

Phase I – Environmental Site Assessment

1883 Stittsville Main Street
Ottawa, Ontario

Prepared for Mattamy Homes

Report: PE6592-1R

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EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Mattamy Homes to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for 1883 Stittsville Main Street, in the City of Ottawa, Ontario. The objective of this Phase I ESA was to research the past and current use of the site (Phase I Property) and 250 m study area (Phase I Study Area) and to identify any environmental concerns with the potential to have impacted the subject property.

According to the historical research, the Phase I Property first developed for residential use with the exiting dwelling circa 1980, and has not changed since that time. Prior to that, the property was used for agricultural purposes (animal pens). No potentially contaminating activities were identified with respect to the historical use of the Phase I Property.

The surrounding lands within the Phase I Study Area have historically been developed for residential purposes, with no significant commercial properties. Undeveloped land is present to the east of the Phase I Property. No potentially contaminating activities were identified with respect to the historical use of the properties situated within the Phase I Study Area.

Presently, the Phase I Property remains occupied by the aforementioned residential dwelling, though it is currently vacant of any tenants. No potentially contaminating activities were identified with respect to the current use of the Phase I Property.

The surrounding lands within the Phase I Study Area currently consist of residential developments, and with minimal commercial owners (drywall, taping and plastering contractor and electrician). Undeveloped land is present to the east of the Phase I Property. No potentially contaminating activities were identified with respect to the current use of the properties situated within the Phase I Study Area.

Based on the findings of this assessment, it is our opinion that **a Phase II – Environmental Site Assessment will not be required for the Phase I Property.**

Recommendations

Potentially Hazardous Building Materials

Based on the age of the subject building, asbestos containing materials (ACMs) may be present within the structure. Potential ACMs observed in the subject building includes the drywall joint compound, linoleum flooring, stipple plaster finish, and suspended ceiling tiles. These materials were observed to be in good condition at the time of the site inspection and do not represent an immediate concern. An asbestos survey of the building should be conducted in accordance with Ontario Regulation 278/05, under the Occupational Health and Safety Act, prior to any proposed demolition or renovation activities, if one has not already been conducted.

Lead-based paint may be present on any remaining original surfaces within the building. It is recommended that paint be tested for lead content prior to its disturbance. Major work involving lead-based paint or other lead containing products must be done in accordance with Ontario Regulation 843, under the Occupational Health and Safety Act.

1.0 INTRODUCTION

At the request of Mattamy Homes, Paterson Group (Paterson) conducted a Phase I – Environmental Site Assessment (Phase I ESA) for 1883 Stittsville Main Street, in the City of Ottawa, Ontario, (Phase I Property). The objective of this Phase I ESA has been to research the past and current use of the Phase I Property, as well as the neighbouring properties within a 250 m study area (Phase I Study Area), to identify any potentially contaminating activities (PCAs) that would result in areas of potential environmental concern (APECs) on the Phase I Property.

Paterson was engaged to conduct this Phase I ESA by Mr. Connor Gallagher of Mattamy Homes, who can be reached by telephone at 613-218-0139.

This report has been prepared specifically and solely for the above noted project which is described herein. It contains all of our findings and results of the environmental conditions at this site.

This Phase I ESA report has been prepared under the supervision of a Qualified Person, in general accordance with Ontario Regulation (O. Reg.) 153/04, as amended under the Environmental Protection Act, and CSA Z768-01 (reaffirmed 2022). The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I ESA are based on a review of readily available geological, historical, and regulatory information, as well as a cursory review made at the time of the field assessment. The historical research relies upon information supplied by others, such as local, provincial, and federal agencies, and was limited within the scope-of-work, time, and budget of the project herein.

2.0 PHASE I PROPERTY INFORMATION

Address: 1883 Stittsville Main Street, Ottawa, Ontario.

Location: The Phase I Property is situated on the east side of Stittsville Main Street, south of Parade Drive, in the City of Ottawa, Ontario. Refer to Figure 1 – Key Plan, for the site location context.

Latitude and Longitude: 45° 14' 28.21" N, 75° 54' 42.75" W.

Site Description:

Configuration: Irregular.

Area: 1.05 ha (approximately).

Zoning: R4Z – Residential Fourth Density Zone.

Current Use: The Phase I Property is currently used for residential purposes and is occupied by a two-storey single-family home. It should be noted that the building is currently vacant.

Services: The Phase I Property, prior to vacancy, was serviced by a private well and septic system. Some of the older developments in the Phase I Study Area utilize a private well and septic system, whereas the more recent developments are serviced with municipal sewer and water infrastructure.

3.0 SCOPE OF INVESTIGATION

The scope of work for this Phase I ESA is described as follows:

- ☐ Determine the historical activities occurring on the Phase I Property and in the Phase I Study Area by conducting a review of readily available records, reports, photographs, plans, mapping information, databases, and regulatory agencies;
- ☐ Investigate the existing conditions present on the Phase I Property and in the Phase I Study Area by conducting site reconnaissance;
- ☐ Conduct interviews with persons knowledgeable of current and historic operations on the Phase I Property and, if warranted, the neighbouring properties;
- ☐ Present the results of our findings in a comprehensive report in general accordance with the requirements O. Reg. 153/04, as amended under the Environmental Protection Act, and in compliance with the requirements of CSA Z768-01 (reaffirmed 2022);
- ☐ Provide a preliminary environmental site evaluation based on our findings;
- ☐ Provide preliminary remediation recommendations and further investigative work if contamination is suspected or encountered.

4.0 RECORDS REVIEW

4.1 General

Phase I ESA Study Area Determination

A radius of approximately 250 m was deemed appropriate for defining the study area for this assignment, herein referred to as the Phase I Study Area. Properties located outside of the Phase I Study Area are not considered to have had the potential to impact the Phase I Property, based on their significant separation distances.

First Developed Use Determination

Based on a review of available historical information, the Phase I Property was first developed circa 1980s with the existing two-storey dwelling.

Fire Insurance Plans

Fire insurance plans (FIPs) are not available for the general area of the Phase I ESA Property.

City of Ottawa Street Directories

City of Ottawa street directories were reviewed in approximate 10-year intervals between 2000 and 2011 for the general area of the Phase I Property as part of this assessment. It should be noted that no listings were found for the streets in the Phase I Study Area during and prior to 2000. These directories contain a description of the historical property uses within the general area of the Phase I Property.

According to the directories, the Phase I Property was used for residential purposes. No potentially contaminating activities were identified on the Phase I Property.

The surrounding properties within the Phase I Study area were historically listed as residential, with two addresses listed as commercial names (Henrik Building Inc. and Monarch Construction) and a bed and breakfast (Tall Pine Bed and Breakfast). Based on a review of the directories, no potentially contaminating activities were identified within the Phase I Study Area.

Plan of Survey

A survey plan was not provided to Paterson for review as part of this assessment.

Chain of Title

A chain of title was not requested for the Phase I Property as part of this assessment, since it is our opinion that no new information would be ascertained.

Previous Engineering Reports

A review of environmental projects completed by Paterson in the vicinity of the Phase I Study Area did not identify any concerns considered to pose a risk to the Phase I Property.

There is an on-going geotechnical program, and based on a review of the field logs, the soil on the Phase I Property consists of topsoil and organics, followed by a glacial till deposit, and then weathered bedrock. The glacial till deposit generally consisted of brown silty sand, sand, and/or sandy silt, with gravel, cobbles, and/or boulders throughout.

Bedrock was encountered in all test pits at depths ranging from 1.35 to 3.0 m below the existing ground surface. Bedrock was observed to consist of shale in TP1-24. Groundwater infiltration into the open test pits was not visible at the time of the field program.

4.2 Environmental Source Information

National Pollutant Release Inventory

A search of the National Pollutant Release Inventory (NPRI) database was conducted as part of this assessment. This federally managed database provides various reports and tracking information relating to the release of solid, liquid, or gaseous pollutants from industrial facilities into the natural environment.

A search of this database did not identify any pollutant release records listed for the Phase I Property, or any properties situated within the Phase I Study Area.

MECP Incident Reports

A request was submitted to the MECP Freedom of Information office for information with respect to records concerning environmental incidents, orders,

offences, spills, discharges of contaminants, or inspections maintained by the MECP for the Phase I Property or any of the neighbouring properties.

The response issued by the MECP on July 2, 2024, did not identify any records. A copy of the response is included in the appendix of this report.

MECP Submissions

A request was submitted to the MECP Freedom of Information office for information with respect to reports related to environmental conditions for the Phase I Property.

The response issued by the MECP on July 2, 2024, did not identify any records. A copy of the response is included in the appendix of this report.

MECP Instruments

A request was submitted to the MECP Freedom of Information office for information with respect to certificates of approval, permits to take water, certificates of property use, or any other similar MECP issued instruments for the Phase I Property.

The response issued by the MECP on July 2, 2024, did not identify any records. A copy of the response is included in the appendix of this report.

MECP Waste Management Records

A request was submitted to the MECP Freedom of Information office for information with respect to waste management records for the Phase I Property.

The response issued by the MECP on July 2, 2024, did not identify any records. A copy of the response is included in the appendix of this report.

MECP Waste Disposal Site Inventory

The Ontario Ministry of Environment, Conservation and Parks document entitled, *"Waste Disposal Site Inventory in Ontario, 1991"* was reviewed as part of this assessment. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants, and coal tar distillation plants situated in the Province of Ontario.

A review of this document did not identify any former waste disposal sites situated on the Phase I Property or within the Phase I Study Area.

Ontario PCB Waste Storage Site Inventory

The Ontario Ministry of Environment, Conservation and Parks document entitled, *"Ontario Inventory of PCB Storage Sites, April 1995"* was reviewed as part of this assessment. This document identifies all recorded active and closed PCB waste storage sites situated in the Province of Ontario.

A review of this document did not identify any former PCB waste storage sites situated within the Phase I Study Area.

MECP Coal Gasification Plant Inventory

The Ontario Ministry of Environment, Conservation and Parks document entitled, *"Municipal Coal Gasification Plant Site Inventory, 1991"* was reviewed as part of this assessment. This document provides a reference to the locations of former plants with respect to the Phase I Property.

A review of this document did not identify any former coal gasification plants located on the Phase I Property or within the Phase I Study Area.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted on June 10, 2024, as part of this assessment. This database contains publicly available information on Records of Site Condition (RSCs) filed in the Province of Ontario between 2004 and 2022.

A search of the online registry did not identify any RSCs filed for the Phase I ESA Property, or any properties situated within the Phase I Study Area.

OMNRF Areas of Natural and Scientific Interest (ANSI)

A search for ANSI sites situated within the Phase I Study Area was conducted electronically via the Ontario Ministry of Natural Resources and Forestry (OMNRF) website as part of this assessment.

A review of the available mapping information did not identify any ANSI sites situated on the Phase I Property or within the Phase I Study Area.

Technical Standards and Safety Authority (TSSA)

The TSSA Fuels Safety Branch in Toronto was contacted electronically on June 17, 2024, as part of this assessment, to inquire about current and former fuel

storage tanks, spills, and historical incidents for the Phase I Property as well as the neighbouring properties within the Phase I Study Area.

