/228.8	-2.08	124
39	EHS		1165 Beaverwood Road Ottawa Ontario Manotick ON K4M 1L6	NNW/228.8	-2.08	125
40	WWIS		lot 3 ON Well ID: 1506490	NE/231.4	-0.13	125
41	WWIS		lot 2 ON Well ID: 1506473	NNE/232.4	2.70	128
42	WWIS		lot 2 con A ON Well ID: 1516364	N/232.9	1.08	130
43	WWIS		lot 3 ON Well ID: 1506491	ENE/236.4	-1.18	133
44	WWIS		lot 3 ON Well ID: 1516571	ENE/245.3	-1.64	136
45	EHS		5549 Ann St Ottawa ON K4M1L6	N/246.8	1.08	139
46	WWIS		lot 2 con A ON Well ID: 1517944	NNW/247.1	-1.03	140
47	SPL	SERVICE STATION	5549 ANN ST., MANOTICK (N.O.S.) OSGOODE TOWNSHIP ON	N/249.7	-0.45	143

<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>
48	PES	GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED	1168 MAPLE ST, PO 534, STN MAIN MANOTICK ON K4M1A5	NNW/249.9	-2.00	144
48	PES	GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED	1168 MAPLE ST, PO 534, STN MAIN MANOTICK ON K4M1A5	NNW/249.9	-2.00	144
48	HINC		1168 MAPLE STREET MANOTICK ON	NNW/249.9	-2.00	144
48	PES	GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED	1168 MAPLE ST, BOX 534 MANOTICK ON K4M 1A5	NNW/249.9	-2.00	145
48	PES	GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED	1168 MAPLE ST, BOX 534 MANOTICK ON K4M 1A5	NNW/249.9	-2.00	145
48	PES	GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED	1168 MAPLE ST, BOX 534 MANOTICK ON K4M1A5	NNW/249.9	-2.00	146

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>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	197.9	<u>18</u>
	ON	223.7	<u>34</u>

CA - Certificates of Approval

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

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
TEAMCO HOLDINGS INC.	JOHN ST./DOCTOR LEACH DR.(STP) RIDEAU TWP. ON	201.9	<u>22</u>

CDRY - Dry Cleaning Facilities

A search of the CDRY database, dated Jan 2004-Dec 2020 has found that there are 2 CDRY site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Quality Cleaners	1160 Beaverwood Rd Manotick ON K4M1A2	69.9	<u>4</u>
Quality Cleaners	1160 Beaverwood Rd Manotick ON K4M1A2	69.9	<u>4</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011- Jun 30, 2022 has found that there are 2 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	Ottawa ON K1J 1A6	83.1	<u>7</u>
City of Ottawa	Ottawa ON	83.1	<u>7</u>

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Mar 31, 2022 has found that there are 7 EHS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Whitewood Avenue, 225 SW of Dr Leach Drive Manotick ON K4M 1E1	148.9	<u>11</u>
	5582 Manotick Main Street Manotick ON K4M 1E2	198.2	<u>19</u>
	5562 Manotick Main Street Ottawa ON	199.5	<u>20</u>
	5552 Manotick Main Street Manotick ON K4M	206.0	<u>27</u>
	1185 Beaverwood Road Manotick ON K4M 1L6	228.2	<u>38</u>
	1165 Beaverwood Road Ottawa Ontario Manotick ON K4M 1L6	228.8	<u>39</u>
	5549 Ann St Ottawa ON K4M1L6	246.8	<u>45</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
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GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Feb 28, 2022 has found that there are 53 GEN site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	69.9	4
QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON	69.9	4
QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON	69.9	4
Caremedics Manotick Inc	1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	69.9	4
Caremedics Manotick Inc	1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	69.9	4
Caremedics Manotick Inc	1160 Beaverwood Road, Unit 2 Manotick ON	69.9	4
QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON	69.9	4
Caremedics Manotick Inc.	1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	69.9	4
Rexall Pharmacy Group Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	69.9	4

Site	Address	Distance (m)	Map Key
QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	69.9	4
QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	69.9	4
Pharmx Rexall Drug Stores Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	69.9	4
Caremedics Manotick Inc	1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	69.9	4
QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	69.9	4
Caremedics Manotick Inc	1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	69.9	4
Pharmx Rexall Drug Stores Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	69.9	4
Rexall Pharmacy Group Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	69.9	4
Caremedics Manotick Inc.	1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	69.9	4
QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	69.9	4
Rexall Pharmacy Group Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	69.9	4
Caremedics Manotick Inc.	1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	69.9	4

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	69.9	<u>4</u>
Caremedics Manotick Inc.	1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	69.9	<u>4</u>
Rexall Pharmacy Group Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	69.9	<u>4</u>
QUALITY CLEANERS	1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	69.9	<u>4</u>
City of Ottawa	5572 Dr. Leach Drive Ottawa ON K4M 1C8	76.4	<u>6</u>
City of Ottawa	5572 Dr. Leach Drive Ottawa ON K4M 1C8	76.4	<u>6</u>
City of Ottawa	5572 Dr. Leach Drive Ottawa ON K4M 1C8	76.4	<u>6</u>
City of Ottawa	5572 Dr. Leach Drive Ottawa ON K4M 1C8	76.4	<u>6</u>
Rideau Elevator Services Inc.	5572 DR LEACH DRIVE MANOTICK ON K4M 1C8	76.4	<u>6</u>
City of Ottawa	5572 Dr. Leach Drive Ottawa ON K4M 1C8	76.4	<u>6</u>
City of Ottawa	5572 Dr Leach Dr Manotick ON K4M 1C8	76.4	<u>6</u>

Site	Address	Distance (m)	Map Key
City of Ottawa	5572 Dr. Leach Drive Ottawa ON K4M 1C8	76.4	<u>6</u>
City of Ottawa	5572 Dr Leach Dr Manotick ON K4M 1C8	76.4	<u>6</u>
Rexall Pharmacy Group Ltd.	1160 Beaverwood Rd Manotick ON K4M 1A3	202.4	<u>23</u>
Caremedics Manotick Inc.	1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	202.4	<u>23</u>
Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON	224.8	<u>36</u>
Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON	224.8	<u>36</u>
Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON	224.8	<u>36</u>
Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON	224.8	<u>36</u>
Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	224.8	<u>36</u>
Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON	224.8	<u>36</u>
Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	224.8	<u>36</u>
Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	224.8	<u>36</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	224.8	<u>36</u>
Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	224.8	<u>36</u>
Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	224.8	<u>36</u>
Nepean-Rideau Veterinary Professional Corporation	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	224.8	<u>36</u>
RIDEAU ANIMAL HOSPITAL	1 ANN ST. MANOTICK ON K0A 2N0	224.8	<u>36</u>
RIDEAU ANIMAL HOSPITAL	1 ANN ST. MANOTICK ON K0A 2N0	224.8	<u>36</u>
RIDEAU ANIMAL HOSPITAL 33-274	1 ANN ST. MANOTICK ON K0A 2N0	224.8	<u>36</u>
RIDEAU ANIMAL (OUT OF BUS.)	1 ANN ST. MANOTICK ON K0A 2N0	224.8	<u>36</u>
Rideaugreen Veterinary Management Inc.	P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	224.8	<u>36</u>

HINC - TSSA Historic Incidents

A search of the HINC database, dated 2006-June 2009* has found that there are 1 HINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1168 MAPLE STREET MANOTICK ON	249.9	48

INC - Fuel Oil Spills and Leaks

A search of the INC database, dated Feb 28, 2022 has found that there are 1 INC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1160D Beaverwood Drive, Manotick ON	75.8	5

NCPL - Non-Compliance Reports

A search of the NCPL database, dated Dec 31, 2020 has found that there are 3 NCPL site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa - Village Walk STP	65 Village Walk Pvt Ottawa ON	18.8	1
City of Ottawa - Village Walk Sewage Treatment Plant	65 Village Walk Pvt Ottawa ON	18.8	1
City of Ottawa - Village Walk STP	65 Village Walk Pvt Ottawa ON	18.8	1

PES - Pesticide Register

A search of the PES database, dated Oct 2011- Jun 30, 2022 has found that there are 20 PES site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ROBINSON'S FOODMARKETS INC	1160 BEAVERWOOD RD BOX 517 MANOTICK ON K4M1A5	69.9	4

Site	Address	Distance (m)	Map Key
ROBINSON'S FOODMARKETS INC	1160 BEAVERWOOD RD MANOTICK ON K4M1A5	69.9	<u>4</u>
ROBINSON'S FOODMARKETS INC	1160 BEAVERWOOD RD MANOTICK ON K4M1A5	69.9	<u>4</u>
LOBLAWS INC. O/A MANOTICK YOUR INDEPENDENT GROCER	1160 BEAVERWOOD RD MANOTICK ON K4M1A5	69.9	<u>4</u>
ROBINSON'S FOODMARKETS INC	1160 BEAVERWOOD RD MANOTICK ON K4M1A5	69.9	<u>4</u>
2626693 ONTARIO INC. O/A MCDONOUGH'S YOUR INDEPENDENT GROCER	1160 BEAVERWOOD RD. MANOTICK ON	69.9	<u>4</u>
2485368 ONTARIO INC.	1166 Beaverwood RD Manotick ON K4M 1A8	75.8	<u>5</u>
MANOTICK HARDWARE LIMITED	1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M1A8	75.8	<u>5</u>
MANOTICK HARDWARE LIMITED	1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M 1A8	75.8	<u>5</u>
2485368 ONTARIO INC O/A MANOTICK HOME HARDWARE	1166 BEAVERWOOD RD MANOTICK ON K4M1A8	75.8	<u>5</u>
1799598 ONTARIO LIMITED O/A MANOTICK HOME HARDWARE	1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M1A8	75.8	<u>5</u>
1799598 ONTARIO LIMITED O/A MANOTICK HOME HARDWARE	1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M1A8	75.8	<u>5</u>
PROVIGO DISTRIBUTION INC./ MANOTICK MEWS IND. GROCER	1160 JOHN STREET, BOX 517 MANOTICK ON K4M1A5	189.3	<u>14</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ROBINSON'S FOODMARKETS INC.	1160 JOHN STREET MANOTICK ON K4M 1A3	189.3	<u>14</u>
	1160 BEAVERWOOD RD MANOTICK ON K4M 1A5	202.4	<u>23</u>
GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED	1168 MAPLE ST, PO 534, STN MAIN MANOTICK ON K4M1A5	249.9	<u>48</u>
GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED	1168 MAPLE ST, PO 534, STN MAIN MANOTICK ON K4M1A5	249.9	<u>48</u>
GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED	1168 MAPLE ST, BOX 534 MANOTICK ON K4M 1A5	249.9	<u>48</u>
GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED	1168 MAPLE ST, BOX 534 MANOTICK ON K4M 1A5	249.9	<u>48</u>
GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED	1168 MAPLE ST, BOX 534 MANOTICK ON K4M1A5	249.9	<u>48</u>

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 5 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
ENBRIDGE GAS INC	5598 EASTMAN AVE,,MANOTICK,ON,K4M 1E2,CA ON	21.0	<u>2</u>
	1166 EASTMAN AVENUE, MANOTICK ON	75.8	<u>5</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	1161 Gaddis Court, Manotick ON	138.3	10
SHAHRAM BAKHTIARI	5572 DOCTOR LEACH DR.,,OTTAWA,ON, K4M 1C8,CA ON	203.3	24
ENBRIDGE GAS INC	5635 WHITEWOOD AVE.,,MANOTICK,ON, K4M 1E1,CA ON	204.2	26

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 9 SCT site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
RIDEAU AWNINGS	5573 MAIN ST MANOTICK ON K4M 1A7	210.0	30
Manotick Printing Services	1165 Beaverwood Rd Manotick ON K4M 1A5	228.8	39
Manotick Messenger Inc. -	1165 Beaverwood Rd Manotick ON K4M 1A5	228.8	39
Manotick Messenger Inc.	1165 Beaverwood Rd Manotick ON K4M 1A5	228.8	39
Barrhaven Independent	1165 Beaverwood Crs Manotick ON K4M 1A5	228.8	39
BARRHAVEN INDEPENDENT	1165 JOHN ST MANOTICK ON K4M	228.8	39
MANOTICK MESSENGER INC.	1165 JOHN ST MANOTICK ON K4M 1A5	228.8	39

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
MANOTICK PRINTING SERVICES	1165 JOHN ST MANOTICK ON K4M 1A5	228.8	39
IMPLO-TEC RESEARCH CANADA INC.	1165 John St Manotick ON K4M 1A2	228.8	39

SPL - Ontario Spills

A search of the SPL database, dated 1988-Sep 2020; Dec 2020-Mar 2021 has found that there are 5 SPL site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Parson Refrigeration (1985) Ltd.	1160 Beaverwood Rd, Manotick Ottawa ON	69.9	4
	5572 Doctor Leach Drive, Manotick Ottawa ON K4M 1C8	76.4	6
S 21(1)(f) of FIPPA	5567 Main St, Osgoode Ottawa ON	207.4	28
PRIVATE RESIDENCE	5561 MAIN STREET, MANOTICK FURNACE OIL TANK RIDEAU TOWNSHIP ON	218.6	33
SERVICE STATION	5549 ANN ST., MANOTICK (N.O.S.) OSGOODE TOWNSHIP ON	249.7	47

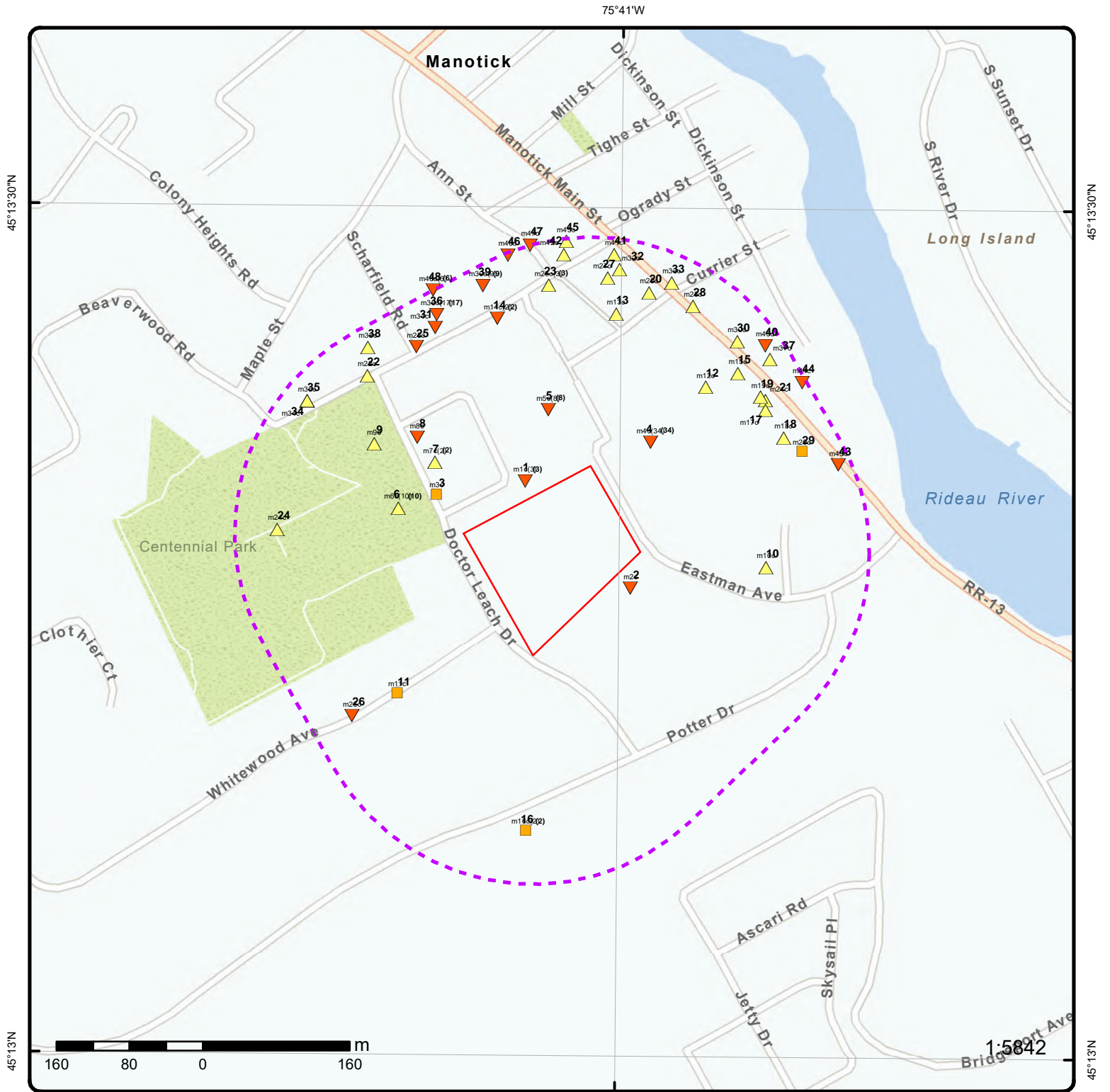
WWIS - Water Well Information System

A search of the WWIS database, dated Jan 31, 2022 has found that there are 22 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	51.8	3

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 7373237		
	lot 2 con A ON	116.1	<u>8</u>
	<i>Well ID:</i> 1515427		
	lot 2 con A ON	138.1	<u>9</u>
	<i>Well ID:</i> 1514029		
	lot 3 ON	152.4	<u>12</u>
	<i>Well ID:</i> 1506598		
	5562 MANOTICK MAIN STREET lot 2 con A MANOTICK ON	168.4	<u>13</u>
	<i>Well ID:</i> 7165034		
	lot 3 ON	189.9	<u>15</u>
	<i>Well ID:</i> 1506493		
	1212. POTTER DR Ottawa ON	191.3	<u>16</u>
	<i>Well ID:</i> 7195522		
	1212 POTTER DRIVE MANOTICK ON	191.3	<u>16</u>
	<i>Well ID:</i> 7194536		
	lot 3 ON	195.7	<u>17</u>
	<i>Well ID:</i> 1511311		
	lot 3 ON	200.7	<u>21</u>
	<i>Well ID:</i> 1516567		
	lot 2 con A ON	204.0	<u>25</u>
	<i>Well ID:</i> 1517732		
	lot 3 ON	207.8	<u>29</u>
	<i>Well ID:</i> 1506485		