The response from the TSSA indicated that no records were identified as associated with the Phase I Property or any other properties situated within the Phase I Study Area. A copy of the correspondence with the TSSA is included in Appendix 2.

City of Ottawa Former Industrial Sites

The document prepared by Intera Technologies Limited entitled, *“Mapping and Assessment of Former Industrial Sites, City of Ottawa”*, was reviewed as part of this assessment. This document identifies the details and locations of all former industrial sites situated in the City of Ottawa.

A review of this document did not identify any former industrial sites situated on the Phase I ESA Property or within the Phase I Study Area.

City of Ottawa Old Landfill Sites

The document prepared by Golder Associates entitled, *“Old Landfill Management Strategy, Phase I - Identification of Sites, City of Ottawa”*, was reviewed as part of this assessment. This document identifies the details and locations of all recorded closed landfill sites situated in the City of Ottawa.

A review of this document did not identify any former landfill sites situated within the Phase I Study Area.

City of Ottawa Historical Land Use Inventory (HLUI) Database

As part of this assessment, a requisition form was submitted to the City of Ottawa to request information from the City’s Historical Land Use Inventory (HLUI) database for any environmental records pertaining to the Phase I Property as well as any properties situated within the Phase I Study Area.

A response from the City of Ottawa was received on July 25, 2024. One record was identified at a property located approximately 125 m to the north of the Phase I Property. The record pertained to a fire protection service contractor. Aerial photos of this location seem to show a residential dwelling. Based on the nature of the record, and the separation distance from the Phase I Property, this HLUI record is not considered to represent a PCA. A copy of the response has been included in Appendix 2.

ERIS Database Report

A database report, prepared by ERIS (Environmental Risk Information Services Ltd.), dated June 7, 2024, was acquired and reviewed as part of this assessment. This report provides a compilation of various provincial and federal environmental related records pertaining to any properties situated within the Phase I Study Area. The complete ERIS report has been included in Appendix 2.

❑ On-Site Records:

The ERIS report identified one record associated with the Phase I Property, pertaining to a well used for domestic water supply, installed in 1976. According to the record, the overburden stratigraphy on the Phase I ESA Property consists of fill, with brown sand and stones. Bedrock was encountered at 9 ft and consists of grey limestone.

❑ Off-Site Records:

The ERIS report identified 48 records associated with the properties situated within the Phase I Study Area.

The ERIS report identified 40 well records and two borehole records within the Phase I Study Area. These records are discussed below in the MECP Water Well Records section.

The remaining records identified in the database report pertain to environmental compliance approvals, a pipeline incident, where a ½" natural gas line was struck due to absence of utility locates (125 m from Phase I Property), and a permit to take water, and are not considered to pose an environmental concern to the Phase I Property.

4.3 Physical Setting Sources

Historical aerial photographs of the Phase I Study Area were obtained from the National Air Photo Library and reviewed in approximate ten-year intervals. Based on a review of these photographs, the following observations have been made:

1959	The Phase I Property and surrounding lands appear to be vacant at this time. Stittsville Main Street and Fernbank Road can be seen in this photograph.
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1967	No significant changes are apparent with respect to the surrounding lands since the time of the previous aerial photograph.
1976	The Phase I Property appears to be occupied by animal pens or vacant spaces. A barn, or similar structure, is present immediately adjacent to the northeast corner of the Phase I Property boundary. A horse racing track is present to the southeast.
1984	(Poor scale, poor quality) No significant changes are apparent with respect to the Phase I Property since the time of the previous aerial photograph. Residential development is occurring to the south of the Phase I ESA Property.
1999	The Phase I ESA Property is occupied by the residential dwelling that exists today. The barn structure noted in the 1976 photograph is still present to the northeast of the Phase I ESA property. The surrounding lands to the north appear to have been developed by a few residential properties, as well as the lands to the south along Stittsville Main Street.
2007	No significant changes are apparent with respect to the Phase I Property since the time of the previous aerial photograph. Residential dwellings have been developed to the southeast of the Phase I ESA Property. Several roads are being constructed on the lands to the west of the Phase I Property.
2017	No significant changes are apparent with respect to the Phase I Property since the time of the previous aerial photograph. The structure adjacent to the north of the Phase I Property, as well as the structures visible further to the north, are no longer present. The lands adjacent to the east of the Phase I Property are undergoing redevelopment.
2022	No significant changes are apparent with respect to the Phase I Property since the time of the previous aerial photograph. The surrounding lands to the east and south have been developed with residential dwellings. The Phase I Property and the surrounding lands appear as they exist today.

Copies of the aerial photographs selected for review are included in Appendix 1.

Geological Maps

Geological mapping information for the Phase I Property was obtained from The Geological Survey of Canada – Urban Geology of the National Capital Area and reviewed as part of this assessment.

Based on the available mapping information, the bedrock beneath the Phase I Property generally consists of interbedded limestone and dolomite of the Gull River Formation. The surficial geology consists primarily of Paleozoic rocks, with minimal glaciofluvial deposits towards the southwest portion of the property. Drift thickness ranging from approximately 0 to 15 m.

Topographic Maps

A topographic map of the Phase I Property was obtained from the Natural Resources Canada – The Atlas of Canada website and reviewed as part of this assessment.

The topographic map indicates that the general elevation of the Phase I Property is approximately 120 m above sea level, while the regional topography within the greater area is depicted as sloping gently downwards towards the east-southeast.

An illustration of the referenced topographic map is presented on Figure 2 – Topographic Map, appended to this report.

Physiographic Maps

A physiographic map was obtained from the Natural Resources Canada – The Atlas of Canada website and reviewed as a part of this assessment.

According to the publication and available mapping information, the Phase I Property is situated within the St. Lawrence Lowlands. According to the description provided: “...*the lowlands are plain-like areas that were affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets.*” The Phase I Property is specifically located within the Central St. Lawrence Lowland area, which is rarely more than 150 m above sea level.

Water Bodies

No water bodies are present on the Phase I Property.

The nearest named water body with respect to the Phase I Property is Poole Creek, located approximately 450 m to the northwest. Additionally, Fernbank Wetland is located approximately 135 m west of the Phase I Property.

MECP Water Well Records

A search of the MECPs website for all drilled well records within a 250 m radius of the Phase I Property was conducted as part of this assessment. The search identified 45 well records within the Phase I Study Area. These records pertain to wells installed between 1961 and 2012, which were installed for domestic water supply purposes. Two of the records (2010 and 2019) pertain to well abandonment or other.

According to the well records, the overburden stratigraphy in the general area of the Phase I Property predominately consists of brown or grey sand with gravel and/or boulders. Bedrock was reported to be encountered at depths ranging from 2 to 60 ft and consists primarily of grey limestone, with minimal shale, according to the well records.

Select copies of the aforementioned well records have been included in Appendix 2.

5.0 INTERVIEWS

Property Owner Representative

Mr. Ross Bradley, the property owner since 1975, was contacted via email to respond to questioning about the environmental history of the Phase I Property.

Mr. Bradley stated that the existing building was constructed circa 1975, and that it has not undergone any renovations. Mr. Bradley indicated that prior to being converted to natural gas, the building was heated using electricity. He stated that no asbestos or hazardous materials assessments have been conducted at the subject building.

Mr. Bradley stated that he was unaware of any potential environmental concerns with respect to the subject site.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

A site inspection was conducted for the Phase I Property on June 4, 2024, between 3:00 PM and 4:15 PM by personnel from the Environmental Department of Paterson Group. Weather conditions were clear, with a temperature of approximately 29 °C.

In addition to the Phase I Property, the uses of neighbouring properties within the Phase I Study Area were also assessed at the time of the site inspection.

6.2 Specific Observations at the Phase I Property

Site Description

The Phase I Property is currently occupied by a two-storey residential dwelling in the eastern-central portion of the Phase I Property. The front of the subject building is largely landscaped with grassed areas, an asphalt pathway, and some mature trees. The central portion of the Phase I Property is occupied by trees and brush, and the southern portion is grassed.

The site topography is relatively uneven in the treed portion of the subject site, and the topography slopes down from the subject building. The regional topography appears to slope down towards the east. The Phase I Property is generally built-up with respect to the adjacent streets and surrounding properties.

Water drainage on the Phase I Property occurs primarily via infiltration throughout the property. No ponded water, stressed vegetation, surficial staining, or any other indications of potential sub-surface contamination were observed on the Phase I Property at time of the site inspection.

A depiction of the Phase I Property is illustrated on Drawing PE6592-1 – Site Plan, in the Figures section of this report.

Buildings and Structures

At the time of the site inspection, the Phase I Property was occupied by a two-storey residential dwelling, with one full basement level. The building is constructed with a concrete foundation and is finished on the exterior with brick cladding in addition to a sloped and shingled roof. The building is currently heated via a natural gas-fired furnace, located in a basement utility room.

It should be noted that the building is currently vacant and no longer used for residential purposes.

Potential Environmental Concerns

❑ Fuels and Chemical Storage

At the time of the site inspection, no vent and fill pipes, above ground fuel storage tanks (ASTs), or evidence indicating the presence of any underground fuel storage tanks (USTs) were observed on the exterior of the Phase I Property.

❑ Hazardous Materials and Unidentified Substances

At the time of the site inspection, no hazardous materials, unidentified substances, spills, surficial staining, abnormal odours, stressed vegetation, or any other indications of potential sub-surface contamination were observed on the exterior of the Phase I Property.

❑ Polychlorinated Biphenyls (PCBs) and Transformer Oil

At the time of the site inspection, no electrical transformers or any other potential sources of PCBs or transformer oil were identified on the exterior of the Phase I Property.

☐ **Waste Management**

At the time of the site inspection, no waste materials were being generated on the Phase I Property, as it is currently vacant.

Interior Assessment

A general description of the interior of the subject building is as follows:

- ☐ The floors consist of carpet, ceramic tile, and hardwood on the main floor, upstairs, and basement living spaces, with poured concrete flooring in the basement utility rooms;
- ☐ The walls consist of drywall, ceramic tile, a brick fireplace on the main floor, and concrete blocks in the basement utility rooms;
- ☐ The ceilings consist of drywall, stipple and decorative plaster, with unfinished ceilings in the basement utility rooms;
- ☐ Lighting throughout the building is provided by incandescent and fluorescent light fixtures.

Potentially Hazardous Building Products

☐ **Asbestos-Containing Materials (ACMs)**

Based on the age of the subject building, asbestos containing building materials may be present within the structure. Potential ACMs observed in the subject building include the drywall joint compound, linoleum flooring, stipple plaster finish, and suspended ceiling tiles. These materials were observed to be in good condition at the time of the site inspection and do not represent an immediate concern.

☐ **Lead-Based Paints**

Based on the age of the subject building, lead-based paints may be present on any original or older painted surfaces. Painted surfaces were generally observed to be in good condition at the time of the site inspection and do not represent an immediate concern.

☐ **Polychlorinated Biphenyls (PCBs) and Transformer Oil**

No potential sources of PCBs were identified inside the subject building at the time of the site inspection.

☐ **Urea Formaldehyde Foam Insulation (UFFI)**

UFFI was not observed inside the subject building at the time of the site inspection, however, wall cavities were not exposed to verify the insulation type.

Other Potential Environmental Concerns

☐ **Interior Fuel and Chemical Storage**

At the time of the site inspection, no chemical products, vent and fill pipes, aboveground fuel storage tanks, or evidence indicating the presence of any underground fuel storage tanks were observed inside the subject building.

☐ **Ozone Depleting Substances (ODSs)**

Ozone depleting substances (ODSs) may be present in refrigerators, coolers or fire extinguishers. These appliances should be serviced by a licensed contractor as required.

☐ **Wastewater Discharges**

At the time of the site inspection, a sump pit was observed in the basement of the subject building. It was approximately 2 ft by 2 ft and was dry at the time of inspection. A pit was present in the garage of the subject building. No floor drains or pits were observed inside the subject building.

Presently, no wastewater (wash water or sewage) is generated by the subject building. Roof drainage is discharged via infiltration throughout the surrounding landscaped portions of the property. No concerns were identified with respect to wastewater discharge on the Phase I Property.

Neighbouring Properties

At the time of the site inspection, a survey of the neighbouring properties was conducted from publicly accessible roadways.

Land use adjacent to the Phase I Property was observed as follows:

North: Parade Drive, followed by residential dwellings.

East: Falabella Street, followed by residential dwellings.

South: Campolina Way, followed by residential dwellings.

West: Stittsville Main Street, followed by residential dwellings and Traditions Woodlot.

No potential environmental concerns were identified with respect to the current use of the adjacent properties. The neighbouring land use within the Phase I Study Area is depicted on Drawing PE6592-2 – Surrounding Land Use Plan, in the Figures section of this report.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

Based on a review of available historical information, the land use history of the Phase I Property is summarized below in Table 1.

Table 1 Land Use History 1883 Stittsville Main Street, Ottawa, Ontario			
Time Period	Land Use	Description	Observations
Prior to 1959	Unknown Use	Unknown	No historical information available prior to this time period.
1959-c.1980s	Agricultural or Other Use	Vacant Land	Aerial photographs from 1959, 1967, and 1976, depict the Phase I Property as vacant land during this time period. However, part of a small structure appears to have occupied a small portion of the Phase I Property in the 1976 aerial photo.
c. 1980s-Present	Residential Use	Residential Dwelling	Aerial photographs from the 1990's to the present day, as well as a site inspection and personal interviews, confirm the historical and existing presence of the residential dwelling occupying the Phase I Property during this time period.

Potentially Contaminating Activities (PCAs)

Based on the findings of the Phase I ESA, no potentially contaminating activities (PCAs), were identified on the Phase I Property.

Areas of Potential Environmental Concern (APECs)

Based on the findings of the Phase I ESA, no APECs were identified on the Phase I Property.

Contaminants of Potential Concern (CPCs)

Based on the findings of the Phase I ESA, no CPCs were identified on the Phase I Property.

7.2 Conceptual Site Model

Geological and Hydrogeological Setting

Based on the available mapping information, the bedrock beneath the Phase I Property generally consists of interbedded limestone and dolomite of the Gull River Formation. The surficial geology consists primarily of Paleozoic rocks, with minimal glaciofluvial deposits towards the southwest portion of the property. Drift thickness ranging from approximately 0 to 15 m.

Water Bodies and Areas of Natural and Scientific Interest

No water bodies or areas of natural and scientific interest are present on the Phase I Property or within the Phase I Study Area.

The nearest named water body with respect to the Phase I Property is Poole Creek, located approximately 450 m to the northwest. Additionally, Fernbank Wetland is located approximately 135 m west of the Phase I Property.

Drinking Water Wells

Several potable water wells exist within the Phase I Study Area.

Existing Buildings and Structures

The Phase I Property is currently occupied by a two-storey residential dwelling.

Current and Future Property Use

The Phase I Property is currently vacant. Prior to vacancy, the Phase I Property was used for residential purposes.

Based on the conceptual drawings, is our understanding that the proposed development will consist of seven back-to-back townhouse buildings which may include 1 basement level.

Since the proposed change in land use is not considered to be more sensitive than the existing use, a record of site condition (RSC) will not be required to be filed with the MECP.

Neighbouring Land Use

The surrounding lands within the Phase I Study Area consist largely of residential properties. Current land use is depicted on Drawing PE6592-2 – Surrounding Land Use Plan, in the Figures section of this report.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 7.1 of the Phase I ESA report, no potentially contaminating activities (PCAs), were identified on the Phase I Property or properties in the Phase I Study Area.

Contaminants of Potential Concern

Based on the findings of the Phase I ESA, no CPCs were identified on the Phase I Property.

Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I ESA is considered to be sufficient to conclude that there are no PCAs or APECs associated with the Phase I Property.

The absence of any PCAs was confirmed by a variety of independent sources, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

8.0 CONCLUSIONS

8.1 Assessment

Paterson Group was retained by Mattamy Homes to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for 1883 Stittsville Main Street, in the City of Ottawa, Ontario. The objective of this Phase I ESA was to research the past and current use of the site (Phase I Property) and 250 m study area (Phase I Study Area) and to identify any environmental concerns with the potential to have impacted the subject property.

According to the historical research, the Phase I Property first developed for residential use with the exiting dwelling circa 1980, and has not changed since that time. Prior to that, the property was used for agricultural purposes (animal pens). No potentially contaminating activities were identified with respect to the historical use of the Phase I Property.

The surrounding lands within the Phase I Study Area have historically been developed for residential purposes, with no significant commercial properties. Undeveloped land is present to the east of the Phase I Property. No potentially contaminating activities were identified with respect to the historical use of the properties situated within the Phase I Study Area.

Presently, the Phase I Property remains occupied by the aforementioned residential dwelling, though it is currently vacant of any tenants. No potentially contaminating activities were identified with respect to the current use of the Phase I Property.

The surrounding lands within the Phase I Study Area currently consist of residential developments, and with minimal commercial owners (drywall, taping and plastering contractor and electrician). Undeveloped land is present to the east of the Phase I Property. No potentially contaminating activities were identified with respect to the current use of the properties situated within the Phase I Study Area.

Based on the findings of this assessment, it is our opinion that **a Phase II – Environmental Site Assessment will not be required for the Phase I Property.**

8.2 Recommendations

Potentially Hazardous Building Materials

Based on the age of the subject building, asbestos containing materials (ACMs) may be present within the structure. Potential ACMs observed in the subject building includes the drywall joint compound, linoleum flooring, stipple plaster finish, and suspended ceiling tiles. These materials were observed to be in good condition at the time of the site inspection and do not represent an immediate concern. An asbestos survey of the building should be conducted in accordance with Ontario Regulation 278/05, under the Occupational Health and Safety Act, prior to any proposed demolition or renovation activities, if one has not already been conducted.

Lead-based paint may be present on any remaining original surfaces within the building. It is recommended that paint be tested for lead content prior to its disturbance. Major work involving lead-based paint or other lead containing products must be done in accordance with Ontario Regulation 843, under the Occupational Health and Safety Act.

9.0 STATEMENT OF LIMITATIONS

This Phase I – Environmental Site Assessment report has been prepared in general accordance with O.Reg. 153/04, as amended, and meets the requirements of CSA Z768-01 (reaffirmed 2022). The conclusions presented herein are based on information gathered from a limited historical review and field inspection program. The findings of the Phase I ESA are based on a review of readily available geological, historical, and regulatory information as well as a cursory review made at the time of the field assessment. The historical research relies on information supplied by others, such as local, provincial, and federal agencies and was limited within the scope-of-work, time, and budget of the project herein.

Should any conditions be encountered at the Phase I Property and/or historical information that differ from our findings, we request that we be notified immediately in order to allow for a reassessment.

This report was prepared for the sole use of Mattamy Homes. Permission and notification from Mattamy Homes and Paterson Group will be required prior to the release of this report to any other party.

Paterson Group Inc.



Vanessa Naufal, Environmental Technician



Adrian Menyhart, P.Eng., ing., QP_{ESA}



Report Distribution:

- ☐ Mattamy Homes
- ☐ Paterson Group Inc.

10.0 REFERENCES

Federal Records

- ☐ Natural Resources Canada: Air Photo Library.
- ☐ Natural Resources Canada: The Atlas of Canada.
- ☐ Geological Survey of Canada: Surficial and Subsurface Mapping.
- ☐ Environment Canada: National Pollutant Release Inventory.
- ☐ National Archives of Canada.

Provincial Records

- ☐ MECP: Freedom of Information and Privacy Office.
- ☐ MECP: Municipal Coal Gasification Plant Site Inventory, 1991.
- ☐ MECP: Waste Disposal Site Inventory, 1991.
- ☐ MECP: Brownfields Environmental Site Registry.
- ☐ MECP: Water Well Inventory.
- ☐ MECP: Ontario PCB Waste Storage Site Inventory, 1995.
- ☐ Office of Technical Standards and Safety Authority, Fuels Safety Branch.
- ☐ Ministry of Natural Resources and Forestry Areas of Natural Significance.
- ☐ Chapman, L.J., and Putnam, D.F., 1984: 'The Physiography of Southern Ontario, Third Edition', Ontario Geological Survey Special Volume 2.

Municipal Records

- ☐ City of Ottawa: GeoOttawa
- ☐ City of Ottawa: Historical Land Use Inventory Database
- ☐ City of Ottawa: document entitled, "Old Landfill Management Strategy, Phase I – Identification of Sites", prepared by Golder Associates, 2004.

Local Information Sources

- ☐ Personal Interviews.
- ☐ Previous Engineering Reports.

Public Information Sources

- ☐ ERIS Database Report.
- ☐ Google Earth.
- ☐ Google Maps/Street View.