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 2 con A ON <i>Well ID:</i> 1516469	212.7	<u>31</u>
	lot 2 ON <i>Well ID:</i> 1514484	216.4	<u>32</u>
	lot 7 con 1 ON <i>Well ID:</i> 1511389	223.7	<u>35</u>
	lot 3 ON <i>Well ID:</i> 1506492	227.6	<u>37</u>
	lot 3 ON <i>Well ID:</i> 1506490	231.4	<u>40</u>
	lot 2 ON <i>Well ID:</i> 1506473	232.4	<u>41</u>
	lot 2 con A ON <i>Well ID:</i> 1516364	232.9	<u>42</u>
	lot 3 ON <i>Well ID:</i> 1506491	236.4	<u>43</u>
	lot 3 ON <i>Well ID:</i> 1516571	245.3	<u>44</u>
	lot 2 con A ON <i>Well ID:</i> 1517944	247.1	<u>46</u>



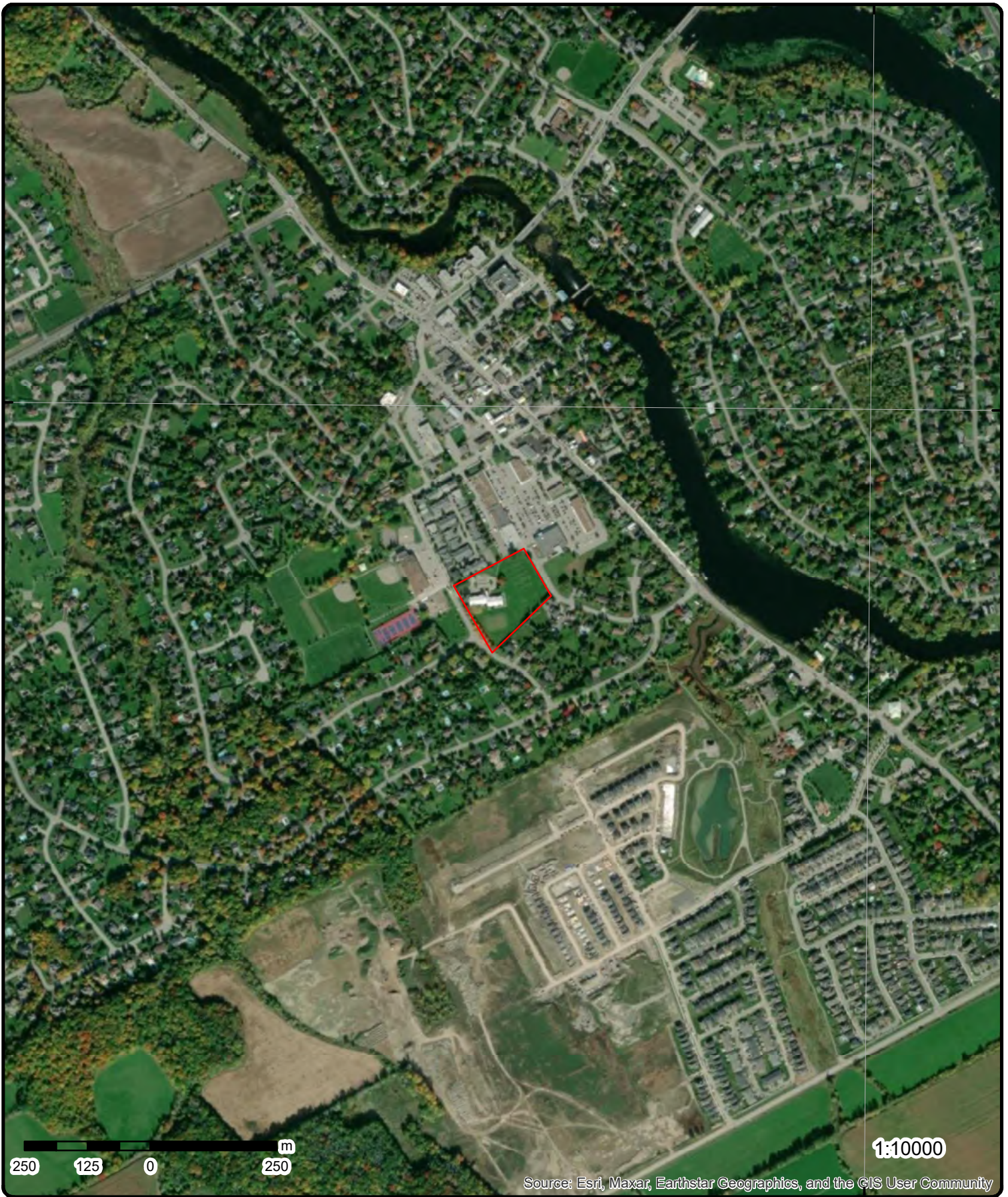
Map: 0.25 Kilometer Radius

Order Number: 22073100096

Address: 5581 Dr Leach Dr, Manotick, 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



Aerial Year: 2021

Order Number: 22073100096

Address: 5581 Dr Leach Dr, Manotick, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership

75°42'W

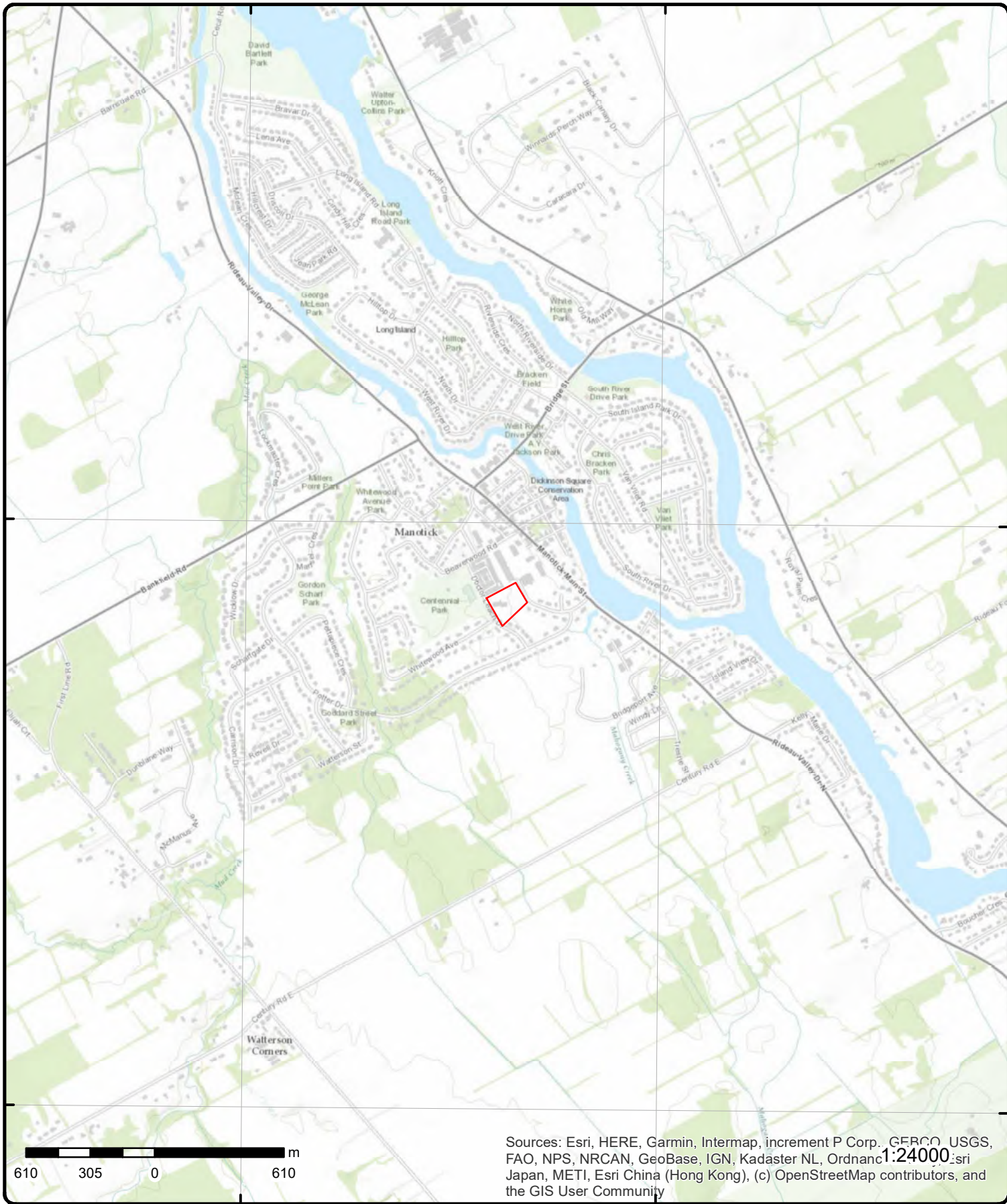
75°40'30"W

45°13'30"N

45°13'30"N

45°12'N

45°12'N



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community

Topographic Map

Order Number: 22073100096

Address: 5581 Dr Leach Dr, ON



Source: ESRI World Topographic Map

© ERIS Information Limited Partnership

Detail Report

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>1</u>	1 of 3	NNW/18.8	88.9 / -0.93	City of Ottawa - Village Walk STP 65 Village Walk Pvt Ottawa ON	NCPL
Year: 2007 Site Name: Facility Owner: Discharge Type: Municipal Private Sewage Sector: Sewage Municipal District Area: Ottawa Type of Concern: C of A/Permit Non-Compliance Contaminant: AMMONIA Status Report:					
<u>Details</u>					
Incident Date: 10/19/2007 Exceedance Start Date: 10/19/2007 Exceedance End Date: 10/23/2007 Limit/Unit/Freq: 1 mg/L Quantity Min/Max: 1.33/4.33 Facility Action: Action Plan Submitted - Implementing Improvements Ministry Action: Voluntary Abatement Program Underway					
<u>1</u>	2 of 3	NNW/18.8	88.9 / -0.93	City of Ottawa - Village Walk STP 65 Village Walk Pvt Ottawa ON	NCPL
Year: 2007 Site Name: Facility Owner: Discharge Type: Municipal Private Sewage Sector: Sewage Municipal District Area: Ottawa Type of Concern: C of A/Permit Non-Compliance Contaminant: PHOSPHORUS Status Report:					
<u>Details</u>					
Incident Date: 12/31/2007 Exceedance Start Date: 12/1/2007 Exceedance End Date: 12/31/2007 Limit/Unit/Freq: 0.04 mg/L Quantity Min/Max: 0.062/0.062 Facility Action: Action Plan Submitted - Implementing Improvements Ministry Action: Voluntary Abatement Program Underway					
<u>1</u>	3 of 3	NNW/18.8	88.9 / -0.93	City of Ottawa - Village Walk Sewage Treatment Plant 65 Village Walk Pvt Ottawa ON	NCPL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Year:		2008			
Site Name:					
Facility Owner:					
Discharge Type:		Private Sewage			
Sector:		Municipal Sewage			
District Area:		Ottawa			
Type of Concern:		CofA/Permit Non-Compliance			
Contaminant:		PHOSPHORUS			
Status Report:					
Details					
Incident Date:		2/29/2008			
Exceedance Start Date:		1/1/2008			
Exceedance End Date:		2/29/2008			
Limit/Unit/Freq:		0.04 mg/L			
Quantity Min/Max:		0.1/0.1			
Facility Action: Action Plan Submitted - Implementing Improvements, Equipment Modified, Repaired, Replaced or Re-calibrated & Operational Process Modification					
Ministry Action: Assessment Complete - Incident Resolved & Other Abatement Action Taken					

2	1 of 1	ESE/21.0	89.2 / -0.69	ENBRIDGE GAS INC 5598 EASTMAN AVE,,MANOTICK,ON,K4M 1E2, CA ON	PINC
Incident Id:		Pipe Material:			
Incident No:		2958376			
Incident Reported Dt:		11/10/2020			
Type:		FS-Pipeline Incident			
Status Code:		Non Mandated			
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:					
Fuel Occurrence Tp:		Pipe Material:			
Date of Occurrence:		Fuel Category:			
Occurrence Start Dt:		Health Impact:			
Depth:		Environment Impact:			
Customer Acct Name:		Property Damage:			
Incident Address:		Service Interrupt:			
Operation Type:		Enforce Policy:			
Pipeline Type:		Public Relation:			
Regulator Type:		Pipeline System:			
Summary:		PSIG:			
Reported By:		Attribute Category:			
Affiliation:		Regulator Location:			
Occurrence Desc:		Method Details:			
Damage Reason:					
Notes:					

3	1 of 1	WNW/51.8	89.9 / 0.00	ON	WWIS
Well ID:		7373237			
Construction Date:					
Use 1st:		Flowing (Y/N):			
Use 2nd:		Flow Rate:			
Final Well Status:		Data Entry Status: Yes			
Water Type:		Data Src:			
Casing Material:		Date Received: 23-Nov-2020 00:00:00			
Audit No:		Z340904			
		Selected Flag: TRUE			
		Abandonment Rec:			
		Contractor: 1844			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tag:	A267575			Form Version: 7	
Constructn Method:				Owner:	
Elevation (m):				County: OTTAWA	
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:					

Bore Hole Information

Bore Hole ID:	1008509989	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446152.00
Code OB Desc:		North83:	5007860.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	08-Jul-2019 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Links

Bore Hole ID:	1008509989	Tag No:	A267575
Depth M:		Contractor:	1844
Year Completed:	2019	Path:	
Well Completed Dt:	2019/07/08	Latitude:	45.2221705256781
Audit No:	Z340904	Longitude:	-75.6858735304943

4 1 of 34 NE/69.9 89.8 / -0.03 QUALITY CLEANERS 1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2 GEN

Generator No:	ON1250600	Status:	
SIC Code:	812320	Co Admin:	
SIC Description:	Dry Cleaning & Laundry Serv. (exc. Coin-Op.)	Choice of Contact:	
Approval Years:	02,03,04,05,06,07,08	Phone No Admin:	
PO Box No:		Contam. Facility:	
Country:		MHSW Facility:	

Detail(s)

Waste Class:	241
Waste Class Desc:	HALOGENATED SOLVENTS

4 2 of 34 NE/69.9 89.8 / -0.03 ROBINSON'S FOODMARKETS INC 1160 BEAVERWOOD RD BOX 517 MANOTICK ON K4M1A5 PES

Detail Licence No:		Operator Box:	
Licence No:		Operator Class:	
Status:		Operator No:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Date: Report Source: Licence Type: Limited Vendor Licence Type Code: 23 Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL: PDF Site Location:				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:	
4	3 of 34	NE/69.9	89.8 / -0.03	ROBINSON'S FOODMARKETS INC 1160 BEAVERWOOD RD MANOTICK ON K4M1A5	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Vendor Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL: PDF Site Location:				Operator Box: 517 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:	
4	4 of 34	NE/69.9	89.8 / -0.03	QUALITY CLEANERS 1160 BEAVERWOOD ROAD OTTAWA ON	GEN
Generator No: ON1250600 SIC Code: 812320 SIC Description: Dry Cleaning and Laundry Services (except Coin-Operated) Approval Years: 2009 PO Box No: Country:				Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: 241 Waste Class Desc: HALOGENATED SOLVENTS					
4	5 of 34	NE/69.9	89.8 / -0.03	QUALITY CLEANERS 1160 BEAVERWOOD ROAD	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
OTTAWA ON					
Generator No:	ON1250600			Status:	
SIC Code:	812320			Co Admin:	
SIC Description:	Dry Cleaning and Laundry Services (except Coin-Operated)			Choice of Contact:	
Approval Years:	2010			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
<u>4</u>	6 of 34	NE/69.9	89.8 / -0.03	Caremedics Manotick Inc 1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	GEN
Generator No:	ON3482997			Status:	
SIC Code:	621110			Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	2011			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>4</u>	7 of 34	NE/69.9	89.8 / -0.03	Parson Refrigeration (1985) Ltd. 1160 Beaverwood Rd, Manotick Ottawa ON	SPL
Ref No:	4740-96CRP5			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	01-APR-13			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Leak/Break			Sector Type:	Other
Incident Event:				Agency Involved:	
Contaminant Code:	38			Nearest Watercourse:	
Contaminant Name:	REFRIGERANT GAS, N.O.S.			Site Address:	1160 Beaverwood Rd, Manotick
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Not Anticipated			Site Municipality:	Ottawa
Nature of Impact:	Air Pollution			Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	No Field Response			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	01-APR-13			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	Air Spills - Gases and Vapours
Incident Reason:	Equipment Failure			Source Type:	
Site Name:	Robinson's Independant Grocer<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	Robinson's Refrigeration R507 to atomosphere				
Contaminant Qty:	181.4 kg				
<u>4</u>	8 of 34	NE/69.9	89.8 / -0.03	Caremedics Manotick Inc 1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	GEN
Generator No:	ON3482997			Status:	