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE6592-1 – SITE PLAN

DRAWING PE6592-2 – SURROUNDING LAND USE PLAN



FIGURE 1
KEY PLAN

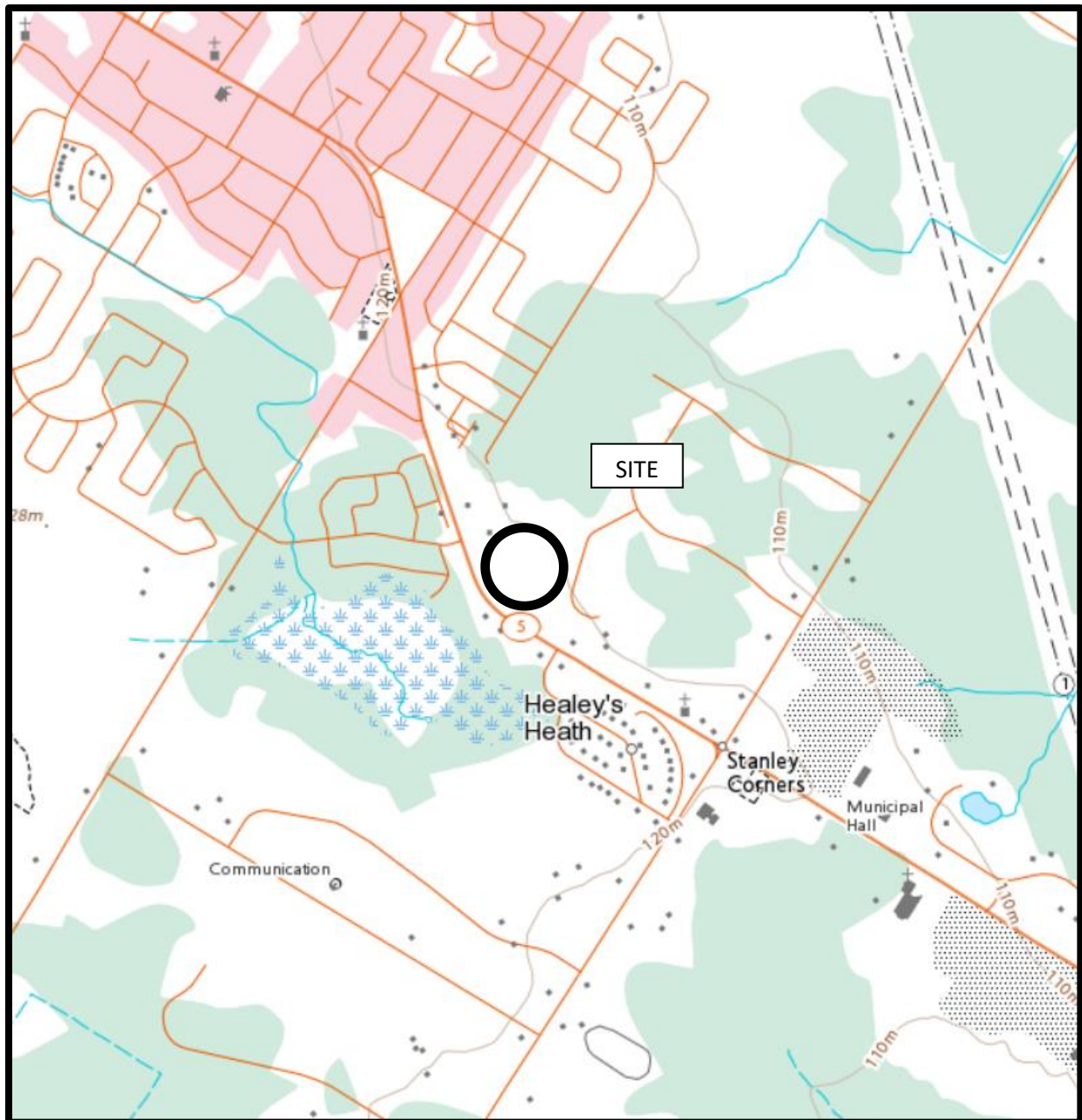
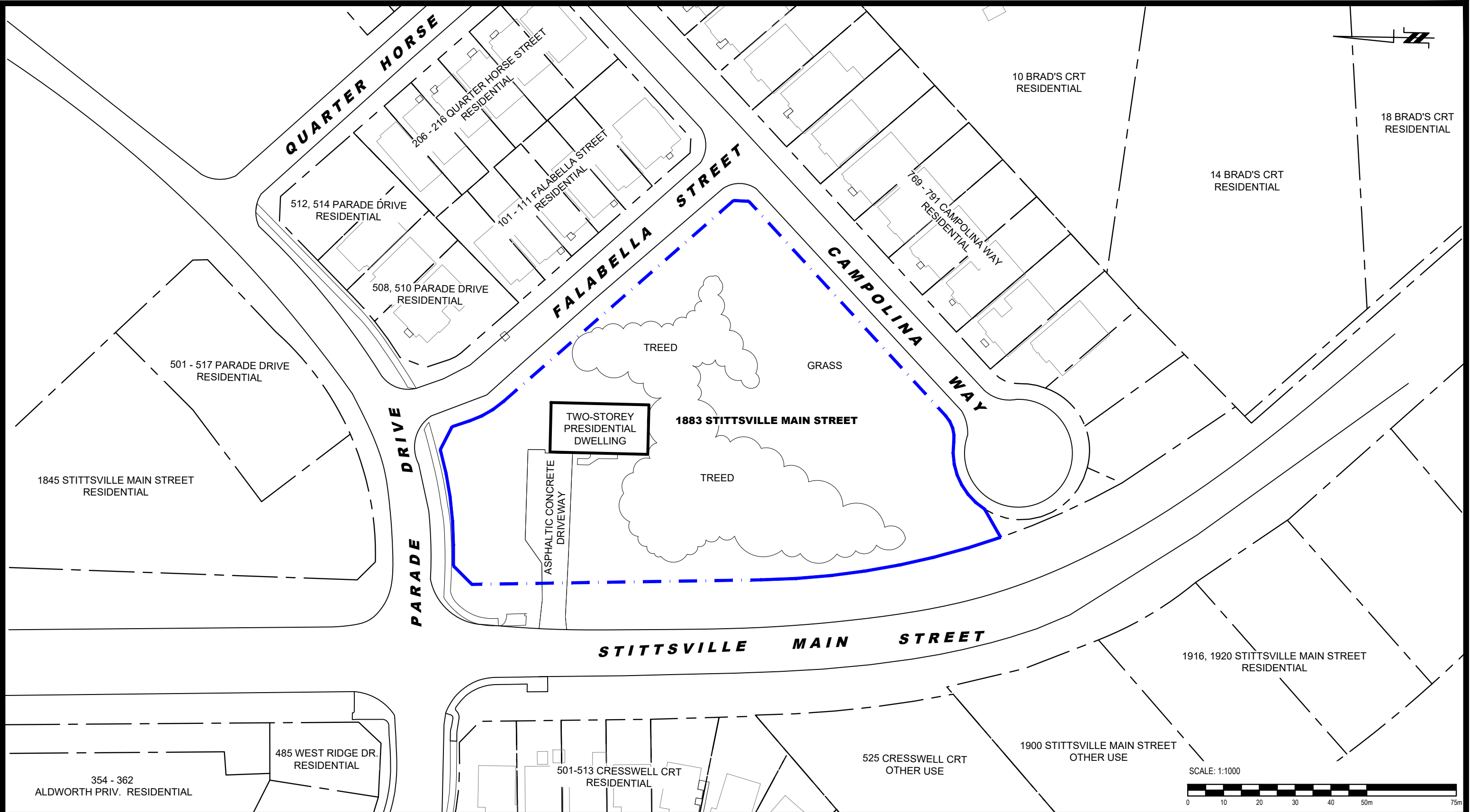


FIGURE 2
TOPOGRAPHIC MAP





**PATERSON
GROUP**

9 AURIGA DRIVE
OTTAWA, ON
K2E 7T9
TEL: (613) 226-7381

NO.	REVISIONS	DATE	INITIAL

MATTAMY HOMES

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
1883 STITTSVILLE MAIN STREET

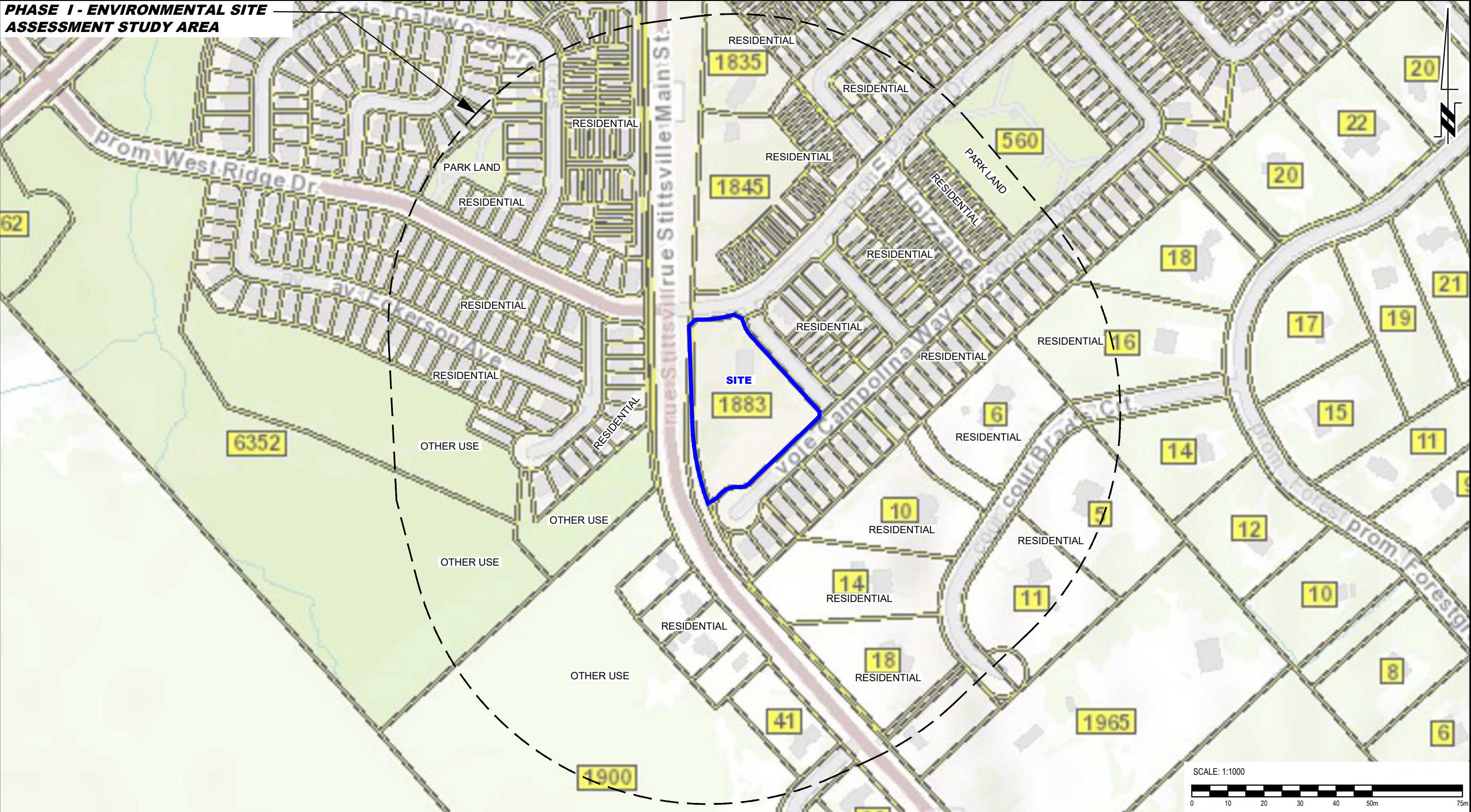
OTTAWA,
Title:

ONTARIO

SITE PLAN

Scale:	1:1000	Date:	06/2024
Drawn by:	GK	Report No.:	PE6592-1
Checked by:	VN	Dwg. No.:	PE6592-1
Approved by:	AM	Revision No.:	

PHASE I - ENVIRONMENTAL SITE ASSESSMENT STUDY AREA



9 AURIGA DRIVE
OTTAWA, ON
K2E 7T9
TEL: (613) 226-7381

NO.	REVISIONS	DATE	INITIAL

OTTAWA,
Title:

MATTAMY HOMES
PHASE I - ENVIRONMENTAL SITE ASSESSMENT
1883 STITTSVILLE MAIN STREET

ONTARIO

SURROUNDING LAND USE PLAN

Scale: 1:1000
Drawn by: GK
Checked by: VN
Approved by: AM

Date: 06/2024
Report No.: PE6592-1
Dwg. No.: PE6592-2
Revision No.:

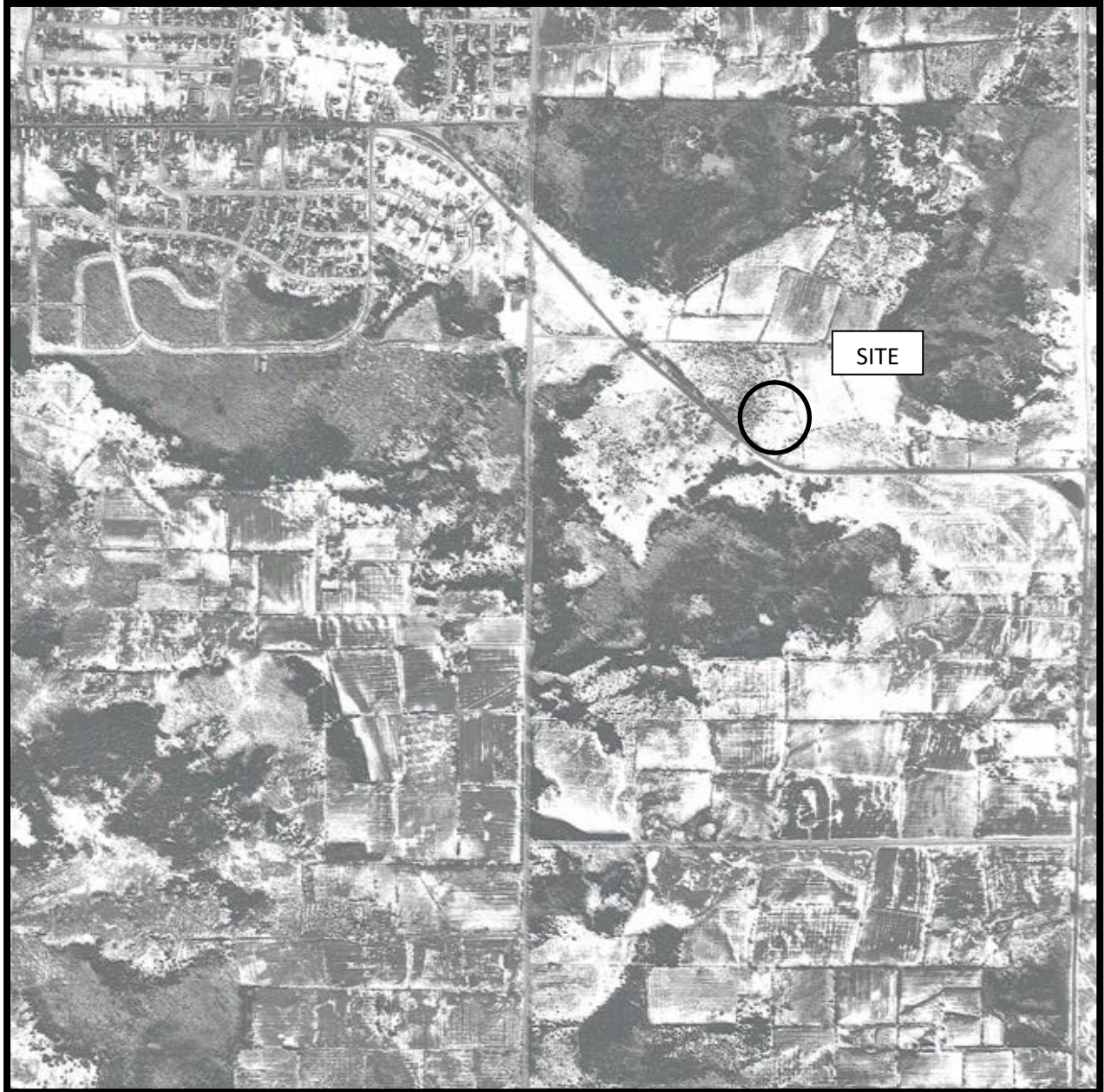
APPENDIX 1

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS



AERIAL PHOTOGRAPH
1959



AERIAL PHOTOGRAPH
1967



AERIAL PHOTOGRAPH
1976



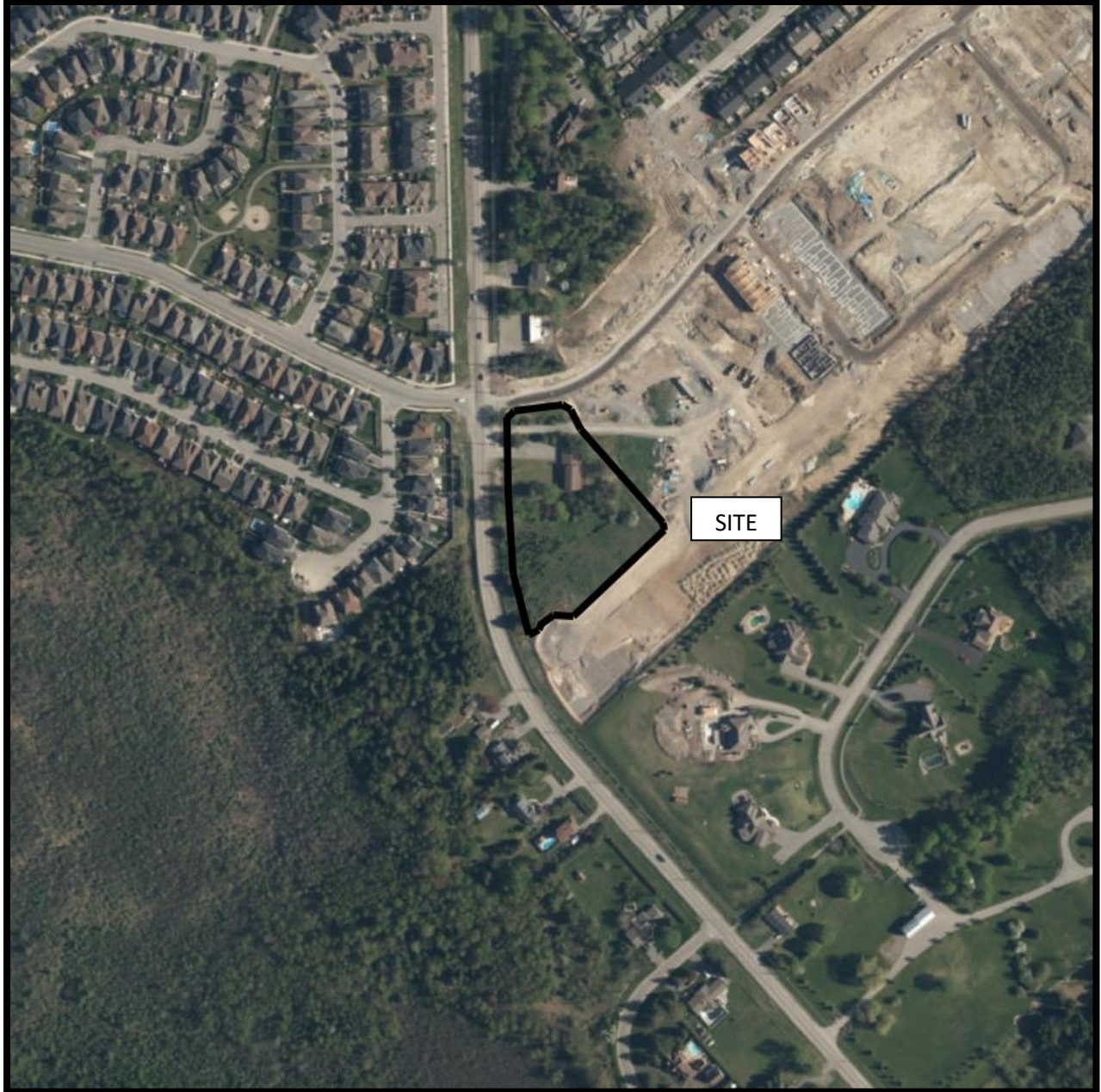
AERIAL PHOTOGRAPH
1984



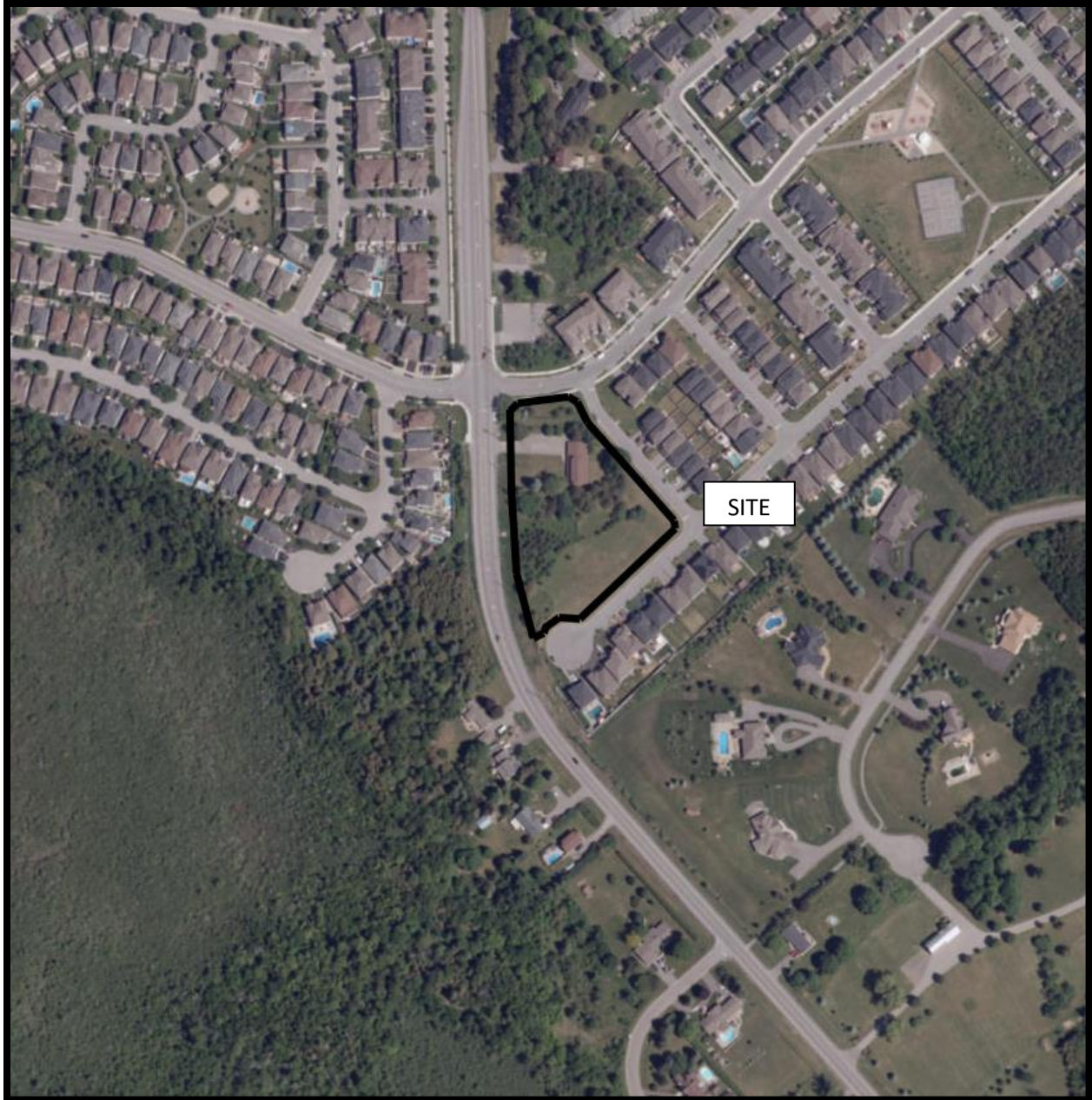
AERIAL PHOTOGRAPH
1999



AERIAL PHOTOGRAPH
2007



AERIAL PHOTOGRAPH
2017



AERIAL PHOTOGRAPH
2022

Site Photographs

PE6592

1883 Stittsville Main Street, Ottawa, Ontario

June 4, 2024



Photograph 1: View of the northern portion of the Phase I Property, facing northeast from Stittsville Main Street.