Map Key	Number of Records	Direction/Distance (m)	Elev/Diff (m)	Site	DB
SIC Code: 621110 SIC Description: Offices of Physicians Approval Years: 2012 PO Box No: Country:				Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
4	9 of 34	NE/69.9	89.8 / -0.03	Caremedics Manotick Inc 1160 Beaverwood Road, Unit 2 Manotick ON	GEN
Generator No: ON3482997 SIC Code: 621110 SIC Description: OFFICES OF PHYSICIANS Approval Years: 2013 PO Box No: Country:				Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
Detail(s)					
Waste Class: 312 Waste Class Desc: PATHOLOGICAL WASTES					
4	10 of 34	NE/69.9	89.8 / -0.03	QUALITY CLEANERS 1160 BEAVERWOOD ROAD OTTAWA ON	GEN
Generator No: ON1250600 SIC Code: 812320 SIC Description: DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED) Approval Years: 2013 PO Box No: Country:				Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
Detail(s)					
Waste Class: 241 Waste Class Desc: HALOGENATED SOLVENTS					
4	11 of 34	NE/69.9	89.8 / -0.03	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: PDF Site Location:				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:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	12 of 34	NE/69.9	89.8 / -0.03	Caremedics Manotick Inc. 1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	GEN
Generator No:	ON2574199			Status:	
SIC Code:	621110			Co Admin:	Ashely West
SIC Description:	OFFICES OF PHYSICIANS			Choice of Contact:	CO_OFFICIAL
Approval Years:	2016			Phone No Admin:	613-692-0244 Ext.
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
4	13 of 34	NE/69.9	89.8 / -0.03	Rexall Pharmacy Group Ltd. 1160 Beaverwood Rd Manotick ON K4M 1A3	GEN
Generator No:	ON2849411			Status:	
SIC Code:	446110			Co Admin:	Erik Botines
SIC Description:	446110			Choice of Contact:	CO_ADMIN
Approval Years:	2016			Phone No Admin:	9055017800 Ext.
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
<u>Detail(s)</u>					
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
4	14 of 34	NE/69.9	89.8 / -0.03	QUALITY CLEANERS 1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	GEN
Generator No:	ON1250600			Status:	
SIC Code:	812320			Co Admin:	
SIC Description:	DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)			Choice of Contact:	CO_OFFICIAL
Approval Years:	2016			Phone No Admin:	
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
<u>Detail(s)</u>					
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
4	15 of 34	NE/69.9	89.8 / -0.03	QUALITY CLEANERS 1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	GEN
Generator No:	ON1250600			Status:	
SIC Code:	812320			Co Admin:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:	DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)			Choice of Contact: CO_OFFICIAL	
Approval Years:	2015			Phone No Admin:	
PO Box No:				Contam. Facility: No	
Country:	Canada			MHSW Facility: No	
<u>Detail(s)</u>					
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				
<u>4</u>	16 of 34	NE/69.9	89.8 / -0.03	Pharmx Rexall Drug Stores Ltd. 1160 Beaverwood Rd Manotick ON K4M 1A3	GEN
Generator No:	ON2849411			Status:	
SIC Code:	446110			Co Admin: Erik Botines	
SIC Description:	446110			Choice of Contact: CO_ADMIN	
Approval Years:	2015			Phone No Admin: 9055017800 Ext.	
PO Box No:				Contam. Facility: No	
Country:	Canada			MHSW Facility: No	
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
<u>4</u>	17 of 34	NE/69.9	89.8 / -0.03	Caremedics Manotick Inc 1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	GEN
Generator No:	ON3482997			Status:	
SIC Code:	621110			Co Admin: Mona Mansour	
SIC Description:	OFFICES OF PHYSICIANS			Choice of Contact: CO_OFFICIAL	
Approval Years:	2015			Phone No Admin: 6136920244 Ext.	
PO Box No:				Contam. Facility: No	
Country:	Canada			MHSW Facility: No	
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
<u>4</u>	18 of 34	NE/69.9	89.8 / -0.03	QUALITY CLEANERS 1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	GEN
Generator No:	ON1250600			Status:	
SIC Code:	812320			Co Admin:	
SIC Description:	DRY CLEANING AND LAUNDRY SERVICES (EXCEPT COIN-OPERATED)			Choice of Contact: CO_OFFICIAL	
Approval Years:	2014			Phone No Admin:	
PO Box No:				Contam. Facility: No	
Country:	Canada			MHSW Facility: No	
<u>Detail(s)</u>					
Waste Class:	241				
Waste Class Desc:	HALOGENATED SOLVENTS				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	19 of 34	NE/69.9	89.8 / -0.03	Caremedics Manotick Inc 1160 Beaverwood Road, Unit 2 Manotick ON K4M 1L6	GEN
Generator No:	ON3482997			Status:	
SIC Code:	621110			Co Admin:	Mona Mansour
SIC Description:	OFFICES OF PHYSICIANS			Choice of Contact:	CO_OFFICIAL
Approval Years:	2014			Phone No Admin:	6136920244 Ext.
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
4	20 of 34	NE/69.9	89.8 / -0.03	Pharmx Rexall Drug Stores Ltd. 1160 Beaverwood Rd Manotick ON K4M 1A3	GEN
Generator No:	ON2849411			Status:	
SIC Code:	446110			Co Admin:	Aaron Schrama
SIC Description:	446110			Choice of Contact:	CO_ADMIN
Approval Years:	2014			Phone No Admin:	9055025965 Ext.6280
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
4	21 of 34	NE/69.9	89.8 / -0.03	Rexall Pharmacy Group Ltd. 1160 Beaverwood Rd Manotick ON K4M 1A3	GEN
Generator No:	ON2849411			Status:	Registered
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Dec 2018			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:	261 A				
Waste Class Desc:	Pharmaceuticals				
Waste Class:	312 P				
Waste Class Desc:	Pathological wastes				
4	22 of 34	NE/69.9	89.8 / -0.03	Caremedics Manotick Inc. 1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	GEN
Generator No:	ON2574199			Status:	Registered
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Dec 2018			Phone No Admin:	
PO Box No:				Contam. Facility:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Country: Canada		MHSW Facility:			
<u>Detail(s)</u>					
Waste Class: 312 P					
Waste Class Desc: Pathological wastes					

4	23 of 34	NE/69.9	89.8 / -0.03	QUALITY CLEANERS 1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	GEN
Generator No: ON1250600		Status: Registered			
SIC Code:		Co Admin:			
SIC Description:		Choice of Contact:			
Approval Years: As of Dec 2018		Phone No Admin:			
PO Box No:		Contam. Facility:			
Country: Canada		MHSW Facility:			

<u>Detail(s)</u>					
Waste Class: 241 H					
Waste Class Desc: Halogenated solvents and residues					

4	24 of 34	NE/69.9	89.8 / -0.03	LOBLAWS INC. O/A MANOTICK YOUR INDEPENDENT GROCER 1160 BEAVERWOOD RD MANOTICK ON K4M1A5	PES
Detail Licence No:		Operator Box:			
Licence No: 18426		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:					
PDF Site Location:					

4	25 of 34	NE/69.9	89.8 / -0.03	Quality Cleaners 1160 Beaverwood Rd Manotick ON K4M1A2	CDRY
Legal Name of Company:					
Region:					
<u>Contact Info (2016)</u>					
Postal Address: 1160 Beaverwood Rd					
Postal City: Manotick					
Postal Province: ON					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Postal Postal Code:		K4M1A2			
Telephone No:					
Fax No:					
Email Address:					
<u>Waste Quantity by Year</u>					
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			
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			

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

<u>4</u>	26 of 34	NE/69.9	89.8 / -0.03	Quality Cleaners 1160 Beaverwood Rd Manotick ON K4M1A2	CDRY
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Legal Name of Company:
Region:

Waste Quantity by Year

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:

<u>4</u>	27 of 34	NE/69.9	89.8 / -0.03	ROBINSON'S FOODMARKETS INC 1160 BEAVERWOOD RD MANOTICK ON K4M1A5	PES
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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:

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

4	28 of 34	NE/69.9	89.8 / -0.03	2626693 ONTARIO INC. O/A MCDONOUGH'S YOUR INDEPENDENT GROCER 1160 BEAVERWOOD RD. MANOTICK ON	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: PDF Site Location:	18624	Legacy Licenses (Excluding TS) Limited Vendor		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 6922828

4	29 of 34	NE/69.9	89.8 / -0.03	Rexall Pharmacy Group Ltd. 1160 Beaverwood Rd Manotick ON K4M 1A3	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country:	ON2849411	As of Jul 2020	Canada	Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	Registered
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	261 A	Pharmaceuticals			
Waste Class: Waste Class Desc:	312 P	Pathological wastes			

4	30 of 34	NE/69.9	89.8 / -0.03	Caremedics Manotick Inc. 1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	GEN
Generator No: SIC Code:	ON2574199			Status: Co Admin:	Registered

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description: Approval Years: As of Jul 2020 PO Box No: Country: Canada				Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: 312 P Waste Class Desc: Pathological wastes					
4	31 of 34	NE/69.9	89.8 / -0.03	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: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: 241 H Waste Class Desc: Halogenated solvents and residues					
4	32 of 34	NE/69.9	89.8 / -0.03	Caremedics Manotick Inc. 1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	GEN
Generator No: ON2574199 SIC Code: SIC Description: Approval Years: As of Nov 2021 PO Box No: Country: Canada				Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: 312 P Waste Class Desc: Pathological wastes					
4	33 of 34	NE/69.9	89.8 / -0.03	Rexall Pharmacy Group Ltd. 1160 Beaverwood Rd Manotick ON K4M 1A3	GEN
Generator No: ON2849411 SIC Code: SIC Description: Approval Years: As of Nov 2021 PO Box No: Country: Canada				Status: Registered Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: 312 P Waste Class Desc: Pathological wastes					
Waste Class: 261 A Waste Class Desc: Pharmaceuticals					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
4	34 of 34	NE/69.9	89.8 / -0.03	QUALITY CLEANERS 1160 BEAVERWOOD ROAD OTTAWA ON K4M 1A2	GEN
Generator No:	ON1250600			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Nov 2021			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:	241 H				
Waste Class Desc:	Halogenated solvents and residues				
5	1 of 8	N/75.8	88.9 / -1.00	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:					
PDF Site Location:					
5	2 of 8	N/75.8	88.9 / -1.00	1160D Beaverwood Drive, Manotick ON	INC
Incident No:	441918			Any Health Impact:	
Incident ID:	2593728			Any Enviro Impact:	
Instance No:				Service Interrupted:	
Status Code:	Causal Analysis Complete			Was Prop Damaged:	
Attribute Category:	FS-Incident			Reside App. Type:	
Context:				Commer App. Type:	
Date of Occurrence:				Indus App. Type:	
Time of Occurrence:				Institut App. Type:	
Incident Created On:				Venting Type:	
Instance Creation Dt:				Vent Conn Mater:	
Instance Install Dt:				Vent Chimney Mater:	
Occur Insp Start Date:				Pipeline Type: Service / Riser Distribution Pipeline	
Approx Quant Rel:				Pipeline Involved:	
Tank Capacity:				Pipe Material: Plastic	
Fuels Occur Type:				Depth Ground Cover: 0.8	
Fuel Type Involved:				Regulator Location: Outside	
Enforcement Policy:				Regulator Type: Service Regulator (up to 60 psi intake)	
Prc Escalation Req:				Operation Pressure: 65	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				Liquid Prop Make: Liquid Prop Model: Liquid Prop Serial No: Liquid Prop Notes: Equipment Type: Equipment Model: Serial No: Cylinder Capacity: Cylinder Cap Units: Cylinder Mat Type: Near Body of Water:	
				Tank Material Type: Tank Storage Type: Tank Location Type: Pump Flow Rate Cap: Task No: Notes: Drainage System: Sub Surface Contam.: Aff Prop Use Water: Contam. Migrated: Contact Natural Env: Incident Location: Occurrence Narrative: Operation Type Involved: Item: Item Description: Device Installed Location:	
		1160D Beaverwood Drive, Manotick - 1		1/4" Pipeline Hit	
			1.25" main.		

<u>5</u>	3 of 8	N/75.8	88.9 / -1.00	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				

<u>5</u>	4 of 8	N/75.8	88.9 / -1.00	MANOTICK HARDWARE LIMITED 1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M 1A8	PES
Detail Licence No:				Operator Box:	
Licence No:				Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:				Oper Area Code:	
Licence Type:	Vendor			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:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Concession: Region: District: County: Trade Name: PDF URL: PDF Site Location:					
5	5 of 8	N/75.8	88.9 / -1.00	2485368 ONTARIO INC O/A MANOTICK HOME HARDWARE 1166 BEAVERWOOD RD MANOTICK ON K4M1A8	PES
Detail Licence No: Licence No: 17755 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: Limited Vendor Licence Type Code: 23 Licence Class: 01 Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL: PDF Site Location:					
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:					
5	6 of 8	N/75.8	88.9 / -1.00	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: Limited Vendor Licence Type Code: 23 Licence Class: 01 Licence Control: 0 Latitude: Longitude: Lot: Concession: Region: 4 District: 2 County: 15 Trade Name: PDF URL: PDF Site Location:					
Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 613 Oper Phone No: 6923591 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:					
5	7 of 8	N/75.8	88.9 / -1.00	1799598 ONTARIO LIMITED O/A MANOTICK HOME HARDWARE	PES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				1166 BEAVERWOOD RD, PO BOX 970 MANOTICK ON K4M1A8	
Detail Licence No:				Operator Box:	
Licence No:	05505			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:	6923591
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:					
PDF Site Location:					

5	8 of 8	N/75.8	88.9 / -1.00	2485368 ONTARIO INC. 1166 Beaverwood RD Manotick ON K4M 1A8	PES
Detail Licence No:				Operator Box:	
Licence No:	L-232-1110378933			Operator Class:	
Status:	Active			Operator No:	
Approval Date:	2020-11-03			Operator Type:	
Report Source:	PEST-Limited Vendor			Oper Area Code:	
Licence Type:	Limited Vendor			Oper Phone No:	
Licence Type Code:				Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:	45.22305556			Operator Region:	
Longitude:	-75.68444444			Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	Ottawa
County:				SWP Area Name:	Rideau Valley
Trade Name:					
PDF URL:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2300080				
PDF Site Location:					

6	1 of 10	WNW/76.4	90.2 / 0.31	5572 Doctor Leach Drive, Manotick Ottawa ON K4M 1C8	SPL
Ref No:	4041-A58RMQ			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	12/15/2015			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:				Sector Type:	Miscellaneous Communal
Incident Event:				Agency Involved:	
Contaminant Code:	35			Nearest Watercourse:	
Contaminant Name:	NATURAL GAS (METHANE)			Site Address:	5572 Doctor Leach Drive, Manotick
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	K4M 1C8
Contaminant UN No 1:				Site Region:	Ottawa
Environment Impact:				Site Municipality:	Ottawa

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Nature of Impact: Receiving Medium: Receiving Env: MOE Response: No Dt MOE Arvl on Scn: 12/15/2015 MOE Reported Dt: Dt Document Closed:				Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: TSSA - Fuel Safety Branch - Hydrocarbon Fuel Release/Spill	
Incident Reason: Operator/Human Error Site Name: Manotick Arena & Community Centre<UNOFFICIAL> Site County/District: Site Geo Ref Meth: Incident Summary: TSSA - Enbridge, 1 inch plastic line damage, made safe Contaminant Qty: 0 other - see incident description				Source Type:	

<u>6</u>	2 of 10	WNW/76.4	90.2 / 0.31	City of Ottawa 5572 Dr. Leach Drive Ottawa ON K4M 1C8	GEN
Generator No:	ON7586787	SIC Code:	913910	Status:	
SIC Description:	913910	Co Admin:	Barry W Reaney	Choice of Contact:	CO_ADMIN
Approval Years:	2016	Phone No Admin:	613-692-4772 Ext.	Contam. Facility:	No
PO Box No:		MHSW Facility:	No		
Country:	Canada				

Detail(s)

Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	145
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES

<u>6</u>	3 of 10	WNW/76.4	90.2 / 0.31	City of Ottawa 5572 Dr. Leach Drive Ottawa ON K4M 1C8	GEN
Generator No:	ON7586787	SIC Code:	913910	Status:	
SIC Description:	913910	Co Admin:	Barry W Reaney	Choice of Contact:	CO_ADMIN
Approval Years:	2015	Phone No Admin:	613-692-4772 Ext.	Contam. Facility:	No
PO Box No:		MHSW Facility:	No		
Country:	Canada				

Detail(s)

Waste Class:	112
Waste Class Desc:	ACID WASTE - HEAVY METALS
Waste Class:	251
Waste Class Desc:	OIL SKIMMINGS & SLUDGES
Waste Class:	252
Waste Class Desc:	WASTE OILS & LUBRICANTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
<u>6</u>	4 of 10	WNW/76.4	90.2 / 0.31	City of Ottawa 5572 Dr. Leach Drive Ottawa ON K4M 1C8	GEN
Generator No:	ON7586787			Status:	
SIC Code:	913910			Co Admin:	Barry W Reaney
SIC Description:	913910			Choice of Contact:	CO_ADMIN
Approval Years:	2014			Phone No Admin:	613-692-4772 Ext.
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		112			
Waste Class Desc:		ACID WASTE - HEAVY METALS			
<u>6</u>	5 of 10	WNW/76.4	90.2 / 0.31	City of Ottawa 5572 Dr. Leach Drive Ottawa ON K4M 1C8	GEN
Generator No:	ON7586787			Status:	Registered
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Dec 2018			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		112 C			
Waste Class Desc:		Acid solutions - containing heavy metals			
Waste Class:		145 H			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		145 L			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		251 L			
Waste Class Desc:		Waste oils/sludges (petroleum based)			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
<u>6</u>	6 of 10	WNW/76.4	90.2 / 0.31	Rideau Elevator Services Inc. 5572 DR LEACH DRIVE MANOTICK ON K4M 1C8	GEN
Generator No:	ON4519756			Status:	Registered
SIC Code:				Co Admin:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description: Approval Years: As of Dec 2017 PO Box No: Country: Canada				Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: 251 L Waste Class Desc: Waste oils/sludges (petroleum based)					
<u>6</u>	7 of 10	WNW/76.4	90.2 / 0.31	City of Ottawa 5572 Dr. Leach Drive Ottawa ON K4M 1C8	GEN
Generator No: ON7586787 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: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: 112 C Waste Class Desc: Acid solutions - containing heavy metals					
Waste Class: 251 L Waste Class Desc: Waste oils/sludges (petroleum based)					
Waste Class: 145 H Waste Class Desc: Wastes from the use of pigments, coatings and paints					
Waste Class: 252 L Waste Class Desc: Waste crankcase oils and lubricants					
Waste Class: 145 L Waste Class Desc: Wastes from the use of pigments, coatings and paints					
<u>6</u>	8 of 10	WNW/76.4	90.2 / 0.31	City of Ottawa 5572 Dr Leach Dr Manotick ON K4M 1C8	GEN
Generator No: ON7572788 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: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: 221 L Waste Class Desc: Light fuels					
<u>6</u>	9 of 10	WNW/76.4	90.2 / 0.31	City of Ottawa 5572 Dr. Leach Drive Ottawa ON K4M 1C8	GEN
Generator No: ON7586787 SIC Code: SIC Description:				Status: Registered Co Admin: Choice of Contact:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: PO Box No: Country:	As of Nov 2021 Canada			Phone No Admin: Contam. Facility: MHSW Facility:	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	252 L Waste crankcase oils and lubricants				
Waste Class: Waste Class Desc:	331 I Waste compressed gases including cylinders				
Waste Class: Waste Class Desc:	148 C Misc. wastes and inorganic chemicals				
Waste Class: Waste Class Desc:	263 I Misc. waste organic chemicals				
Waste Class: Waste Class Desc:	112 C Acid solutions - containing heavy metals				
Waste Class: Waste Class Desc:	145 L Wastes from the use of pigments, coatings and paints				
Waste Class: Waste Class Desc:	269 L Organic non-halogenated pesticide and herbicide wastes				
Waste Class: Waste Class Desc:	251 L Waste oils/sludges (petroleum based)				
Waste Class: Waste Class Desc:	263 L Misc. waste organic chemicals				
Waste Class: Waste Class Desc:	145 H Wastes from the use of pigments, coatings and paints				