Photograph 2: View of the north-central portion of the Phase I Property, facing south from the Phase I Property boundary.

Site Photographs

PE6592

1883 Stittsville Main Street, Ottawa, Ontario

June 4, 2024



Photograph 3: View of the northern portion of the Phase I Property, facing south, from Parade Drive.



Photograph 4: View of the northeastern portion of the Phase I Property, facing south.

Site Photographs

PE6592

1883 Stittsville Main Street, Ottawa, Ontario

June 4, 2024



Photograph 5: View of the southern portion of the Phase I Property.



Photograph 6: View of the southern portion of the Phase I Property, from the Fabella Street and Campolina Way Intersection.

APPENDIX 2

MECP FREEDOM OF INFORMATION SEARCH RESULT

MECP WATER WELL RECORDS

TSSA CORRESPONDENCE

CITY OF OTTAWA HLUI SEARCH RESULTS

ERIS DATABASE REPORT



July 2, 2024

Vanessa Naufal
Paterson Group
9 Auriga Drive
Ottawa, Ontario K2E 7T9
vnaufal@patersongroup.ca

Dear Vanessa Naufal:

RE: **MECP FOI A-2024-03728, Your Reference PE6592 – Decision Letter**

This letter is in response to your request made pursuant to the Freedom of Information and Protection of Privacy Act (the Act) relating to:

1883 Stittsville Main Street, Ottawa

After a thorough search through the ministry files, no records were located responsive to your request. The official responsible for making the access decision on your request is the undersigned.

You may request a review of my decision within 30 days from the date of this letter by contacting the Information and Privacy Commissioner/Ontario at <http://www.ipc.on.ca>. Please note there may be a fee associated with submitting the appeal.

If you have any questions, please contact Shannon Neita at shannon.neita@ontario.ca.

Yours truly,

Shannon Neita

for
Josephine DeSouza
Manager, Access and Privacy Office

B



18428390

CODED

SB 5010010

Con 1X
Lot 22 Water management in Ontario

1509890

The Ontario Water Resources Commission Act 9

4R 0900

WATER WELL RECORD

County or District Carleton (Township) Village, Town or City Goulburn
Con. 9 Lot 22 Date completed 10 Dec 1968
(day month year)
Owner J Lubbers Constr. Address 29 East Adams
(print in block letters) Ottawa

Casing and Screen Record

Inside diameter of casing 5"
Total length of casing 18'
Type of screen
Length of screen
Depth to top of screen
Diameter of finished hole 5"

Pumping Test

Static level 25'
Test-pumping rate 10 G.P.M.
Pumping level 32'
Duration of test pumping 1 hr
Water clear or cloudy at end of test
Recommended pumping rate 5 G.P.M.
with pump setting of 50 feet below ground surface

Well Log

Water Record

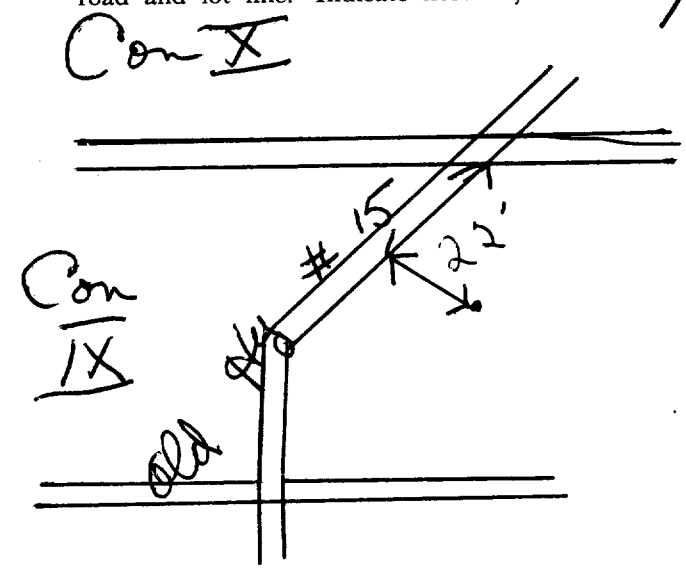
Overburden and Bedrock Record

	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
<u>sandy clay</u>	<u>0'</u>	<u>2'</u>	<u>70'</u>	<u>fresh</u>
<u>soft shale</u>	<u>2'</u>	<u>10'</u>		
<u>limestone</u>	<u>10'</u>	<u>72'</u>		

For what purpose(s) is the water to be used?
new house
Is well on upland, in valley or on hillside?
Drilling or Boring Firm Capital Water Supply Ltd.
Address 14 Ashford Dr.
Ottawa 6
Licence Number 2857
Name of Driller or Borer B Acres
Address
Date Dec 10/68
Halter Kavanagh
(Signature of Licensed Drilling or Boring Contractor)

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.



Ministry
of the
Environment

The Ontario Water Resources Act

WATER WELL RECORD

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11

1517086

MUNICIP.
15003

CON.
|C|dN

0.9

COUNTY OR DISTRICT Carleton		TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE Goulbourn		CON. BLOCK, TRACT, SURVEY, ETC. Conc. 10		DATE COMPLETED 022	
OWNER (SURNAME FIRST) L. J. Vandenberg Const.		ADDRESS 118 Arbeatha, Ottawa, Ontario K2H 6J2		DAY 09 MO 07 YR 79			

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

[illegible]

MOE
VF-18

(31) 0030628/279 0045228/379 0140215/3 014981580

32

1		10		14 15		47	
41		WATER RECORD					
WATER FOUND AT - FEET		KIND OF WATER					
10-13		1	☒	FRESH	3	☐	SULPHUR
0090'		2	☐	SALTY	4	☐	MINERAL
15-18		1	☒	FRESH	3	☐	SULPHUR
0147'		2	☐	SALTY	4	☐	MINERAL
20-23		1	☐	FRESH	3	☐	SULPHUR
		2	☐	SALTY	4	☐	MINERAL
25-28		1	☐	FRESH	3	☐	SULPHUR
		2	☐	SALTY	4	☐	MINERAL
30-33		1	☐	FRESH	3	☐	SULPHUR
		2	☐	SALTY	4	☐	MINERAL

51		CASING & OPEN HOLE RECORD		
INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
10-11 06 6 1/2	☒ STEEL ☐ GALVANIZED ☐ CONCRETE ☐ OPEN HOLE	12 188	0	0045'
17-18 06	☐ STEEL ☐ GALVANIZED ☐ CONCRETE ☒ OPEN HOLE	19	45'	0149'
24-25	☐ STEEL ☐ GALVANIZED ☐ CONCRETE ☐ OPEN HOLE	26		27-30

SCREEN	SIZE(S) OF OPENING (SLOT NO.)	31-33	DIAMETER	34-38	LENGTH	39-40
				INCHES		FEET
	MATERIAL AND TYPE		DEPTH TO TOP OF SCREEN		41-44	35
					FEET	

61		PLUGGING & SEALING RECORD	
DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)	
FROM	TO		
10-13	14-17		
18-21	22-25		
26-29	30-33	80	

71	PUMPING TEST METHOD		10	PUMPING RATE		11-14	DURATION OF PUMPING		
	1 ☐ PUMP 2 ☒ BAILER			0009		GPM	01	15-16 HOURS 00	17-18
	STATIC LEVEL		25		WATER LEVELS DURING		1 ☒ PUMPING 2 ☐ RECOVERY		
	19-21	22-24	15 MINUTES 26-28	30 MINUTES 29-31	45 MINUTES 32-34	60 MINUTES 35-37			
	030 FEET	060 FEET	060 FEET	060 FEET	060 FEET	060 FEET			
IF FLOWING, GIVE RATE		38-41	PUMP INTAKE SET AT		WATER AT END OF TEST		42		
		GPM			FEET		1 ☐ CLEAR 2 ☒ CLOUDY		
RECOMMENDED PUMP TYPE		RECOMMENDED PUMP SETTING		43-45	RECOMMENDED PUMPING RATE		46-49		
☐ SHALLOW ☒ DEEP		080 FEET		0005		GPM			
50-53									

54 FINAL STATUS OF WELL	1 ☒ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL	5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED POOR QUALITY 7 ☐ UNFINISHED
55-56 WATER USE	1 ☒ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL ☐ OTHER _____	5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED
57 METHOD OF DRILLING	1 ☒ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☐ AIR PERCUSSION	6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.

Healy Ave. E.