6	10 of 10	WNW/76.4	90.2 / 0.31	City of Ottawa 5572 Dr Leach Dr Manotick ON K4M 1C8	GEN
Generator No: SIC Code: SIC Description: Approval Years: PO Box No: Country:	ON7572788 As of Jan 2021 Canada			Status: Co Admin: Choice of Contact: Phone No Admin: Contam. Facility: MHSW Facility:	Registered

<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	221 L Light fuels				

7	1 of 2	WNW/83.1	89.9 / 0.06	City of Ottawa Ottawa ON K1J 1A6	ECA
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type:	0176-5VSPB5 2004-04-27 Approved ECA IDS Rideau Valley ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS			MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	Ottawa -75.6859 45.222485

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Project Type:		MUNICIPAL AND PRIVATE SEWAGE WORKS			
Business Name:		City of Ottawa			
Address:					
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/6462-5TESLF-14.pdf			
PDF Site Location:					

7	2 of 2	WNW/83.1	89.9 / 0.06	City of Ottawa Ottawa ON	ECA
Approval No:		0931-5LGSQC		MOE District: Ottawa	
Approval Date:		2003-04-29		City:	
Status:		Approved		Longitude: -75.6859	
Record Type:		ECA		Latitude: 45.222485	
Link Source:		IDS		Geometry X:	
SWP Area Name:		Rideau Valley		Geometry Y:	
Approval Type:		ECA-AIR			
Project Type:		AIR			
Business Name:		City of Ottawa			
Address:					
Full Address:					
Full PDF Link:		https://www.accessenvironment.ene.gov.on.ca/instruments/3495-5KQKBX-14.pdf			
PDF Site Location:					

8	1 of 1	WNW/116.1	89.8 / -0.08	lot 2 con A ON	WWIS
Well ID:		1515427		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-Jul-1976 00:00:00	
Water Type:				Selected Flag: TRUE	
Casing Material:				Abandonment Rec:	
Audit No:				Contractor: 3644	
Tag:				Form Version: 1	
Constructn Method:				Owner:	
Elevation (m):				County: OTTAWA	
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\1515427.pdf			

Additional Detail(s) (Map)

Well Completed Date:	1976/02/09
Year Completed:	1976
Depth (m):	16.4592
Latitude:	45.222726961382
Longitude:	-75.6861502530177
Path:	151\1515427.pdf

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10037374			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	446130.80
Code OB Desc:				North83:	5007922.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	09-Feb-1976 00:00:00			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931029154				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	11				
Mat2 Desc:	GRAVEL				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	4.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931029155				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	4.0				
Formation End Depth:	54.0				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961515427				
Method Construction Code:	5				
Method Construction:	Air Percussion				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10585944				

<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>
<i>Casing No:</i>	1				
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>	930065978				
<i>Layer:</i>	1				
<i>Material:</i>	1				
<i>Open Hole or Material:</i>	STEEL				
<i>Depth From:</i>					
<i>Depth To:</i>	25.0				
<i>Casing Diameter:</i>	6.0				
<i>Casing Diameter UOM:</i>	inch				
<i>Casing Depth UOM:</i>	ft				
<u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>	991515427				
<i>Pump Set At:</i>					
<i>Static Level:</i>	8.0				
<i>Final Level After Pumping:</i>	30.0				
<i>Recommended Pump Depth:</i>	30.0				
<i>Pumping Rate:</i>	10.0				
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>	10.0				
<i>Levels UOM:</i>	ft				
<i>Rate UOM:</i>	GPM				
<i>Water State After Test Code:</i>	2				
<i>Water State After Test:</i>	CLOUDY				
<i>Pumping Test Method:</i>	1				
<i>Pumping Duration HR:</i>	1				
<i>Pumping Duration MIN:</i>	0				
<i>Flowing:</i>	No				
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>	934895553				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	60				
<i>Test Level:</i>	30.0				
<i>Test Level UOM:</i>	ft				
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>	934646845				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	45				
<i>Test Level:</i>	30.0				
<i>Test Level UOM:</i>	ft				
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>	934100906				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	15				
<i>Test Level:</i>	30.0				
<i>Test Level UOM:</i>	ft				
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		934376970			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		30.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933471517			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		50.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10037374		Tag No:	
Depth M:		16.4592		Contractor:	3644
Year Completed:		1976		Path:	151\1515427.pdf
Well Completed Dt:		1976/02/09		Latitude:	45.222726961382
Audit No:				Longitude:	-75.6861502530177

<u>9</u>	1 of 1	WNW/138.1	91.2 / 1.27	lot 2 con A ON	WWIS
Well ID:		1514029		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:	27-May-1974 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3658
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA
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\1514029.pdf			

Additional Detail(s) (Map)

Well Completed Date:	1974/03/08
Year Completed:	1974
Depth (m):	38.1
Latitude:	45.2226603569139
Longitude:	-75.6867481062092
Path:	151\1514029.pdf

Bore Hole Information

Bore Hole ID:	10036011	Elevation:	
DP2BR:		Elevrc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Spatial Status:				Zone:	18
Code OB:				East83:	446083.80
Code OB Desc:				North83:	5007915.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	08-Mar-1974 00:00:00			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Overburden and Bedrock

Materials Interval

Formation ID: 931025137
Layer: 4
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 88.0
Formation End Depth: 125.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931025134
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: 3.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931025136
Layer: 3
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 88.0

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:		931025135			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:		15			
Mat2 Desc:		LIMESTONE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		3.0			
Formation End Depth:		8.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961514029			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10584581			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930063617			
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:		930063616			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991514029			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Set At:					
Static Level:		8.0			
Final Level After Pumping:		75.0			
Recommended Pump Depth:		75.0			
Pumping Rate:		30.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934899747					
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		75.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934381284					
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		75.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934099792					
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		75.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934641859					
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		75.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID: 933469806					
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		122.0			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID: 933469805					
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind Code: Kind: Water Found Depth: Water Found Depth UOM:		1 FRESH 85.0 ft			
Links					
Bore Hole ID: Depth M: Year Completed: Well Completed Dt: Audit No:		10036011 38.1 1974 1974/03/08		Tag No: Contractor: Path: Latitude: Longitude:	
				3658 151\1514029.pdf 45.2226603569139 -75.6867481062092	
10	1 of 1	E/138.3	90.3 / 0.47	1161 Gaddis Court, Manotick ON	PINC
Incident Id: Incident No: Incident Reported Dt: Type: Status Code: Tank Status: Task No: Spills Action Centre: Fuel Type: Fuel Occurrence Tp: Date of Occurrence: Occurrence Start Dt: Depth: Customer Acct Name: Incident Address: Operation Type: Pipeline Type: Regulator Type: Summary: Reported By: Affiliation: Occurrence Desc: Damage Reason: Notes:		836030 FS-Pipeline Incident Pipeline Damage Reason Est RC Established 3887299 FS-Perform P-line Inc Invest 2012/07/04 Excavation practices not sufficient		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:	
				Natural Gas Yes Yes E-mail	
11	1 of 1	WSW/148.9	89.9 / 0.00	Whitewood Avenue, 225 SW of Dr Leach Drive Manotick ON K4M 1E1	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		21041300254 C Custom Report 20-APR-21 13-APR-21 225m of roadway along Whitewood Ave from Dr Leach Drive		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	
				Manotick ON .25 -75.68639321 45.22021413	
12	1 of 1	NE/152.4	94.9 / 5.02	lot 3 ON	WWIS
Well ID: Construction Date: Use 1st: Use 2nd:		1506598 Domestic 0		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src:	
				1	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Final Well Status:	Water Supply			Date Received:	13-Aug-1951 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3566
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA
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\1506598.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		1951/07/12			
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:		12-Jul-1951 00:00:00		UTMRC Desc:	unknown UTM
Remarks:				Location Method:	p9
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock 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>Overburden and Bedrock 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 Materials Interval</u>					
Formation ID:		931004947			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		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 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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		20.0			
Formation End Depth:		80.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
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:		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>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>Results of Well Yield Testing</u>					
Pump Test ID:		991506598			
Pump Set At:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			

Water Details

Water ID: 933460759
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 82.0
Water Found Depth UOM: ft

Links

Bore Hole ID:	10028634	Tag No:	
Depth M:	47.5488	Contractor:	3566
Year Completed:	1951	Path:	150\1506598.pdf
Well Completed Dt:	1951/07/12	Latitude:	45.2232460459584
Audit No:		Longitude:	-75.6821441979633

13	1 of 1	NNE/168.4	91.2 / 1.32	5562 MANOTICK MAIN STREET lot 2 con A MANOTICK ON	WWIS
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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:	12-Jul-2011 00:00:00
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
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/716\7165034.pdf		

Additional Detail(s) (Map)

Well Completed Date: 2011/04/14
Year Completed: 2011

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth (m):		4.07			
Latitude:		45.2239586737402			
Longitude:		-75.6833984597171			
Path:		716\7165034.pdf			

Bore Hole Information

Bore Hole ID:	1003531832	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446348.00
Code OB Desc:		North83:	5008057.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	14-Apr-2011 00:00:00	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	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

Overburden and Bedrock

Materials Interval

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

Overburden and Bedrock

Materials Interval

Formation ID:	1003858633
Layer:	4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<u>Overburden and Bedrock</u>					
<u>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>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1003858642			
Layer:		3			
Plug From:		1.2000000476837158			
Plug To:		3.8499999046325684			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1003858643			
Layer:		4			
Plug From:		3.8499999046325684			
Plug To:		4.070000171661377			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1003858640			
Layer:		1			
Plug From:		0.0			
Plug To:		0.25			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1003858641			
Layer:		2			
Plug From:		0.25			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:		1.2000000476837158			
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			
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Links					
Bore Hole ID:	1003531832			Tag No: A108238	
Depth M:	4.07			Contractor: 6964	
Year Completed:	2011			Path: 716\7165034.pdf	
Well Completed Dt:	2011/04/14			Latitude: 45.2239586737402	
Audit No:	Z127823			Longitude: -75.6833984597171	
14	1 of 2	NNW/189.3	87.8 / -2.09	ROBINSON'S FOODMARKETS INC. 1160 JOHN STREET MANOTICK ON K4M 1A3	PES
Detail Licence No:	23-01-10715-0			Operator Box: 517	
Licence No:	10715			Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:				Oper Area Code:	
Licence Type:	Limited Vendor			Oper Phone No:	
Licence Type Code:	23			Operator Ext:	
Licence Class:	01			Operator Lot:	
Licence Control:	0			Oper Concession:	
Latitude:				Operator Region: 4	
Longitude:				Operator District: 2	
Lot:				Operator County: 15	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF URL:					
PDF Site Location:					
14	2 of 2	NNW/189.3	87.8 / -2.09	PROVIGO DISTRIBUTION INC./ MANOTICK MEWS IND. GROCER 1160 JOHN STREET, BOX 517 MANOTICK ON K4M1A5	PES
Detail Licence No:	23-01-11586-0			Operator Box:	
Licence No:	11586			Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:	Legacy Licenses (Excluding TS)			Oper Area Code: 519	
Licence Type:	Limited Vendor			Oper Phone No:	
Licence Type Code:	23			Operator Ext:	
Licence Class:	01			Operator Lot:	
Licence Control:	0			Oper Concession:	
Latitude:				Operator Region: 4	
Longitude:				Operator District: 2	
Lot:				Operator County: 15	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF URL:					
PDF Site Location:					
15	1 of 1	NE/189.9	95.0 / 5.08	lot 3 ON	WWIS
Well ID:	1506493			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:	07-Sep-1960 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1802
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA
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\1506493.pdf			

Additional Detail(s) (Map)

Well Completed Date: 1960/08/11
Year Completed: 1960
Depth (m): 45.72
Latitude: 45.2233837216864
Longitude: -75.681700032365
Path: 150\1506493.pdf

Bore Hole Information

Bore Hole ID:	10028529	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446480.80
Code OB Desc:		North83:	5007992.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	11-Aug-1960 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID: 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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:		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			
<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>Results of Well Yield Testing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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	Tag No:	
Depth M:	45.72	Contractor:	1802
Year Completed:	1960	Path:	150\1506493.pdf
Well Completed Dt:	1960/08/11	Latitude:	45.2233837216864
Audit No:		Longitude:	-75.681700032365

16	1 of 2	S/191.3	89.9 / 0.00	1212. POTTER DR Ottawa ON	WWIS
Well ID:	7195522	Flowing (Y/N):			
Construction Date:		Flow Rate:			
Use 1st:	Domestic	Data Entry Status:			
Use 2nd:		Data Src:			
Final Well Status:	0	Date Received:	17-Jan-2013 00:00:00		
Water Type:		Selected Flag:	TRUE		
Casing Material:		Abandonment Rec:			
Audit No:	Z109062	Contractor:	6364		
Tag:	A133692	Form Version:	7		
Constructn Method:		Owner:			
Elevation (m):		County:	OTTAWA		
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/7197195522.pdf				

Additional Detail(s) (Map)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Completed Date:		2012/12/07			
Year Completed:		2012			
Depth (m):					
Latitude:		45.2188745953973			
Longitude:		-75.6845984638111			
Path:		719\7195522.pdf			

Bore Hole Information

Bore Hole ID:	1004238038	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446249.00
Code OB Desc:		North83:	5007493.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	07-Dec-2012 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Annular Space/Abandonment
Sealing Record**

Plug ID:	1004760549
Layer:	1
Plug From:	
Plug To:	
Plug Depth UOM:	ft

**Method of Construction & Well
Use**

Method Construction ID:	1004760548
Method Construction Code:	
Method Construction:	
Other Method Construction:	

Pipe Information

Pipe ID:	1004760512
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1004760519
Layer:	
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Screen</u>					
Screen ID:			1004760520		
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:			ft		
Screen Diameter UOM:			inch		
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:			1004760513		
Pump Set At:					
Static Level:			13.0		
Final Level After Pumping:			13.100000381469727		
Recommended Pump Depth:			30.0		
Pumping Rate:			20.0		
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:			0		
Pumping Duration HR:			1		
Pumping Duration MIN:			0		
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1004760524		
Test Type:			Recovery		
Test Duration:			2		
Test Level:			14.899999618530273		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1004760535		
Test Type:			Draw Down		
Test Duration:			20		
Test Level:			14.600000381469727		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1004760537		
Test Type:			Draw Down		
Test Duration:			25		
Test Level:			14.800000190734863		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1004760538		
Test Type:			Recovery		
Test Duration:			25		
Test Level:			13.100000381469727		
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:			1004760543		
Test Type:			Draw Down		
Test Duration:			50		
Test Level:			13.0		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1004760522		
Test Type:			Recovery		
Test Duration:			1		
Test Level:			15.0		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1004760532		
Test Type:			Recovery		
Test Duration:			10		
Test Level:			13.100000381469727		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1004760536		
Test Type:			Recovery		
Test Duration:			20		
Test Level:			13.100000381469727		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1004760523		
Test Type:			Draw Down		
Test Duration:			2		
Test Level:			13.0		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1004760544		
Test Type:			Recovery		
Test Duration:			50		
Test Level:			13.100000381469727		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			1004760545		
Test Type:			Draw Down		
Test Duration:			60		
Test Level:			13.100000381469727		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1004760539			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		14.800000190734863			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004760526			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		14.699999809265137			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004760530			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		13.899999618530273			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004760533			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		14.600000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004760528			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		14.300000190734863			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004760529			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		13.300000190734863			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004760540			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		13.100000381469727			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1004760542			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		13.100000381469727			

<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>
<i>Test Level UOM:</i>		ft			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1004760521				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	1				
<i>Test Level:</i>	13.0				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1004760525				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	3				
<i>Test Level:</i>	13.100000381469727				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1004760531				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	10				
<i>Test Level:</i>	14.0				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1004760534				
<i>Test Type:</i>	Recovery				
<i>Test Duration:</i>	15				
<i>Test Level:</i>	13.100000381469727				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1004760527				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	4				
<i>Test Level:</i>	13.399999618530273				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1004760541				
<i>Test Type:</i>	Draw Down				
<i>Test Duration:</i>	40				
<i>Test Level:</i>	14.899999618530273				
<i>Test Level UOM:</i>	ft				
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>	1004760546				
<i>Test Type:</i>	Recovery				
<i>Test Duration:</i>	60				
<i>Test Level:</i>	13.100000381469727				
<i>Test Level UOM:</i>	ft				

Water Details

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID:		1004760518			
Layer:		3			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		1004760516			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		1004760517			
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:					
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1004760515			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>Links</u>					
Bore Hole ID:	1004238038			Tag No:	A133692
Depth M:				Contractor:	6364
Year Completed:	2012			Path:	719\7195522.pdf
Well Completed Dt:	2012/12/07			Latitude:	45.2188745953973
Audit No:	Z109062			Longitude:	-75.6845984638111
16	2 of 2	S/191.3	89.9 / 0.00	1212 POTTER DRIVE MANOTICK ON	WWIS
Well ID:	7194536			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Water Supply			Date Received:	03-Jan-2013 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	Z109064			Contractor:	6364
Tag:	A133692			Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA
Elevatn Reliabilty:				Lot:	
Depth to Bedrock:				Concession:	
Well Depth:				Concession Name:	
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:		NORTH GOWER TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/719\7194536.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		2012/12/07			
Year Completed:		2012			
Depth (m):					
Latitude:		45.2188745953973			
Longitude:		-75.6845984638111			
Path:		719\7194536.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1004226757			
DP2BR:					
Spatial Status:					
Code OB:					
Code OB Desc:					
Open Hole:					
Cluster Kind:					
Date Completed:		07-Dec-2012 00:00:00			
Remarks:					
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1004710875			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1004710869			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1004710873			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Screen</u>					
Screen ID:			1004710874		
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:			ft		
Screen Diameter UOM:			inch		
Screen Diameter:					
<u>Water Details</u>					
Water ID:			1004710872		
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:			ft		
<u>Hole Diameter</u>					
Hole ID:			1004710871		
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:			ft		
Hole Diameter UOM:			inch		
<u>Links</u>					
Bore Hole ID:	1004226757			Tag No:	A133692
Depth M:				Contractor:	6364
Year Completed:	2012			Path:	7197194536.pdf
Well Completed Dt:	2012/12/07			Latitude:	45.2188745953973
Audit No:	Z109064			Longitude:	-75.6845984638111
17	1 of 1	ENE/195.7	94.2 / 4.29	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:	09-Aug-1971 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3504
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA
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:					

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/151\1511311.pdf			

Additional Detail(s) (Map)

Well Completed Date: 1971/07/15
Year Completed: 1971
Depth (m): 15.8496
Latitude: 45.2230259643134
Longitude: -75.6813136343333
Path: 151\1511311.pdf

Bore Hole Information

Bore Hole ID:	10033307	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446510.80
Code OB Desc:		North83:	5007952.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	15-Jul-1971 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 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

Overburden and Bedrock

Materials Interval

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock 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			
<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>					
Pump Test ID:		991511311			
Pump Set At:					

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Completed Dt: Audit No:	1971/07/15			Latitude: Longitude:	45.2230259643134 -75.6813136343333

18	1 of 1	ENE/197.9	92.3 / 2.44	ON	BORE
Borehole ID:	611790			Inclin FLG:	No
OGF ID:	215513103			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.222756
Total Depth m:	-999			Longitude DD:	-75.681056
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	446531
Drill Method:				Northing:	5007922
Orig Ground Elev m:	91.4			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	92.3				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218389213			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	15.2			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Gravel			Geologic Formation:	
Material 2:	Clay			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GRAVEL,CLAY.				
Geology Stratum ID:	218389214			Mat Consistency:	
Top Depth:	15.2			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:	Grey			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
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.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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				
19	1 of 1	ENE/198.2	93.5 / 3.59	5582 Manotick Main Street Manotick ON K4M 1E2	EHS
Order No:	21031600078			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	19-MAR-21			Search Radius (km):	.25
Date Received:	16-MAR-21			X:	-75.6813808
Previous Site Name:				Y:	45.2231512
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
20	1 of 1	NNE/199.5	94.3 / 4.39	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
Previous Site Name:				Y:	45.224168
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
21	1 of 1	ENE/200.7	93.5 / 3.59	lot 3 ON	WWIS
Well ID:	1516567			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-Jul-1978 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA
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\1516567.pdf				

Additional Detail(s) (Map)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Completed Date:		1978/06/06			
Year Completed:		1978			
Depth (m):		47.244			
Latitude:		45.2231159736788			
Longitude:		-75.6813147094736			
Path:		151\1516567.pdf			

Bore Hole Information

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-Jun-1978 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	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

Overburden and Bedrock

Materials Interval

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

Overburden and Bedrock

Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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			
<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>					
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			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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: 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: 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: 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		Path: 151\1516567.pdf			
Well Completed Dt: 1978/06/06		Latitude: 45.2231159736788			
Audit No:		Longitude: -75.6813147094736			

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1 of 1

WNW/201.9

92.2 / 2.37

TEAMCO HOLDINGS INC.
JOHN ST./DOCTOR LEACH DR.(STP)
RIDEAU TWP. ON

CA

Certificate #: 3-1338-96-
Application Year: 96
Issue Date: 1/13/1997
Approval Type: Municipal sewage
Status:
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Project Description:					
Contaminants:					
Emission Control:					
23	1 of 3	N/202.4	89.9 / 0.03	Rexall Pharmacy Group Ltd. 1160 Beaverwood Rd Manotick ON K4M 1A3	GEN
Generator No:	ON2849411			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Feb 2022			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	
Detail(s)					
Waste Class:	261 A				
Waste Class Desc:	Pharmaceuticals				
Waste Class:	312 P				
Waste Class Desc:	Pathological wastes				
23	2 of 3	N/202.4	89.9 / 0.03	Caremedics Manotick Inc. 1160 Beaverwood Road unit 2 Manotick ON K4M 1A3	GEN
Generator No:	ON2574199			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Feb 2022			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	
Detail(s)					
Waste Class:	312 P				
Waste Class Desc:	Pathological wastes				
23	3 of 3	N/202.4	89.9 / 0.03	1160 BEAVERWOOD RD MANOTICK ON K4M 1A5	PES
Detail Licence No:				Operator Box:	
Licence No:	L-232-6182881960			Operator Class:	
Status:	Active			Operator No:	
Approval Date:	June 7, 2022			Operator Type:	
Report Source:	PEST-Limited Vendor			Oper Area Code:	
Licence Type:	Limited Vendor			Oper Phone No:	
Licence Type Code:				Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:	45.22361111			Operator Region:	
Longitude:	-75.68444444			Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District: Ottawa	
County:				SWP Area Name: Rideau Valley	
Trade Name:					
PDF URL:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2654021				
PDF Site Location:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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24	1 of 1	W/203.3	91.9 / 2.00	SHAHRAM BAKHTIARI 5572 DOCTOR LEACH DR,, OTTAWA, ON, K4M 1C8, CA ON	PINC
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Incident Id:
Incident No: 1773222
Incident Reported Dt: 12/16/2015
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: SHAHRAM BAKHTIARI
Incident Address: 5572 DOCTOR LEACH DR,, OTTAWA, ON, K4M 1C8, 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:

25	1 of 1	NW/204.0	89.3 / -0.55	lot 2 con A ON	WWIS
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Well ID: 1517732
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: 03-Mar-1982 00:00:00
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
County: OTTAWA
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\1517732.pdf

Additional Detail(s) (Map)

Well Completed Date: 1981/09/25
Year Completed: 1981

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth (m):		41.148			
Latitude:		45.2236179766615			
Longitude:		-75.6861737091981			
Path:		151\1517732.pdf			

Bore Hole Information

Bore Hole ID:	10039604	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446129.80
Code OB Desc:		North83:	5008021.00
Open Hole:		Org CS:	4
Cluster Kind:		UTMRC:	4
Date Completed:	25-Sep-1981 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931036149
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:	15.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931036151
Layer:	3
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:	95.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931036152
Layer:	4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		2			
General Color:		GREY			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		95.0			
Formation End Depth:		135.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931036150			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		15.0			
Formation End Depth:		25.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961517732			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10588174			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930069225			
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:		930069224			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:		34.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991517732			
Pump Set At:					
Static Level:		20.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:		100.0			
Pumping Rate:		75.0			
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:		934102944			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934895675			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		50.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934376564			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		50.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934646400			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		50.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933474263			
Layer:		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	134.0				
Water Found Depth UOM:	ft				
<u>Water Details</u>					
Water ID:	933474262				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	70.0				
Water Found Depth UOM:	ft				
<u>Links</u>					
Bore Hole ID:	10039604			Tag No:	
Depth M:	41.148			Contractor:	1558
Year Completed:	1981			Path:	151\1517732.pdf
Well Completed Dt:	1981/09/25			Latitude:	45.2236179766615
Audit No:				Longitude:	-75.6861737091981

26	1 of 1	WSW/204.2	88.9 / -1.03	ENBRIDGE GAS INC 5635 WHITEWOOD AVE,,MANOTICK,ON,K4M 1E1,CA ON	PINC
Incident Id:				Pipe Material:	
Incident No:	3123390			Fuel Category:	
Incident Reported Dt:	10/19/2021			Health Impact:	
Type:	FS-Pipeline Incident			Environment Impact:	
Status Code:				Property Damage:	
Tank Status:	Pipeline Damage Reason Est			Service Interrupt:	
Task No:				Enforce Policy:	
Spills Action Centre:				Public Relation:	
Fuel Type:				Pipeline System:	
Fuel Occurrence Tp:				PSIG:	
Date of Occurrence:				Attribute Category:	
Occurrence Start Dt:				Regulator Location:	
Depth:				Method Details:	
Customer Acct Name:	ENBRIDGE GAS INC				
Incident Address:	5635 WHITEWOOD AVE,,MANOTICK,ON,K4M 1E1,CA				
Operation Type:					
Pipeline Type:					
Regulator Type:					
Summary:					
Reported By:					
Affiliation:					
Occurrence Desc:					
Damage Reason:					
Notes:					

27	1 of 1	NNE/206.0	92.6 / 2.73	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			

28	1 of 1	NE/207.4	94.8 / 4.92	S 21(1)(f) of FIPPA 5567 Main St, Osgoode Ottawa ON	SPL
Ref No:	8024-7WCQ5F			Discharger Report:	
Site No:				Material Group:	
Incident Dt:				Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	Tank (Above Ground) Leak			Sector Type:	Other
Incident Event:				Agency Involved:	
Contaminant Code:	13			Nearest Watercourse:	
Contaminant Name:	FURNACE OIL			Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	Possible			Site Municipality:	
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northing:	
MOE Response:	No Field Response			Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	9/29/2009			Site Map Datum:	
Dt Document Closed:	10/2/2009			SAC Action Class:	TSSA - Fuel Safety Branch
Incident Reason:				Source Type:	
Site Name:	Private Residence<UNOFFICIAL>				
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:	TSSA: furnace oil leak to bsmt floor, sump pump				
Contaminant Qty:	0 other - see incident description				

29	1 of 1	ENE/207.8	89.9 / 0.00	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:	23-Feb-1949 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3601
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA
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:	1948/12/03				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:	03-Dec-1948 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931004645
Layer:	4
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	30.0
Formation End Depth:	59.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

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

Overburden and Bedrock

Materials Interval

Formation ID:	931004644
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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:		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>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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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>					
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			
<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		Path: 150\1506485.pdf	
Well Completed Dt:		1948/12/03		Latitude: 45.2226239601888	
Audit No:				Longitude: -75.6807993397725	
30	1 of 1	NE/210.0	94.3 / 4.38	RIDEAU AWNINGS 5573 MAIN ST MANOTICK ON K4M 1A7	SCT
Established:		1989			
Plant Size (ft²):		1000			
Employment:		1			
<u>--Details--</u>					
Description:		CANVAS AND RELATED PRODUCTS			
SIC/NAICS Code:		2394			
Description:		PLASTICS PRODUCTS, NOT ELSEWHERE CLASSIFIED			
SIC/NAICS Code:		3089			
31	1 of 1	NW/212.7	88.7 / -1.19	lot 2 con A ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	1516469			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Commerical			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	08-Jun-1978 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1365
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA
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\1516469.pdf

Additional Detail(s) (Map)

Well Completed Date: 1978/02/20
Year Completed: 1978
Depth (m): 37.4904
Latitude: 45.2238086027997
Longitude: -75.6859085132123
Path: 151\1516469.pdf

Bore Hole Information

Bore Hole ID:	10038385	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446150.80
Code OB Desc:		North83:	5008042.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	20-Feb-1978 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID: 931032228
Layer: 2
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:		14.0			
Formation End Depth:		91.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931032227			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		79			
Mat3 Desc:		PACKED			
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:		931032229			
Layer:		3			
Color:		1			
General Color:		WHITE			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		91.0			
Formation End Depth:		123.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961516469			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10586955			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930067460			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22.0			

<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>
<i>Casing Diameter:</i>		6.0			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930067461			
<i>Layer:</i>		2			
<i>Material:</i>		4			
<i>Open Hole or Material:</i>		OPEN HOLE			
<i>Depth From:</i>					
<i>Depth To:</i>		123.0			
<i>Casing Diameter:</i>		6.0			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		991516469			
<i>Pump Set At:</i>					
<i>Static Level:</i>		8.0			
<i>Final Level After Pumping:</i>		118.0			
<i>Recommended Pump Depth:</i>		118.0			
<i>Pumping Rate:</i>		35.0			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		35.0			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		2			
<i>Pumping Duration MIN:</i>		0			
<i>Flowing:</i>		No			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934380417			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		118.0			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934101954			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		118.0			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934641925			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		45			
<i>Test Level:</i>		118.0			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		934899410			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		118.0			
Test Level UOM:		ft			

Water Details

Water ID: 933472780
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 46.0
Water Found Depth UOM: ft

Water Details

Water ID: 933472781
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 122.0
Water Found Depth UOM: ft

Links

Bore Hole ID:	10038385	Tag No:	
Depth M:	37.4904	Contractor:	1365
Year Completed:	1978	Path:	151\1516469.pdf
Well Completed Dt:	1978/02/20	Latitude:	45.2238086027997
Audit No:		Longitude:	-75.6859085132123

32	1 of 1	NNE/216.4	92.6 / 2.73	lot 2 ON	WWIS
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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:	10-Jan-1975 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	1558
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA
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\1514484.pdf

Additional Detail(s) (Map)

Well Completed Date: 1974/12/16
Year Completed: 1974

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth (m):		14.6304			
Latitude:		45.2243910080305			
Longitude:		-75.6833552365524			
Path:		151\1514484.pdf			

Bore Hole Information

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:	16-Dec-1974 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931026371
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	18.0
Formation End Depth:	48.0
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

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

Method of Construction & Well

Use

Method Construction ID:	961514484
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:		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>					
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			
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Draw Down & Recovery

Pump Test Detail ID: 934100317
 Test Type: Draw Down
 Test Duration: 15
 Test Level: 30.0
 Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934382499
 Test Type: Draw Down
 Test Duration: 30
 Test Level: 30.0
 Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934643488
 Test Type: Draw Down
 Test Duration: 45
 Test Level: 30.0
 Test Level UOM: ft

Water Details

Water ID: 933470361
 Layer: 2
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 47.0
 Water Found Depth UOM: ft

Water Details

Water ID: 933470360
 Layer: 1
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 35.0
 Water Found Depth UOM: ft

Links

Bore Hole ID:	10036457	Tag No:	
Depth M:	14.6304	Contractor:	1558
Year Completed:	1974	Path:	151\1514484.pdf
Well Completed Dt:	1974/12/16	Latitude:	45.2243910080305
Audit No:		Longitude:	-75.6833552365524

33	1 of 1	NNE/218.6	94.8 / 4.95	PRIVATE RESIDENCE 5561 MAIN STREET, MANOTICK FURNACE OIL TANK RIDEAU TOWNSHIP ON	SPL
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Ref No:	131938	Discharger Report:	
Site No:		Material Group:	
Incident Dt:	9/14/1996	Health/Env Conseq:	
Year:		Client Type:	
Incident Cause:	OTHER CONTAINER LEAK	Sector Type:	
Incident Event:		Agency Involved:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contaminant Code: Contaminant Name: Contaminant Limit 1: Contam Limit Freq 1: Contaminant UN No 1: Environment Impact: CONFIRMED Nature of Impact: Soil contamination Receiving Medium: LAND Receiving Env: MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: 9/16/1996 Dt Document Closed: Incident Reason: CORROSION Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: PRIVATE FUEL OIL TANK: SMALL LEAK OF FURNACE OIL TO EARTH BASEMENT FLOOR. Contaminant Qty:		Nearest Watercourse: Site Address: Site District Office: Site Postal Code: Site Region: Site Municipality: 20612 Site Lot: Site Conc: Northing: Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class: Source Type:			

34	1 of 1	WNW/223.7	95.1 / 5.19	ON	BORE
Borehole ID: 611792 OGF ID: 215513105 Status: Type: Borehole Use: Completion Date: AUG-1971 Static Water Level: Primary Water Use: Sec. Water Use: Total Depth m: 45.7 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 96.9 Elev Reliabil Note: DEM Ground Elev m: 96.1 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: 45.223077 Longitude DD: -75.687683 UTM Zone: 18 Easting: 446011 Northing: 5007962 Location Accuracy: Accuracy: Not Applicable			
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: 218389218 Top Depth: 10.4 Bottom Depth: 35.7 Material Color: Grey Material 1: Limestone Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: LIMESTONE. GREY.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:			
Geology Stratum ID: 218389217 Top Depth: 0 Bottom Depth: 10.4 Material Color: Brown Material 1: Material 2: Boulders		Mat Consistency: Hard Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3: Material 4: Gsc Material Description: Stratum Description:		HARDPAN,BOULDERS. BROWN.		Geologic Period: Depositional Gen:	
Geology Stratum ID: 218389219 Top Depth: 35.7 Bottom Depth: 45.7 Material Color: Grey Material 1: Sandstone Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:		SANDSTONE. GREY. 00149. L. GREY. 00075TY = 18000. BEDROCK. SEISMIC VELOCITY **Note: Many records provided by the department have a truncated [Stratum Description] field.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Source					
Source Type: Data Survey Source Orig: Geological Survey of Canada Source Date: 1956-1972 Confidence: Observatio: Source Name: Urban Geology Automated Information System (UGAIS) Source Details: File: OTTAWA1.txt RecordID: 04300 NTS_Sheet: Confiden 1:		Source Appl: Spatial/Tabular Source Ident: 1 Scale or Res: Varies Horizontal: NAD27 Verticalda: Mean Average Sea Level			
Source List					
Source Identifier: 1 Source Type: Data Survey Source Date: 1956-1972 Scale or Resolution: Varies Source Name: Urban Geology Automated Information System (UGAIS) Source Originators: Geological Survey of Canada		Horizontal Datum: NAD27 Vertical Datum: Mean Average Sea Level Projection Name: Universal Transverse Mercator			
35	1 of 1	WNW/223.7	95.1 / 5.19	lot 7 con 1 ON	WWIS
Well ID: 1511389 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: 10-Sep-1971 00:00:00 Selected Flag: TRUE Abandonment Rec: Contractor: 1558 Form Version: 1 Owner: County: OTTAWA Lot: 007 Concession: 01 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1511389.pdf			

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

Well Completed Date: 1971/08/19
Year Completed: 1971
Depth (m): 45.72
Latitude: 45.2230778058249
Longitude: -75.6876829640221
Path: 151\1511389.pdf

Bore Hole Information

Bore Hole ID:	10033385	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446010.80
Code OB Desc:		North83:	5007962.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	19-Aug-1971 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 931017578
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: 34.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931017580
Layer: 3
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 117.0
Formation End Depth: 150.0
Formation End Depth UOM: ft

Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		931017579			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		34.0			
Formation End Depth:		117.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961511389			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10581955			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930059273			
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>Construction Record - Casing</u>					
Casing ID:		930059274			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		150.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991511389			
Pump Set At:					
Static Level:		30.0			
Final Level After Pumping:		75.0			
Recommended Pump Depth:		80.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Rate:		8.0			
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:		934097080			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		75.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934643896			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		75.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934382317			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		75.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934900261			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		75.0			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933466526			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		149.0			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		933466525			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		78.0			
Water Found Depth UOM:		ft			

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

Bore Hole ID:	10033385	Tag No:	
Depth M:	45.72	Contractor:	1558
Year Completed:	1971	Path:	151\1511389.pdf
Well Completed Dt:	1971/08/19	Latitude:	45.2230778058249
Audit No:		Longitude:	-75.6876829640221

36	1 of 17	NW/224.8	87.9 / -1.95	RIDEAU ANIMAL HOSPITAL 1 ANN ST. MANOTICK ON K0A 2N0	GEN
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Generator No:	ON0731100	Status:	
SIC Code:	0211	Co Admin:	
SIC Description:	VETERINARY SERVICE	Choice of Contact:	
Approval Years:	86,87	Phone No Admin:	
PO Box No:		Contam. Facility:	
Country:		MHSW Facility:	

Detail(s)

Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES

36	2 of 17	NW/224.8	87.9 / -1.95	RIDEAU ANIMAL HOSPITAL 1 ANN ST. MANOTICK ON K0A 2N0	GEN
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Generator No:	ON0731100	Status:	
SIC Code:	0211	Co Admin:	
SIC Description:	VETERINARY SERVICE	Choice of Contact:	
Approval Years:	88,89,90	Phone No Admin:	
PO Box No:		Contam. Facility:	
Country:		MHSW Facility:	

Detail(s)

Waste Class:	264
Waste Class Desc:	PHOTOPROCESSING WASTES

Waste Class:	312
Waste Class Desc:	PATHOLOGICAL WASTES

36	3 of 17	NW/224.8	87.9 / -1.95	RIDEAU ANIMAL HOSPITAL 33-274 1 ANN ST. MANOTICK ON K0A 2N0	GEN
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Generator No:	ON0731100	Status:	
SIC Code:	0211	Co Admin:	
SIC Description:	VETERINARY SERVICE	Choice of Contact:	
Approval Years:	92,93,94,95,96	Phone No Admin:	
PO Box No:		Contam. Facility:	
Country:		MHSW Facility:	

Detail(s)

Waste Class:	264
Waste Class Desc:	PHOTOPROCESSING WASTES

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
36	4 of 17	NW/224.8	87.9 / -1.95	RIDEAU ANIMAL (OUT OF BUS.) 1 ANN ST. MANOTICK ON K0A 2N0	GEN
Generator No:	ON0731100			Status:	
SIC Code:	0211			Co Admin:	
SIC Description:	VETERINARY SERVICE			Choice of Contact:	
Approval Years:	97,98			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
36	5 of 17	NW/224.8	87.9 / -1.95	Rideaugreen Veterinary Management Inc. P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	GEN
Generator No:	ON0731101			Status:	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	02,03,04			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
36	6 of 17	NW/224.8	87.9 / -1.95	Nepean-Rideau Veterinary Professional Corporation P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON	GEN
Generator No:	ON0731101			Status:	
SIC Code:	541940			Co Admin:	
SIC Description:	Veterinary Services			Choice of Contact:	
Approval Years:	06,07,08			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
36	7 of 17	NW/224.8	87.9 / -1.95	Nepean-Rideau Veterinary Professional Corporation P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON	GEN
Generator No:	ON0731101			Status:	
SIC Code:	541940			Co Admin:	
SIC Description:	Veterinary Services			Choice of Contact:	
Approval Years:	2009			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
36	8 of 17	NW/224.8	87.9 / -1.95	Nepean-Rideau Veterinary Professional Corporation P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON	GEN
Generator No:	ON0731101			Status:	
SIC Code:	541940			Co Admin:	
SIC Description:	Veterinary Services			Choice of Contact:	
Approval Years:	2010			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
36	9 of 17	NW/224.8	87.9 / -1.95	Nepean-Rideau Veterinary Professional Corporation P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON	GEN
Generator No:	ON0731101			Status:	
SIC Code:	541940			Co Admin:	
SIC Description:	Veterinary Services			Choice of Contact:	
Approval Years:	2011			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
36	10 of 17	NW/224.8	87.9 / -1.95	Nepean-Rideau Veterinary Professional Corporation P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	GEN
Generator No:	ON0731101			Status:	
SIC Code:	541940			Co Admin:	
SIC Description:	Veterinary Services			Choice of Contact:	
Approval Years:	2012			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
36	11 of 17	NW/224.8	87.9 / -1.95	Nepean-Rideau Veterinary Professional Corporation P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON	GEN
Generator No:	ON0731101			Status:	
SIC Code:	541940			Co Admin:	
SIC Description:	VETERINARY SERVICES			Choice of Contact:	
Approval Years:	2013			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:				MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		261			
Waste Class Desc:		PHARMACEUTICALS			
Waste Class:		312			
Waste Class Desc:		PATHOLOGICAL WASTES			
36	12 of 17	NW/224.8	87.9 / -1.95	Nepean-Rideau Veterinary Professional Corporation P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No:	ON0731101			Status:	
SIC Code:	541940			Co Admin:	Miki Shibata
SIC Description:	VETERINARY SERVICES			Choice of Contact:	CO_ADMIN
Approval Years:	2016			Phone No Admin:	613-692-2434 Ext.
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
<u>Detail(s)</u>					
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				

<u>36</u>	13 of 17	NW/224.8	87.9 / -1.95	Nepean-Rideau Veterinary Professional Corporation P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	GEN
Generator No:	ON0731101			Status:	
SIC Code:	541940			Co Admin:	Miki Shibata
SIC Description:	VETERINARY SERVICES			Choice of Contact:	CO_ADMIN
Approval Years:	2015			Phone No Admin:	613-692-2434 Ext.
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
<u>Detail(s)</u>					
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				

<u>36</u>	14 of 17	NW/224.8	87.9 / -1.95	Nepean-Rideau Veterinary Professional Corporation P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	GEN
Generator No:	ON0731101			Status:	
SIC Code:	541940			Co Admin:	Miki Shibata
SIC Description:	VETERINARY SERVICES			Choice of Contact:	CO_ADMIN
Approval Years:	2014			Phone No Admin:	613-692-2434 Ext.
PO Box No:				Contam. Facility:	No
Country:	Canada			MHSW Facility:	No
<u>Detail(s)</u>					
Waste Class:	261				
Waste Class Desc:	PHARMACEUTICALS				
Waste Class:	312				
Waste Class Desc:	PATHOLOGICAL WASTES				
Waste Class:	264				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		PHOTOPROCESSING WASTES			
36	15 of 17	NW/224.8	87.9 / -1.95	Nepean-Rideau Veterinary Professional Corporation P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	GEN
Generator No:	ON0731101			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Dec 2018			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:	261 A				
Waste Class Desc:	Pharmaceuticals				
Waste Class:	312 P				
Waste Class Desc:	Pathological wastes				
36	16 of 17	NW/224.8	87.9 / -1.95	Nepean-Rideau Veterinary Professional Corporation P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	GEN
Generator No:	ON0731101			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Jul 2020			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:	261 A				
Waste Class Desc:	Pharmaceuticals				
Waste Class:	312 P				
Waste Class Desc:	Pathological wastes				
36	17 of 17	NW/224.8	87.9 / -1.95	Nepean-Rideau Veterinary Professional Corporation P.O. BOX 1070 5547 SCHARFIELD ROAD MANOTICK ON K4M 1A9	GEN
Generator No:	ON0731101			Status: Registered	
SIC Code:				Co Admin:	
SIC Description:				Choice of Contact:	
Approval Years:	As of Nov 2021			Phone No Admin:	
PO Box No:				Contam. Facility:	
Country:	Canada			MHSW Facility:	
<u>Detail(s)</u>					
Waste Class:	312 P				
Waste Class Desc:	Pathological wastes				
Waste Class:	261 A				
Waste Class Desc:	Pharmaceuticals				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
37	1 of 1	ENE/227.6	91.5 / 1.59	lot 3 ON	WWIS
Well ID: 1506492 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: 27-Jun-1960 00:00:00 Selected Flag: TRUE Abandonment Rec: Contractor: 3601 Form Version: 1 Owner: County: OTTAWA 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\1506492.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: 1960/05/10 Year Completed: 1960 Depth (m): 13.716 Latitude: 45.2235213956963 Longitude: -75.681255864606 Path: 150\1506492.pdf					
<u>Bore Hole Information</u>					
Bore Hole ID: 10028528 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 10-May-1960 00:00:00 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Elevation: Elevrc: Zone: 18 East83: 446515.80 North83: 5008007.00 Org CS: UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: p5			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 931004660 Layer: 2 Color: General Color: Mat1: 11					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		44.0			
Formation End Depth:		45.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>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>					
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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommended Pump Rate: Levels UOM: Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing:		4.0 ft GPM 1 CLEAR 1 1 0 No			
<u>Water Details</u>					
Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM:		933460643 1 1 FRESH 44.0 ft			
<u>Links</u>					
Bore Hole ID: Depth M: Year Completed: Well Completed Dt: Audit No:		10028528 13.716 1960 1960/05/10		Tag No: Contractor: Path: Latitude: Longitude:	
				3601 150\1506492.pdf 45.2235213956963 -75.681255864606	
38	1 of 1	NW/228.2	92.2 / 2.36	1185 Beaverwood Road Manotick ON K4M 1L6	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		22020800656 C Standard Report 11-FEB-22 08-FEB-22		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	
				ON .25 -75.6868444 45.223608	
39	1 of 9	NNW/228.8	87.8 / -2.08	BARRHAVEN INDEPENDENT 1165 JOHN ST MANOTICK ON K4M	SCT
Established: Plant Size (ft²): Employment:		0000 0 10			
<u>--Details--</u>					
Description: SIC/NAICS Code:		Newspaper Publishers 511110			
39	2 of 9	NNW/228.8	87.8 / -2.08	MANOTICK MESSENGER INC. 1165 JOHN ST MANOTICK ON K4M 1A5	SCT
Established: Plant Size (ft²): Employment:		0000 0 0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Description:		Newspaper Publishers			
SIC/NAICS Code:		511110			
Description:		Periodical Publishers			
SIC/NAICS Code:		511120			
39	3 of 9	NNW/228.8	87.8 / -2.08	MANOTICK PRINTING SERVICES 1165 JOHN ST MANOTICK ON K4M 1A5	SCT
Established:		0000			
Plant Size (ft²):		0			
Employment:		0			
--Details--					
Description:		Quick Printing			
SIC/NAICS Code:		323114			
Description:		Digital Printing			
SIC/NAICS Code:		323115			
Description:		Other Printing			
SIC/NAICS Code:		323119			
39	4 of 9	NNW/228.8	87.8 / -2.08	IMPLO-TEC RESEARCH CANADA INC. 1165 John St Manotick ON K4M 1A2	SCT
Established:		1994			
Plant Size (ft²):		0			
Employment:		3			
--Details--					
Description:		Explosives Manufacturing			
SIC/NAICS Code:		325920			
39	5 of 9	NNW/228.8	87.8 / -2.08	Barrhaven Independent 1165 Beaverwood Crs Manotick ON K4M 1A5	SCT
Established:		8/1/1989			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Quick Printing			
SIC/NAICS Code:		323114			
Description:		Other Printing			
SIC/NAICS Code:		323119			
Description:		Newspaper Publishers			
SIC/NAICS Code:		511110			
Description:		Graphic Design Services			
SIC/NAICS Code:		541430			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description:		Digital Printing			
SIC/NAICS Code:		323115			
39	6 of 9	NNW/228.8	87.8 / -2.08	Manotick Printing Services 1165 Beaverwood Rd Manotick ON K4M 1A5	SCT
Established:		01-AUG-89			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Other Printing			
SIC/NAICS Code:		323119			
Description:		Digital Printing			
SIC/NAICS Code:		323115			
Description:		Quick Printing			
SIC/NAICS Code:		323114			
39	7 of 9	NNW/228.8	87.8 / -2.08	Manotick Messenger Inc. 1165 Beaverwood Rd Manotick ON K4M 1A5	SCT
Established:		01-AUG-89			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Quick Printing			
SIC/NAICS Code:		323114			
Description:		Digital Printing			
SIC/NAICS Code:		323115			
Description:		Support Activities for Printing			
SIC/NAICS Code:		323120			
Description:		Newspaper Publishers			
SIC/NAICS Code:		511110			
Description:		Other Printing			
SIC/NAICS Code:		323119			
39	8 of 9	NNW/228.8	87.8 / -2.08	Manotick Messenger Inc. - 1165 Beaverwood Rd Manotick ON K4M 1A5	SCT
Established:		01-AUG-89			
Plant Size (ft²):					
Employment:					
--Details--					
Description:		Digital Printing			
SIC/NAICS Code:		323115			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Description:		Graphic Design Services			
SIC/NAICS Code:		541430			
Description:		Newspaper Publishers			
SIC/NAICS Code:		511110			
Description:		Other Printing			
SIC/NAICS Code:		323119			
Description:		Quick Printing			
SIC/NAICS Code:		323114			

39	9 of 9	NNW/228.8	87.8 / -2.08	1165 Beaverwood Road Ottawa Ontario Manotick ON K4M 1L6	EHS
Order No:	20191021027			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	24-OCT-19			Search Radius (km):	.25
Date Received:	21-OCT-19			X:	-75.685252
Previous Site Name:				Y:	45.224224
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				

40	1 of 1	NE/231.4	89.8 / -0.13	lot 3 ON	WWIS
Well ID:	1506490			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-Apr-1957 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1632
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA
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\1506490.pdf				
Additional Detail(s) (Map)					
Well Completed Date:	1957/02/05				
Year Completed:	1957				
Depth (m):	31.6992				
Latitude:	45.2236560298412				
Longitude:	-75.681321160422				
Path:	150\1506490.pdf				

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	10028526			Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	
				18 446510.80 5008022.00 9 unknown UTM p9	
<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:		931004656 2 15 LIMESTONE 54.0 104.0 ft			
<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>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:		961506490 1 Cable Tool			
<u>Pipe Information</u>					
Pipe ID: Casing No:		10577096 1			

<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>
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Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

Pump Test ID: 991506490
Pump Set At:
Static Level: 32.0
Final Level After Pumping: 40.0
Recommended Pump Depth:
Pumping Rate: 4.0
Flowing Rate:
Recommended Pump Rate:
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 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

<i>Bore Hole ID:</i> 10028526	<i>Tag No:</i> 1632
<i>Depth M:</i> 31.6992	<i>Contractor:</i> 150\1506490.pdf
<i>Year Completed:</i> 1957	<i>Path:</i> 45.2236560298412
<i>Well Completed Dt:</i> 1957/02/05	<i>Latitude:</i> -75.681321160422
<i>Audit No:</i>	<i>Longitude:</i>

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
41	1 of 1	NNE/232.4	92.6 / 2.70	lot 2 ON	WWIS
Well ID:		1506473	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/150\1506473.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		1958/11/24			
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:		
Code OB:			East83:		
Code OB Desc:			North83:		
Open Hole:			Org CS:		
Cluster Kind:			UTMRC:		
Date Completed:		24-Nov-1958 00:00:00	UTMRC Desc:		
Remarks:			Location Method:		
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:					
Mat2:		CLAY			
Mat2 Desc:		13			
Mat3:		BOULDERS			
Mat3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		35.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock 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 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:		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>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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
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			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		46.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10028509		Tag No:	
Depth M:		14.0208		Contractor: 3601	
Year Completed:		1958		Path: 150\1506473.pdf	
Well Completed Dt:		1958/11/24		Latitude: 45.2245435665619	
Audit No:				Longitude: -75.6834334908685	
42	1 of 1	N/232.9	91.0 / 1.08	lot 2 con A ON	WWIS
Well ID:		1516364			
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:		19-Jan-1978 00:00:00			
Selected Flag:		TRUE			
Abandonment Rec:					
Contractor:		3504			
Form Version:		1			
Owner:					
County:		OTTAWA			
Lot:		002			
Concession:		A			
Concession Name:		CON			
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1516364.pdf

Additional Detail(s) (Map)

Well Completed Date: 1977/10/05
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:	05-Oct-1977 00:00:00	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 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

Overburden and Bedrock

Materials Interval

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

<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>
<i>Formation End Depth UOM:</i>		ft			
<u>Method of Construction & Well Use</u>					
<i>Method Construction ID:</i>		961516364			
<i>Method Construction Code:</i>		4			
<i>Method Construction:</i>		Rotary (Air)			
<i>Other Method Construction:</i>					
<u>Pipe Information</u>					
<i>Pipe ID:</i>		10586861			
<i>Casing No:</i>		1			
<i>Comment:</i>					
<i>Alt Name:</i>					
<u>Construction Record - Casing</u>					
<i>Casing ID:</i>		930067331			
<i>Layer:</i>		1			
<i>Material:</i>		1			
<i>Open Hole or Material:</i>		STEEL			
<i>Depth From:</i>					
<i>Depth To:</i>		31.0			
<i>Casing Diameter:</i>		6.0			
<i>Casing Diameter UOM:</i>		inch			
<i>Casing Depth UOM:</i>		ft			
<u>Results of Well Yield Testing</u>					
<i>Pump Test ID:</i>		991516364			
<i>Pump Set At:</i>					
<i>Static Level:</i>		25.0			
<i>Final Level After Pumping:</i>		115.0			
<i>Recommended Pump Depth:</i>		50.0			
<i>Pumping Rate:</i>		10.0			
<i>Flowing Rate:</i>					
<i>Recommended Pump Rate:</i>		10.0			
<i>Levels UOM:</i>		ft			
<i>Rate UOM:</i>		GPM			
<i>Water State After Test Code:</i>		1			
<i>Water State After Test:</i>		CLEAR			
<i>Pumping Test Method:</i>		1			
<i>Pumping Duration HR:</i>		0			
<i>Pumping Duration MIN:</i>		30			
<i>Flowing:</i>		No			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934641419			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		45			
<i>Test Level:</i>		25.0			
<i>Test Level UOM:</i>		ft			
<u>Draw Down & Recovery</u>					
<i>Pump Test Detail ID:</i>		934899321			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		60			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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Test Level: 25.0
 Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934380328
 Test Type: Recovery
 Test Duration: 30
 Test Level: 25.0
 Test Level UOM: ft