OC #5

16' 39' 106'

DRILLER'S REMARKS

CONTRACTOR	NAME OF WELL CONTRACTOR		LICENCE NUMBER	
	Capital Water Supply Ltd.		1558	
	ADDRESS			
	Box 490, Stittsville, Ontario K0A 3R0			
	NAME OF DRILLER OR BORER		LICENCE NUMBER	
	M. Kavanagh			
	SIGNATURE OF CONTRACTOR		SUBMISSION DATE	
	M. Kavanagh		DA 10 MO. 07 YR 79	

OFFICE USE ONLY	DATA SOURCE	58	CONTRACTOR	59-62	DATE RECEIVED	53-68
	1		1558		130879	
	DATE OF INSPECTION		INSPECTOR		/h	
REMARKS						

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FORM NO. 0506-4-77



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Environment

The Ontario Water Resources Act

WATER WELL RECORD

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1517205

15003 CON 09
MUNICIP. CON.
Reg. Plan 6.5

COUNTY OR DISTRICT <i>Carleton</i>		TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE <i>Douglasbourn</i>		CON. BLOCK TRACT, SURVEY, ETC. <i>Con 9 022 022/2</i>	
OWNER, SURNAME FIRST <i>Brunns John</i>		ADDRESS <i>Management Ltd., 73 Arco Way Nepean</i>		DATE COMPLETED <i>05 11 79</i>	
(2)	ZONE <i>18</i>	EASTING <i>428299</i>	NORTHING <i>500991991</i>	RC <i>4</i>	BASIN CODE <i>26</i>

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

[illegible]

MOE
VF-18

[illegible]

41 WATER RECORD	
WATER FOUND AT - FEET	KIND OF WATER
10-13 0/09	1 ☒ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
15-18	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
20-23	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
25-28	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
30-33	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL

CASING & OPEN HOLE RECORD				
INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
06 1/4 10-11	☒ 1 STEEL ☐ 2 GALVANIZED ☐ 3 CONCRETE ☐ 4 OPEN HOLE	12 188		13-16 06040
17-18	☐ 1 STEEL ☐ 2 GALVANIZED ☐ 3 CONCRETE ☐ 4 OPEN HOLE	19		20-23
24-25	☐ 1 STEEL ☐ 2 GALVANIZED ☐ 3 CONCRETE ☐ 4 OPEN HOLE	26		27-30

SCREEN	54	65	75	80		
	SIZE(S) OF OPENING (SLOT NO.)	31-33	DIAMETER	34-38	LENGTH	39-40
	INCHES			FEET		
	MATERIAL AND TYPE		DEPTH TO TOP OF SCREEN	41-44	10	
			FEET			

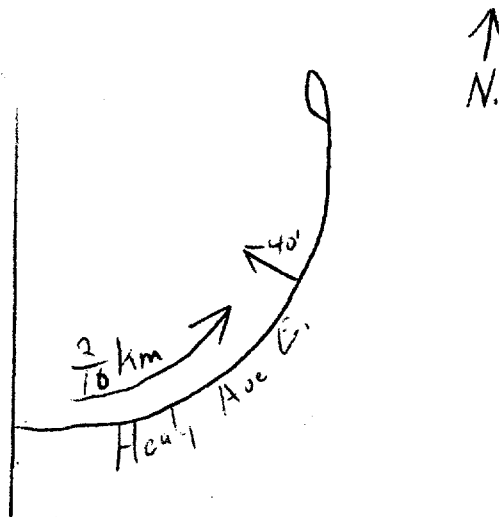
61		PLUGGING & SEALING RECORD	
DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)	
FROM	TO		
10-13	14-17		
18-21	22-25		
26-29	30-33	80	

71	PUMPING TEST METHOD		10		PUMPING RATE		11-14		DURATION OF PUMPING		15-18	
	1 ☐ PUMP 2 ☒ BAILER				0006		GPM		01 00		17-18 HOURS MINS	
	STATIC LEVEL		WATER LEVEL END OF PUMPING		25		WATER LEVELS DURING		1 ☒ PUMPING 2 ☐ RECOVERY			
	19-21		22-24		15 MINUTES		30 MINUTES		45 MINUTES		60 MINUTES	
	035 FEET		070 FEET		070 FEET		070 FEET		070 FEET		070 FEET	
IF FLOWING GIVE RATE		38-41		PUMP INTAKE SET AT		FEET		WATER AT END OF TEST		42		
RECOMMENDED PUMP TYPE		GPM		RECOMMENDED PUMP SETTING		43-45		RECOMMENDED PUMP RATE		46-49		
☐ SHALLOW ☒ DEEP				070		FEET		0005		GPM		
50-53												

FINAL STATUS OF WELL	54 1 ☒ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL	5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED
WATER USE	55-56 1 ☒ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL ☐ OTHER	5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED
METHOD OF DRILLING	57 1 ☒ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☒ AIR PERCUSSION	6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE INDICATE NORTH BY ARROW.



DRILLERS REMARKS

CONTRACTOR	NAME OF WELL CONTRACTOR <i>Henry Mains Well Drilling</i>		LICENSE NUMBER <i>3644</i>
	ADDRESS <i>Box 326, Richmond Ont.</i>		
	NAME OF DRILLER OR BORER <i>Henry Mains</i>		LICENSE NUMBER
	SIGNATURE OF CONTRACTOR <i>Henry Mains</i>		SUBMISSION DATE DAY <i>8</i> MO. <i>11</i> YR. <i>79</i>

OFFICE USE ONLY	DATA SOURCE	58	CONTRACTOR	59-62	DATE RECEIVED	63-68	80
	1		3644		08 01 80		
	DATE OF INSPECTION		INSPECTOR				
REMARKS:							
CSC, SA							



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1517874

MUNICIP 15003

CON. C/PN

09

COUNTY OR DISTRICT

TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE

CON. BLOCK, TRACT, SURVEY, ETC

LOT

DATE COMPLETED

DAY 24 MO 07 YR 82

009999

ELEVATION 0410

26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
brown	sand			0	12
grey	hardpan	gravel		12	57
				57	172

31 0012628 005721411 0172 00
32

WATER RECORD	
WATER FOUND AT - FEET	KIND OF WATER
0/00	1 ☒ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
0/50	1 ☒ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
0/70	1 ☒ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL

CASING & OPEN HOLE RECORD			
INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET
66	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	188	0/0059
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE		
	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE		

SCREEN	SIZE(S) OF OPENING (SLOT NO.)	DIAMETER INCHES	LENGTH FEET

PLUGGING & SEALING RECORD	
DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
10-13	
14-17	
18-21	
22-25	
26-29	
30-33	

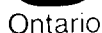
PUMPING TEST METHOD		PUMPING RATE	DURATION OF PUMPING
1 ☒ BAILER	2 ☐ PUMP	0020 GPM	01 00 HOURS
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING	
045 FEET	080 FEET	15 MINUTES 055 FEET	30 MINUTES 065 FEET
		45 MINUTES 075 FEET	60 MINUTES 080 FEET
IF FLOWING, GIVE RATE		PUMP INTAKE SET AT	WATER AT END OF TEST
			1 ☐ CLEAR 2 ☒ CLOUDY
RECOMMENDED PUMP TYPE		RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
1 ☐ SHALLOW 2 ☒ DEEP		080 FEET	00/0 GPM

LOCATION OF WELL	
IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.	
DRILLERS REMARKS	

FINAL STATUS OF WELL	1 ☒ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL	5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED
WATER USE	1 ☒ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL 5 ☐ OTHER	5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED
METHOD OF DRILLING	1 ☒ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☐ AIR PERCUSSION	6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING

CONTRACTOR	NAME OF WELL CONTRACTOR: Henry Mains Well Drilling ADDRESS: Box 326, Richmond Ont NAME OF DRILLER OR BORER: H. Mains SIGNATURE OF CONTRACTOR: [Signature]	LICENCE NUMBER: 3644 SUBMISSION DATE: 26 MO 7 YR 82
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OFFICE USE ONLY	DATA SOURCE: 1 DATE OF INSPECTION: 3644 REMARKS:	CONTRACTOR: 3644 DATE RECEIVED: 20 08 82
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The Ontario Water Resources Act

31G.4e

WATER WELL RECORD

1. PRINT ONLY IN SPACES PROVIDED
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1518015

MUNICIP
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|CON

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COUNTY OR DISTRICT

TOWNSHIP BOROUGH CITY TOWN VILLAGE

CON BLOCK TRACT SURVEY, ETC

LOT	15 22
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OTTAWA CARLETON CANTON BORROW

DOCK TRACT SURVEY
Con 9

DATE COMPLETED _____

DAY 28 MO 10 YR 8

3 MALVERN BARR HAVEN

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LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

[illegible]

31	001622813	0042228	005322813	0144215			
32							

41		WATER RECORD			
WATER FOUND AT - FEET		KIND OF WATER			
10-13	1 ☒ FRESH 2 ☐ SALTY	3 ☐ SULPHUR 4 ☐ MINERAL	14		
15-18	1 ☒ FRESH 2 ☐ SALTY	3 ☐ SULPHUR 4 ☐ MINERAL	19		
20-23	1 ☐ FRESH 2 ☐ SALTY	3 ☐ SULPHUR 4 ☐ MINERAL	24		
25-28	1 ☐ FRESH 2 ☐ SALTY	3 ☐ SULPHUR 4 ☐ MINERAL	29		
30-33	1 ☐ FRESH 2 ☐ SALTY	3 ☐ SULPHUR 4 ☐ MINERAL	34		

INSIDE DIAM INCHES		MATERIAL		WALL THICKNESS INCHES		DEPTH - FEET	
						FROM	TO
19-21	6 7/8 06 6"	1 ☒ STEEL	12	1/8"	0'	0054'	19-16
		2 ☐ GALVANIZED					
		3 ☐ CONCRETE					
		4 ☒ OPEN HOLE			54'	144'	
17-18	06	1 ☐ STEEL	19				20-23
		2 ☐ GALVANIZED					
		3 ☐ CONCRETE					
		4 ☒ OPEN HOLE				0144'	
24-25		1 ☐ STEEL	26				27-30
		2 ☐ GALVANIZED					
		3 ☐ CONCRETE					
		4 ☐ OPEN HOLE					

SCREEN	SIZE: S1 OF OPENING (SLOT NO.)		31-33	DIAMETER		34-38	75	RU
							LENGTH	39-40
						INCHES		FEET
MATERIAL AND TYPE				DEPTH TO TOP OF SCREEN		41-44	10	
							FEET	

61	PLUGGING & SEALING RECORD							
DEPTH SET AT		FEET		MATERIAL AND TYPE		CEMENT GROUT		
FROM		TO				LEAD PACKER, ETC.		
10-13		14-17						
18-21		22-25						
26-29		30-33		80				

71	PUMPING TEST METHOD		10	PUMPING RATE		11-13	DURATION OF PUMPING	
	1 ☐ PUMP 2 ☒ BAILER		0010		GPM	01	15-16 HOURS	00 17-18 MINS.
	STATIC LEVEL	WATER LEVEL END OF PUMPING	25		WATER LEVELS DURING		1 ☒ PUMPING 2 ☐ RECOVERY	
	19-21	22-24	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES		
	050 FEET	070 FEET	26-28 070 FEET	29-31 070 FEET	32-34 070 FEET	35-37 070 FEET		
IF FLOWING, GIVE RATE		38-41	PUMP INTAKE SET AT		WATER AT END OF TEST		42	
GPM		FEET		1 ☐ CLEAR 2 ☒ CLOUDY				
RECOMMENDED PUMP TYPE		RECOMMENDED PUMP SETTING		43-45	RECOMMENDED PUMPING RATE		46-49	
☐ SHALLOW ☒ DEEP		080		FEET	0005		GPM	
50-53								

FINAL STATUS OF WELL	1 ☒ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL	5 ☐ ABANDONED INSUFFICIENT SUPPLY 6 ☐ ABANDONED POOR QUALITY 7 ☐ UNFINISHED
WATER USE	1 ☒ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL ☐ OTHER	5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED
METHOD OF DRILLING	1 ☒ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☐ AIR PERCUSSION	6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.