Water Details

Water ID: 933472666
 Layer: 1
 Kind Code: 5
 Kind: Not stated
 Water Found Depth: 95.0
 Water Found Depth UOM: ft

Water Details

Water ID: 933472667
 Layer: 2
 Kind Code: 1
 Kind: FRESH
 Water Found Depth: 120.0
 Water Found Depth UOM: ft

Links

Bore Hole ID:	10038291	Tag No:	
Depth M:	36.576	Contractor:	3504
Year Completed:	1977	Path:	151\1516364.pdf
Well Completed Dt:	1977/10/05	Latitude:	45.22453937238
Audit No:		Longitude:	-75.6841340167146

43	1 of 1	ENE/236.4	88.7 / -1.18	lot 3 ON	WWIS
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Well ID:	1506491	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:	26-Nov-1957 00:00:00
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	3601
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA
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

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

Well Completed Date: 1957/11/02
Year Completed: 1957
Depth (m): 12.8016
Latitude: 45.2224919818652
Longitude: -75.680288272944
Path: 150\1506491.pdf

Bore Hole Information

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:	02-Nov-1957 00:00:00	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 931004657
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: 36.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		42.0			
Water Found Depth UOM:		ft			
Links					
Bore Hole ID:	10028527			Tag No:	
Depth M:	12.8016			Contractor:	3601
Year Completed:	1957			Path:	150\1506491.pdf
Well Completed Dt:	1957/11/02			Latitude:	45.2224919818652
Audit No:				Longitude:	-75.680288272944

44	1 of 1	ENE/245.3	88.2 / -1.64	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:	12-Jul-1978 00:00:00
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA
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

Additional Detail(s) (Map)

Well Completed Date: 1978/06/14
Year Completed: 1978
Depth (m): 38.1
Latitude: 45.2232990305143
Longitude: -75.680807397249
Path: 151\1516571.pdf

Bore Hole Information

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:	14-Jun-1978 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Improvement Location Method:</i>					
<i>Source Revision Comment:</i>					
<i>Supplier Comment:</i>					
<u>Overburden and Bedrock</u>					
<u>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>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:					
Mat3 Desc:					
Formation Top Depth:		32.0			
Formation End Depth:		58.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931032531			
Layer:		1			
Color:		2			
General Color:		GREY			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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>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>					
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			
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:		934380918			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		65.0			

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:		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:		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:		934899911			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		65.0			
Test Level 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>Water Details</u>					
Water ID:		933472900			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		90.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10038481		Tag No:	
Depth M:		38.1		Contractor:	
Year Completed:		1978		3644	
Well Completed Dt:		1978/06/14		Path:	
Audit No:				151\1516571.pdf	
				Latitude:	
				45.2232990305143	
				Longitude:	
				-75.680807397249	
45	1 of 1	N/246.8	91.0 / 1.08	5549 Ann St Ottawa ON K4M1L6	EHS
Order No:		20150303033		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		RSC Report (Urban)		Ottawa	
Report Date:		09-MAR-15		Client Prov/State:	
Date Received:		03-MAR-15		ON	
				Search Radius (km):	
				.3	
				X:	
				-75.684101	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Previous Site Name:				Y:	45.224669
Lot/Building Size:		0.11 acres			
Additional Info Ordered:		Title Searches			

46	1 of 1	NNW/247.1	88.8 / -1.03	lot 2 con A ON	WWIS
Well ID:		1517944		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\1517944.pdf			

Additional Detail(s) (Map)

Well Completed Date:	1982/05/27
Year Completed:	1982
Depth (m):	15.8496
Latitude:	45.2245257146985
Longitude:	-75.6849108552948
Path:	151\1517944.pdf

Bore Hole Information

Bore Hole ID:	10039815	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	446229.80
Code OB Desc:		North83:	5008121.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	27-May-1982 00:00:00	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931036831
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<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>
<i>Layer:</i>		3			
<i>Color:</i>		2			
<i>General Color:</i>		GREY			
<i>Mat1:</i>		15			
<i>Most Common Material:</i>		LIMESTONE			
<i>Mat2:</i>		90			
<i>Mat2 Desc:</i>		VERY			
<i>Mat3:</i>		73			
<i>Mat3 Desc:</i>		HARD			
<i>Formation Top Depth:</i>		38.0			
<i>Formation End Depth:</i>		52.0			
<i>Formation End Depth UOM:</i>		ft			
 <u><i>Overburden and Bedrock Materials Interval</i></u>					
<i>Formation ID:</i>		931036829			
<i>Layer:</i>		1			
<i>Color:</i>		6			
<i>General Color:</i>		BROWN			
<i>Mat1:</i>		05			
<i>Most Common Material:</i>		CLAY			
<i>Mat2:</i>		13			
<i>Mat2 Desc:</i>		BOULDERS			
<i>Mat3:</i>		73			
<i>Mat3 Desc:</i>		HARD			
<i>Formation Top Depth:</i>		0.0			
<i>Formation End Depth:</i>		16.0			
<i>Formation End Depth UOM:</i>		ft			
 <u><i>Overburden and Bedrock Materials Interval</i></u>					
<i>Formation ID:</i>		931036830			
<i>Layer:</i>		2			
<i>Color:</i>		2			
<i>General Color:</i>		GREY			
<i>Mat1:</i>		14			
<i>Most Common Material:</i>		HARDPAN			
<i>Mat2:</i>		11			
<i>Mat2 Desc:</i>		GRAVEL			
<i>Mat3:</i>		13			
<i>Mat3 Desc:</i>		BOULDERS			
<i>Formation Top Depth:</i>		16.0			
<i>Formation End Depth:</i>		38.0			
<i>Formation End Depth UOM:</i>		ft			
 <u><i>Method of Construction & Well Use</i></u>					
<i>Method Construction ID:</i>		961517944			
<i>Method Construction Code:</i>		1			
<i>Method Construction:</i>		Cable Tool			
<i>Other Method Construction:</i>					
 <u><i>Pipe Information</i></u>					
<i>Pipe ID:</i>		10588385			
<i>Casing No:</i>		1			
<i>Comment:</i>					
<i>Alt Name:</i>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930069537			
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:		930069538			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		52.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991517944			
Pump Set At:					
Static Level:		27.0			
Final Level After Pumping:		32.0			
Recommended Pump Depth:		40.0			
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:		3			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934896710			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		32.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934377183			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		32.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934647018			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		32.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103133			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		32.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933474550			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		50.0			
Water Found Depth UOM:		ft			
<u>Links</u>					
Bore Hole ID:		10039815		Tag No:	
Depth M:		15.8496		Contractor: 1558	
Year Completed:		1982		Path: 151\1517944.pdf	
Well Completed Dt:		1982/05/27		Latitude: 45.2245257146985	
Audit No:				Longitude: -75.6849108552948	
47	1 of 1	N/249.7	89.4 / -0.45	SERVICE STATION 5549 ANN ST., MANOTICK (N.O.S.) OSGOODE TOWNSHIP ON	SPL
Ref No:		80133		Discharger Report:	
Site No:				Material Group:	
Incident Dt:		//		Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:		UNDERGROUND TANK LEAK		Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:		CONFIRMED		Site Municipality: 20610	
Nature of Impact:		Soil contamination		Site Lot:	
Receiving Medium:		LAND		Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:		12/21/1992		Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:		UNKNOWN		Source Type:	
Site Name:					
Site County/District:					
Site Geo Ref Meth:					
Incident Summary:		LINDSAY MCCAFFREY GENERAL MERCHANTS- CONTAMINATED SOIL DISCOVERED FUEL TANK			
Contaminant Qty:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
48	1 of 6	NNW/249.9	87.9 / -2.00	GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED 1168 MAPLE ST, PO 534, STN MAIN MANOTICK ON K4M1A5	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Limited Vendor Licence Type Code: 23 Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL: PDF Site Location:		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:			
48	2 of 6	NNW/249.9	87.9 / -2.00	GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED 1168 MAPLE ST, PO 534, STN MAIN MANOTICK ON K4M1A5	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Vendor Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF URL: PDF Site Location:		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:			
48	3 of 6	NNW/249.9	87.9 / -2.00	1168 MAPLE STREET MANOTICK ON	HINC
External File Num: Fuel Occurrence Type: Date of Occurrence: Fuel Type Involved: Status Desc: Job Type Desc: Oper. Type Involved: Service Interruptions: Property Damage:		FS INC 0611-04142 Pipeline Strike 10/31/2006 Natural Gas Completed - Causal Analysis(End) Incident/Near-Miss Occurrence (FS) Construction Site (excluding pipeline strike) Yes Yes			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Fuel Life Cycle Stage:		Utilization			
Root Cause:		Root Cause: Equipment/Material/Component:No Procedures:Yes Maintenance:No Design:No Training:Yes Management:No Human Factors:Yes			
Reported Details:					
Fuel Category:		Gaseous Fuel			
Occurrence Type:		Incident			
Affiliation:		Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)			
County Name:		Ottawa			
Approx. Quant. Rel:					
Nearby body of water:					
Enter Drainage Syst.:					
Approx. Quant. Unit:					
Environmental Impact:					

48	4 of 6	NNW/249.9	87.9 / -2.00	GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED 1168 MAPLE ST, BOX 534 MANOTICK ON K4M 1A5	PES
Detail Licence No:		Operator Box:			
Licence No:		Operator Class:			
Status:		Operator No:			
Approval Date:		Operator Type:			
Report Source:		Oper Area Code:			
Licence Type: Vendor		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:					
PDF Site Location:					

48	5 of 6	NNW/249.9	87.9 / -2.00	GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED 1168 MAPLE ST, BOX 534 MANOTICK ON K4M 1A5	PES
Detail Licence No: 23-01-13552-0		Operator Box:			
Licence No:		Operator Class:			
Status:		Operator No:			
Approval Date:		Operator Type:			
Report Source:		Oper Area Code:			
Licence Type: LIMITED		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:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>PDF Site Location:</i>					

48	6 of 6	NNW/249.9	87.9 / -2.00	GIANT TIGER STORE # 78 - TORA MANOTICK LIMITED 1168 MAPLE ST, BOX 534 MANOTICK ON K4M1A5	PES
Detail Licence No:				Operator Box:	
Licence No:	13552			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:	6924766
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:					
PDF Site Location:					

Unplottable Summary

Total: **6** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	GORDON SCHARF & IVY SCHARF ENVIROPLAN LT	POTTER DR.	RIDEAU TWP. ON	
CA	KIZELL ENTERPRISES LTD. MANOTICK ESTATES	N & S SIDE POTTER DR. PH. III	RIDEAU TWP. ON	
CA	PERCY STINSON C/O ENVIROPLAN LIMITED	POTTER DR. STINSON SUBD.	RIDEAU TWP. ON	
CA	LEIMERK FARMS LTD. C/O GINSBERG, GLUZMAN	POTTER DR. MANOTICK EST. PH.4	RIDEAU TWP. ON	
GEN	CAS PHOTOGRAPHIC SERVICES INC.	MANOTICK MEWS JOHN ST./EASTMAN ST.	MANOTICK ON	K0A 2N0
GEN	CAS PHOTOGRAPHIC SERVICES INC.	MANOTICK MEWS JOHN STREET / EASTMAN STREET	MANOTICK ON	K0A 2N0

Unplottable Report

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: 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: 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: 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: CAS PHOTOGRAPHIC SERVICES INC.
MANOTICK MEWS JOHN ST./EASTMAN ST. MANOTICK ON K0A 2N0

Database:
GEN

Generator No: ON1320200
SIC Code: 6571
SIC Description: CAMERA/PHOTO. SUPPLY
Approval Years: 92,93,97,98
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Site: CAS PHOTOGRAPHIC SERVICES INC.
MANOTICK MEWS JOHN STREET / EASTMAN STREET MANOTICK ON K0A 2N0

Database:
GEN

Generator No: ON1320200
SIC Code: 6571
SIC Description: CAMERA/PHOTO. SUPPLY
Approval Years: 99,00,01
PO Box No:
Country:

Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contam. Facility:
MHSW Facility:

Detail(s)

Waste Class: 264
Waste Class Desc: PHOTOPROCESSING WASTES

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial [AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial [AGR](#)

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

Government Publication Date: Up to Nov 2021

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-May 31, 2022

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 2020

Commercial Fuel Oil Tanks:

Provincial CFOT

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

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

Government Publication Date: Feb 28, 2022

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-May 31, 2022

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 -Apr 2022

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-Jun 2022

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994 - Jun 30, 2022

Drill Hole Database:

Provincial

DRL

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

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks:

Provincial

DTNK

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

Government Publication Date: Feb 28, 2022

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- Jun 30, 2022

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 - Jun 30, 2022

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- Jun 30, 2022

Environmental Effects Monitoring:

Federal

EEM

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

EHS

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

Government Publication Date: 1999-Mar 31, 2022

Environmental Issues Inventory System:

Federal

EIIS

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed.

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial **EMHE**

List of locations of historical occurrences of emergency events, including those assigned to the Ministry of Natural Resources by Order-In-Council (OIC) under the Emergency Management and Civil Protection Act, as well as events where MNR provided requested emergency response assistance. Many of these events will have involved community evacuations, significant structural loss, and/or involvement of MNR emergency response staff. These events fall into one of ten (10) type categories: Dam Failure; Drought / Low Water; Erosion; Flood; Forest Fire; Soil and Bedrock Instability; Petroleum Resource Center Event, EMO Requested Assistance, Continuity of Operations Event, Other Requested Assistance. EMHE record details are reproduced by ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial **EPAR**

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land / 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, 2021

List of Expired Fuels Safety Facilities:

Provincial **EXP**

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

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

Government Publication Date: Feb 28, 2022

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-Jun 2022

Fisheries & Oceans Fuel Tanks:

Federal **FOFT**

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal **FRST**

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

Government Publication Date: May 31, 2018

Fuel Storage Tank:

Provincial **FST**

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

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

Government Publication Date: Feb 28, 2022

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-Feb 28, 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 2019

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: Feb 28, 2022

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 21, 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 2022

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, 2020

National Defense & Canadian Forces Fuel Tanks:

Federal [NDFT](#)

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal [NDSP](#)

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal [NDWD](#)

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal [NEBI](#)

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

Government Publication Date: 2008-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:

Federal

NPRI

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

Government Publication Date: 1993-May 2017

Oil and Gas Wells:

Private

OGWE

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

Government Publication Date: 1988-May 31, 2022

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-Jan 2021

Inventory of PCB Storage Sites:

Provincial

OPCB

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

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

Orders:

Provincial

ORD

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

Government Publication Date: 1994 - Jun 30, 2022

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- Jun 30, 2022

Pipeline Incidents:

Provincial PINC

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks:

Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

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

Government Publication Date: 1994 - Jun 30, 2022

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, 1992-2019

Record of Site Condition:

Provincial RSC

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site Registry. In order to file an RSC, the property must have been properly assessed and shown to meet the soil, sediment and groundwater standards appropriate for the use (such as residential) proposed to take place on the property. The Record of Site Condition Regulation (O. Reg. 153/04) details requirements related to site assessment and clean up.

RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09).

Government Publication Date: 1997-Sept 2001, Oct 2004-Jun 2022

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-May 31, 2022

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

List of spills and incidents made available the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. 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-Sep 2020; Dec 2020-Mar 2021

Wastewater Discharger Registration Database:

Provincial [SRDS](#)

Information under this heading is combination of the following 2 programs. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment maintained a database of all direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation; Mining; Petroleum Refining; Organic Chemicals; Inorganic Chemicals; Pulp & Paper; Metal Casting; Iron & Steel; and Quarries. All sampling information is now collected and stored within the Sample Result Data Store (SRDS).

Government Publication Date: 1990-Dec 31, 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 - Dec 2020

Variations 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- Jun 30, 2022

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 30th, 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: Jan 31, 2022

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX E
MECP FOI Search Request

Ministry of the Environment, Conservation and Parks

Freedom of Information Request for Property Information

Instructions

Use this form to:

- submit and pay for a new FOI request for access to records/information about a property
- pay for a deposit or a final fee on an existing FOI request

Fields marked with an asterisk (*) are mandatory.

Are you: *

- Submitting a new FOI Request for Property Information
- Paying a deposit or final fee for an existing FOI Request for Property Information

Section 1 – Description of Records Requested

Time Period for Records Requested

From (yyyy/mm/dd) *

To (yyyy/mm/dd) *

1900/01/01

2022/08/02

Type of Record(s) *

- All environmental records relating to the identified property/site exclusive of Environmental Approvals and Registrations
- Environmental Approvals and Registrations (e.g. Environmental Compliance Approvals; Certificate of Approval; Renewable Energy Approvals; Environmental Activity and Sector Registry Registrations)

Select only if you are seeking access to an Approval or Registration that is not publicly available or if you are also seeking supporting documents relating to the Approval or Registration.

Operator and vendor Pesticide Licenses from September 4, 2018, final Approvals and Registrations are publicly available on the Access Environment website at:

<https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/GoSearch.action?search=basic&lang=en>.

Records of Site Condition (RSC) records are publicly available on the Brownfields Environmental Site Registry (BSER).

- RSC records between 2004 to June 30, 2011 are available at:
<https://www.lrcsde.lrc.gov.on.ca/besrWebPublic/generalSearch>
- RSC records filed after July 2011 are available at:
https://www.lrcsde.lrc.gov.on.ca/BFISWebPublic/pub/earchFiledRsc_search?request_locale=en

Other Specific Document(s)

Type of Approval/Registration *

- Drinking Water Licenses
- Pesticide Licenses

- Permits to Take Water
- Noise Vibrations Approvals/Registrations
- Air Emissions Approvals/Registrations
 - No Supporting Documents All Supporting Documents Some Supporting Documents
- Water Approvals/Registrations - Ontario Water Resources Commission, treatment, ground level, standpipes & elevated storage, pumping stations (local & booster), mains
 - No Supporting Documents All Supporting Documents Some Supporting Documents
- Sewage – Treatment, Stormwater, Storm, Leachate & Lieachate Treatment & Sewage pump stations, Sanitary
 - No Supporting Documents All Supporting Documents Some Supporting Documents
- Waste Water - Industrial discharge
 - No Supporting Documents All Supporting Documents Some Supporting Documents
- Waste Sites - Disposal, Landfill sites, Transfer stations, Processing sites, Incinerator sites
 - No Supporting Documents All Supporting Documents Some Supporting Documents
- Waste Management Systems - haulers: sewage, non-hazardous & hazardous waste, mobile waste processing units, Polychlorinated Biphenyls (PCBs) storage, transfer or destruction, Waste Generator Systems
 - No Supporting Documents All Supporting Documents Some Supporting Documents

Company Name

- Waste Generator Registration - number/class

List any record(s) that should be excluded from the scope of your request (e.g. email correspondences; records originating from your organization/business; records already in your possession, prior year(s) annual reports for approvals)

Please provide any additional relevant information relating to your request. For example, does your request relate to any other ministry business? Please note that this information is being requested only in order to provide contextual information to the Access and Privacy Office and will not in any way affect or expedite the status of any related ministry business identified.

Section 2 – Requester Information

Last Name *

Crooks

First Name *

Julie

Middle Initial

Business/Organization Name (if applicable or indicate "N/A") *

Pinchin

Project/Reference Number (if applicable)

306391

Are you submitting this request on behalf of a client? *

- Yes No

Mailing Address

Unit Number

Street Number *

Street Name *

PO Box

City/Town *

Province *

Postal Code *

Telephone Number *

Email Address *

ext.

Is there an alternate contact (e.g. office admin)? *

Yes No

Section 3 – Current Property Address Information

Is the property a:

Park Lake First Nation Band Wind Farm Federal Land Island Unsurveyed Land

Are you requesting information about multiple addresses? *

Yes No

Property Address

Unit Number

Street Number

Street Name

Full Lot Number

Concession

Geographic Township

City/Town/Village *

Closest Intersection

Section 4 – Previous Property Address Information

Do you want the ministry to search all prior historical addresses for this property/site for the time period of the records requested? *

Yes No

Section 5 – Owner Information

Please provide all present and previous property owner and/or tenant names for the search years requested.

Current Property Owner/Tenant

5581 Doctor Leach Drive

Manotick

Owner Name

Date of Ownership (yyyy/mm/dd)

Tenant Name

Section 6 – Supporting Documents

Please upload any documents (e.g. Maps) that are relevant to your FOI request.

The total size of all attachments must not be more than 8 MB.

1. File Name

Total File Size

APPENDIX F
TSSA Archival Search Requests



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 Customer Service: 1.877.682.8772
 Fax: 416.734.3568
 Email: publicinformationsservices@tssa.org
www.tssa.org

Application for Release of Public Information

Fuels Safety

Issued under the Access and Privacy Code

Clear Form

Print Form

A. REQUESTOR INFORMATION:

Your File/Project/Reference No: 306391 Date: Aug 2 2022

Requestor Name: Julie Crooks		Organization Pinchin Ltd.		For Office Use Only	
Suite/Unit No: 200	Street No: 1	Street Name: Hines Road			Authorization No.
City: Ottawa	Province: ON	Postal Code:			Account No.
Primary Phone: 613.286.5102		Secondary Phone:			SR No.
Email: jcrooks@pinchin.com		Fax:			P.I No:

B. DETAILS OF REQUEST (please list in detail the information you require)

Arechival search request for Tanks

C. PLEASE ANSWER ALL THAT APPLY (up to 4 requests per application):

	Request 1	Request 2	Request 3	Request 4
Address of Subject Location:				
Street # and Name*	5581 Doctor Leach Drive			
City	Manotick			
Province	ON			
Postal Code:				
Device/Equipment Type:				
Owner:				
CRN (if applicable):				
OIN (if applicable):				
Serial # (if applicable):				
Victim Name (if applicable):				
Certificate Holder:				
Name				
Date of Birth(DD-MM-YY)				
Date/Period Requested:				
Most Recent				
or				
From (date)				
To (date)				

* Enter only one address per request (e.g. 1 Any Street)



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 Fax: 416.734.3568
 Customer Service: 1.877.682.8772
 Email: publicinformationsservices@tssa.org
www.tssa.org

Application for Release of Public Information

Fuels Safety

Issued under the Access and Privacy Code

D. REASON FOR REQUEST (please explain the reason for your request)

We are completing a Phase I ESA at the property

E. TERMS AND CONDITIONS:

Please refer to the link for our Access and Privacy Code [Access and Privacy Code.pdf](#). If this request includes a release of personal information, TSSA will require consent from the effected party.

Applicant Signature Julie Crooks	Date Aug 2 2022
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F. FEES & PAYMENT:

If you need assistance in determining the quantity and service type, please contact us at: publicinformationsservices@tssa.org before completing this form. TSSA will provide a fee quote for multiple record requests, which must be approved by the Applicant before a record search commences. For fees for single searches, please see below or refer to our [Website Fee Schedule.pdf](#)

(HST Registration No: 891131369)

Enter Quantity	Service	Fee Type	Fee	HST	Total (Including HST)	Quantity	Total Fees Due
WRITTEN REPLIES FOR INDIVIDUAL RECORDS							
1	Storage tank details & reports and "No Record" letters	Per Location	\$ 50	\$ 6.50	\$ 56.50	x	=
	Fuels Safety incident/occurrence reports	Per Report	\$ 50	\$ 6.50	\$ 56.50	x	=
	Written/hard copy confirmation of licensing, certification, registration	Per Item	\$ 50	\$ 6.50	\$ 56.50	x	=
SUPPLYING MULTIPLE RECORDS							
	Pulling files, looking up information on computer. Researching information (consulting with other staff & sources)	Per Hour*	\$ 120	\$ 15.60	\$ 135.60	x	=
	Research and/or review of documents for disclosure. Computer costs (programming, consulting, researching)	Per Hour*	\$ 120	\$ 15.60	\$ 135.60	x	=

Total Fees Due	1
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If paying by credit card, value in Box 1 to be entered in TSSA Service Prepayment Portal

All required fees must be prepaid for application to be processed. Fees are non-refundable.
For payment options, see Payment Instructions

*Supplying multiple records will be charged at the applicable hourly rate. One hour minimum fee required with submission, any additional hours will be invoiced. **Note: Expedited (Rush) service is not available for Public Information requests.**



Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Customer Service: 1.877.682.8772
Email: customerservices@tssa.org
www.tssa.org

PAYMENT INSTRUCTIONS

TSSA use only WO # _____	L # _____ CH # _____
------------------------------------	-------------------------

If paying by cheque, bank draft, money order, this form must accompany all applications submitted to TSSA. A separate payment form is required for each application. Please refer to our fee schedule posted on our website www.tssa.org. HST Registration No: 891131369.

Payment Options:

Credit Card - Click link below

[TSSA Service Prepayment Portal](https://forms.tssa.org/Payments/Service-Prepayment-Portal)

<https://forms.tssa.org/Payments/Service-Prepayment-Portal>

Cheque, Bank Draft or Money Order (payable to Technical Standards and Safety Authority)

Name of Applicant/Organization:

Telephone No:

Email Address: jcrooks@pinchin.com

Cheque/Bank Draft/Money Order #: _____

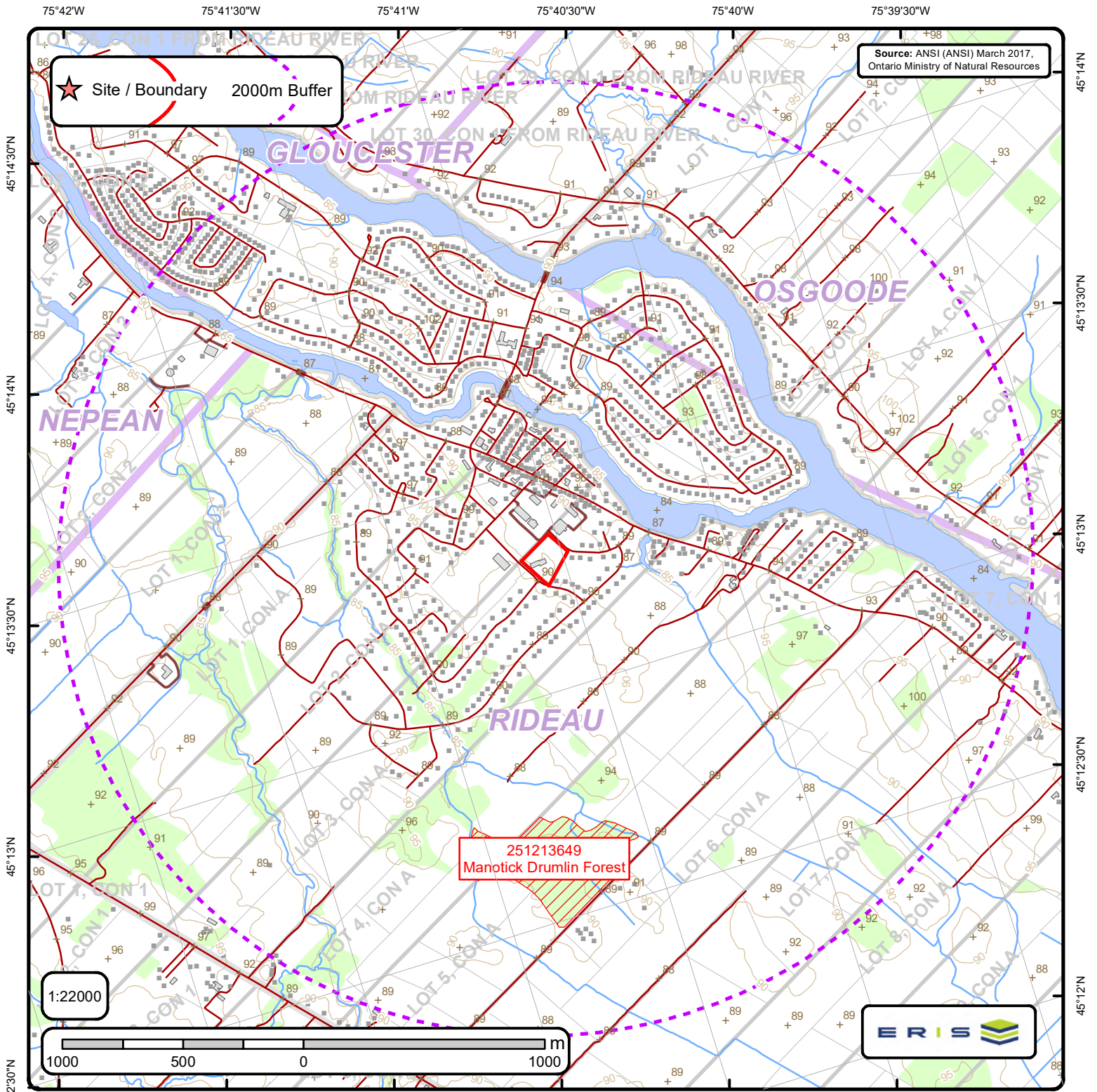
Mail payment along with a copy of your application to:

Attention: Accounts Receivable
Technical Standards and Safety Authority
345 Carlingview Drive
Toronto, Ontario M9W 6N9

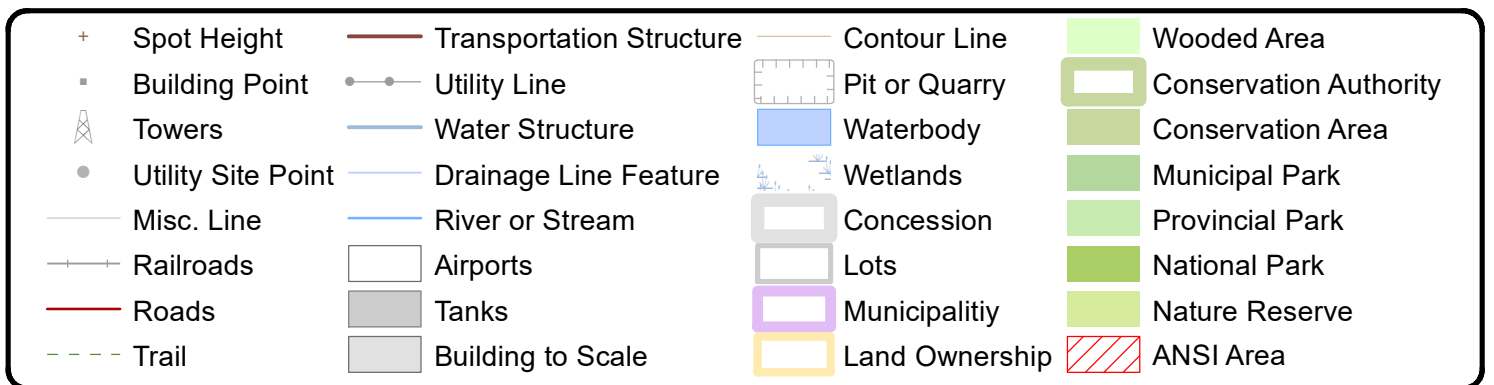
If a copy of the application is not submitted with your payment, this will delay the processing of the application.

Dishonored Payments: A \$35 administration fee will apply for each returned item

APPENDIX G
Maps



Area of Natural & Scientific Interest (ANSI) Order No. 22073100096





ANSI Report

ANSI Units Found within 2000 m of
5581 Dr Leach Dr

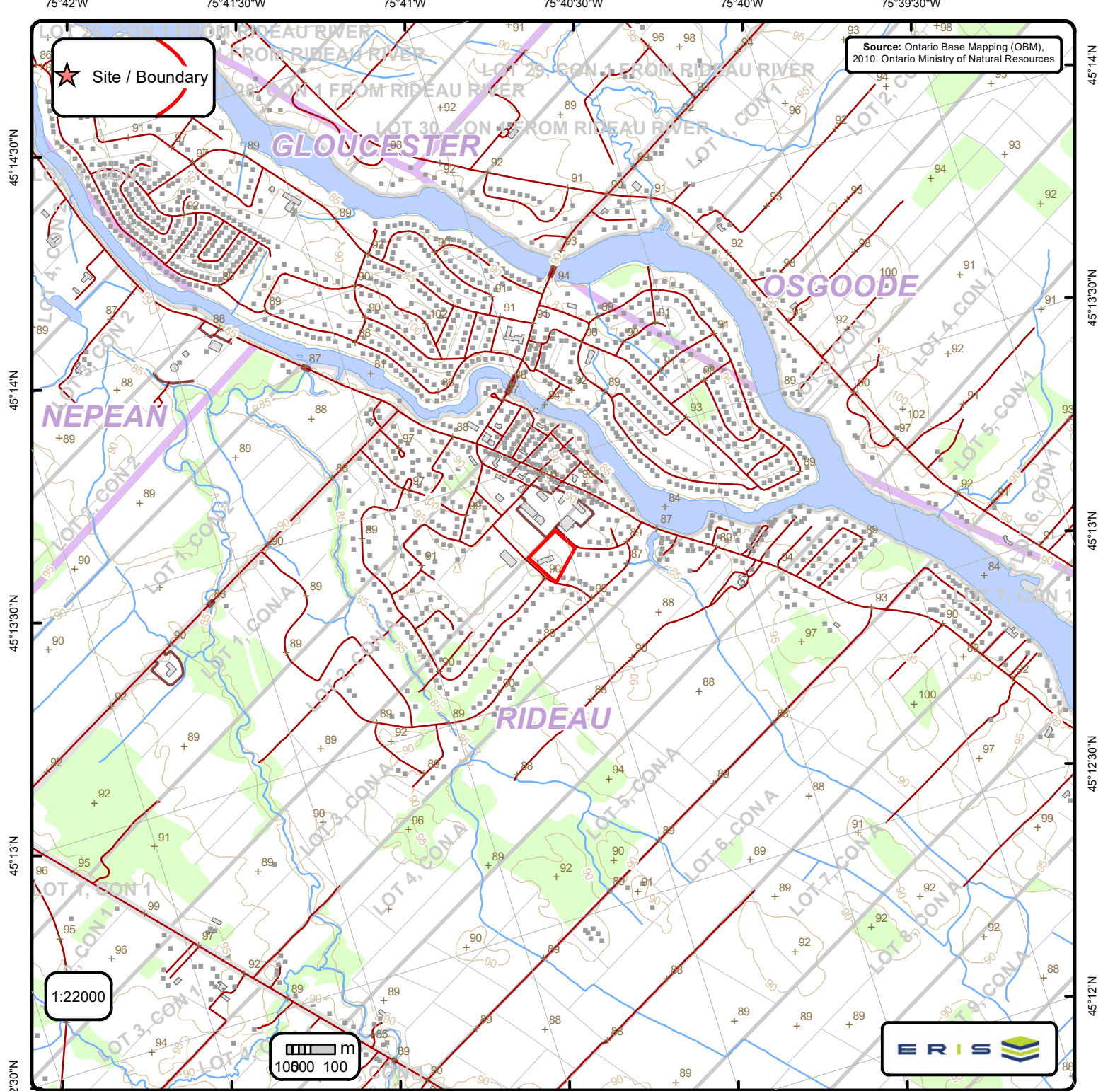
Page 1
Order No.
22073100096



ANSI Name: Manotick Drumlin Forest

ID: 251213649 | **Type:** Candidate ANSI, Life Science | **Significance:** Provincial | **Management Plan:** No | **Area (sqm):** 168334.624 |

Comments:



Ontario Base Mapping (OBM) Data

Order No. 22073100096

+ Spot Height (metre)	— Transportation Structure	— Contour Line	Wooded Area
■ Building Point	● Utility Line	▭ Pit or Quarry	▭ Conservation Authority
⚙ Towers	— Water Structure	▭ Waterbody	▭ Conservation Area
● Utility Site Point	— Drainage Line Feature	▭ Wetlands	▭ Municipal Park
— Misc. Line	— River or Stream	▭ Concession	▭ Provincial Park
— Railroads	▭ Airports	▭ Lots	▭ National Park
— Roads	■ Tanks	▭ Municipality	▭ Nature Reserve
- - - Trail	▭ Building to Scale	▭ Land Ownership	