Healy Ave W

0.24

31

WELL

N

CONTRACTOR	NAME OF WELL CONTRACTOR <i>M. Henry Mains Wells Drilling</i> M. Kavanagh & Son		LICENCE NUMBER <i>3014</i> 3142
	ADDRESS <i>RR 2 CARLETON PLACE</i>		
	NAME OF DRILLER OR BORER <i>MICHAEL KAVANAGH</i>		LICENCE NUMBER <i>3142</i>
	SIGNATURE OF CONTRACTOR <i>Henry Mains</i>		SUBMISSION DATE DAY <i>29</i> MO <i>10</i> YR <i>82</i>

OFFICE USE ONLY	DATA SOURCE	58	CONTRACTOR	59-62	DATE RECEIVED	01 12 82	68	80
	DATE OF INSPECTION	INSPECTOR						
REMARKS:								



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The Ontario Water Resources Act

WATER WELL RECORD

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11

1518069

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09

COUNTY OR DISTRICT <i>Carleton Place</i>	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE <i>Carleton Place</i>	CON. BLOCK, TRACT, SURVEY ETC. <i>Con 9</i>	LOT <i>522</i>
DATE COMPLETED DAY <i>21</i> MO <i>09</i> YR <i>82</i>		DATE RECEIVED DAY <i>11</i> MO <i>01</i> YR <i>83</i>	
ELEVATION <i>009.99</i>		BASIN CODE <i>14 04 10 14 26</i>	

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
<i>grey</i>	<i>gravel</i>			<i>0</i>	<i>15</i>
<i>brown</i>	<i>sand</i>			<i>15</i>	<i>33</i>
<i>grey</i>	<i>limestone</i>			<i>33</i>	<i>65</i>
<i>grey</i>	<i>clay gravel</i>			<i>65</i>	<i>75</i>
<i>grey</i>	<i>limestone</i>			<i>75</i>	<i>84</i>

31	<i>0015211</i>	<i>0033628</i>	<i>0065215</i>	<i>007520511</i>	<i>0084215</i>
32					

WATER RECORD	
WATER FOUND AT - FEET	KIND OF WATER
<i>0070</i>	☒ FRESH ☐ SALTY ☐ SULPHUR ☐ MINERAL
<i>0075</i>	☒ FRESH ☐ SALTY ☐ SULPHUR ☐ MINERAL
	☐ FRESH ☐ SALTY ☐ SULPHUR ☐ MINERAL
	☐ FRESH ☐ SALTY ☐ SULPHUR ☐ MINERAL
	☐ FRESH ☐ SALTY ☐ SULPHUR ☐ MINERAL

CASING & OPEN HOLE RECORD	
INSIDE DIAM. INCHES	MATERIAL
<i>06</i>	☒ STEEL ☐ GALVANIZED ☐ CONCRETE ☐ OPEN HOLE
<i>06</i>	☐ STEEL ☐ GALVANIZED ☐ CONCRETE ☒ OPEN HOLE
	☐ STEEL ☐ GALVANIZED ☐ CONCRETE ☐ OPEN HOLE

SCREEN	SIZE(S) OF OPENING (SLOT NO.)	DIAMETER	LENGTH

PLUGGING & SEALING RECORD	
DEPTH SET AT - FEET	MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
<i>0070</i>	
<i>0075</i>	

PUMPING TEST	
PUMPING TEST METHOD ☒ PUMP ☐ BAILER	PUMPING RATE <i>0050</i> GPM
STATIC LEVEL <i>020</i> FEET	WATER LEVELS DURING 15 MINUTES <i>050</i> FEET 30 MINUTES <i>050</i> FEET 45 MINUTES <i>050</i> FEET 60 MINUTES <i>050</i> FEET
RECOMMENDED PUMP TYPE ☐ SHALLOW ☒ DEEP	RECOMMENDED PUMP SETTING <i>050</i> FEET

LOCATION OF WELL	
IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.	
DRILLERS REMARKS	

FINAL STATUS OF WELL	
☒ WATER SUPPLY	☐ ABANDONED, INSUFFICIENT SUPPLY
☐ OBSERVATION WELL	☐ ABANDONED, POOR QUALITY
☐ TEST HOLE	☐ UNFINISHED
☐ RECHARGE WELL	
WATER USE	
☒ DOMESTIC	☐ COMMERCIAL
☐ STOCK	☐ MUNICIPAL
☐ IRRIGATION	☐ PUBLIC SUPPLY
☐ INDUSTRIAL	☐ COOLING OR AIR CONDITIONING
☐ OTHER	☐ NOT USED
METHOD OF DRILLING	
☐ CABLE TOOL	☐ BORING
☐ ROTARY (CONVENTIONAL)	☐ DIAMOND
☐ ROTARY (REVERSE)	☐ JETTING
☐ ROTARY (AIR)	☐ DRIVING
☒ AIR PERCUSSION	

NAME OF WELL CONTRACTOR <i>Kenny Maine Well Drilling</i>	LICENCE NUMBER <i>3644</i>
ADDRESS <i>Box 326 Richmond Ont</i>	
NAME OF DRILLER OR BORER <i>[Signature]</i>	LICENCE NUMBER
SIGNATURE OF CONTRACTOR <i>[Signature]</i>	SUBMISSION DATE DAY <i>22</i> MO <i>9</i> YR <i>82</i>

DATA SOURCE <i>1</i>	CONTRACTOR <i>3644</i>	DATE RECEIVED <i>11 01 83</i>
DATE OF INSPECTION	INSPECTOR	
REMARKS		



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The Ontario Water Resources Act

WATER WELL RECORD

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09

COUNTY OR DISTRICT Ottawa-Carleton	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE Goulbourn	CON. BLOCK, TRACT, SURVEY, ETC. Healey's Heath	LOT 022
-230 Woodridge Cres.; Nepean, Ont.			DATE COMPLETED DAY 31 MO 03 YR 83
09999	4	0410	4
26			

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
Brown	Sand		Loose	0	30
Gray	Sandy Clay	& Gravel		30	60
Gray	Limestone	White Layers	Soft	60	150
Gray	Limestone	White Layers		150	162

003062877	00602051181	01502157485	016221574
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WATER RECORD	
WATER FOUND AT - FEET	KIND OF WATER
0150'	1 ☒ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL

CASING & OPEN HOLE RECORD			
INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET
06	1 ☒ STEEL	188	0
06	2 ☐ GALVANIZED		0060
06	3 ☐ CONCRETE		0013
06	4 ☐ OPEN HOLE		0150

PLUGGING & SEALING RECORD		
DEPTH SET AT - FEET	MATERIAL AND TYPE	CEMENT GROUT LEAD PACKER, ETC.
10-13		
18-21		
26-29		

PUMPING TEST METHOD		PUMPING RATE	DURATION OF PUMPING
1 ☐ PUMP 2 ☒ BAILER	0020	02	00
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING	1 ☒ PUMPING 2 ☐ RECOVERY
015	035	035	035
IF FLOWING GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST	1 ☐ CLEAR 2 ☒ CLOUDY

LOCATION OF WELL	
IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.	
OC #5	
Healey's Heath	
Healey Ave. West	
LOT #28	

FINAL STATUS OF WELL	1 ☒ WATER SUPPLY 5 ☐ ABANDONED, INSUFFICIENT SUPPLY 2 ☐ OBSERVATION WELL 6 ☐ ABANDONED, POOR QUALITY 3 ☐ TEST HOLE 7 ☐ UNFINISHED 4 ☐ RECHARGE WELL
WATER USE	1 ☒ DOMESTIC 5 ☐ COMMERCIAL 2 ☐ STOCK 6 ☐ MUNICIPAL 3 ☐ IRRIGATION 7 ☐ PUBLIC SUPPLY 4 ☐ INDUSTRIAL 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED
METHOD OF DRILLING	1 ☒ CABLE TOOL 150'-162' 3 ☐ BORING 2 ☐ ROTARY (CONVENTIONAL) 7 ☐ DIAMOND 3 ☐ ROTARY (REVERSE) 8 ☐ JETTING 4 ☐ ROTARY (AIR) 9 ☐ DRIVING 5 ☒ AIR PERCUSSION

CONTRACTOR	NAME OF WELL CONTRACTOR Capital Water Supply Ltd.	LICENCE NUMBER 1558
	ADDRESS Box 490; Stittsville, Ont. K0A 3Y0	
	NAME OF DRILLER OR BORER S. Miller / J. Moore	LICENCE NUMBER
	SIGNATURE OF CONTRACTOR [Signature]	SUBMISSION DATE DAY 31 MO 03 YR 83

OFFICE USE ONLY	DATA SOURCE 1	CONTRACTOR 1558	DATE RECEIVED 06 06 83
	GATE OF INSPECTION	INSPECTOR	
	REMARKS		



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WATER WELL RECORD

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2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

COUNTY OR DISTRICT <i>Carleton</i>	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE <i>Georgetown</i>	CON., BLOCK, TRACT, SURVEY, ETC. <i>Con 9,</i>	LOT <i>25-27</i> <i>022</i>
OWNER (SURNAME FIRST) <i>Tensen Construction</i>	ADDRESS <i>RP#2, Oxford Station</i>	DATE COMPLETED <i>08 06 83</i>	
U T M	ZONE <i>18</i>	EASTING <i>428299</i>	NORTHING <i>500999</i>
<i>(21)</i>	<i>18</i>	<i>4</i>	<i>4</i>
		ELEVATION <i>041.0</i>	BASIN CODE <i>26</i>
		<i>4</i>	<i>30</i>

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

[illegible][illegible]

41		WATER RECORD	
WATER FOUND AT - FEET		KIND OF WATER	
10-15 0/55	1 ☒ FRESH	3 ☐ SULPHUR	14
	2 ☐ SALTY	4 ☐ MINERAL	
15-18	1 ☐ FRESH	3 ☐ SULPHUR	19
	2 ☐ SALTY	4 ☐ MINERAL	
20-23	1 ☐ FRESH	3 ☐ SULPHUR	24
	2 ☐ SALTY	4 ☐ MINERAL	
25-28	1 ☐ FRESH	3 ☐ SULPHUR	29
	2 ☐ SALTY	4 ☐ MINERAL	
30-33	1 ☐ FRESH	3 ☐ SULPHUR	34
	2 ☐ SALTY	4 ☐ MINERAL	

CASING & OPEN HOLE RECORD				
INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
10-11 06 1/4	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	1/8	0	1050
17-18 06	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE		50	160
24-25	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE			

SCREEN	SIZE (5) OF OPENING (SLOT NO.)	31-33	DIAMETER	34-36	SCREEN	37-40
	INCHES			FEET		
	MATERIAL AND TYPE			DEPTH TO TOP OF SCREEN		41-44
						FEET

61 PLUGGING & SEALING RECORD			
DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)	
FROM	TO		
10-13	14-17		
18-21	22-25		
26-29	30-33	80	

PUMPING TEST	PUMPING TEST METHOD		10	PUMPING RATE	11-14	DURATION OF PUMPING	
	1 ☒ PUMP 2 ☐ BAILER		0008		GPM	01 15-16 00 17-18 HOURS MINS	
	STATIC LEVEL	WATER LEVEL END OF PUMPING	25		1 ☒ PUMPING 2 ☐ RECOVERY		
	19-21	22-24	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES	
	025 FEET	140 FEET	140 FEET	140 FEET	140 FEET	140 FEET	
IF FLOWING, GIVE RATE		38-41	PUMP INTAKE SET AT		WATER AT END OF TEST		42
GPM		FEET		1 ☐ CLEAR 2 ☒ CLOUDY			
RECOMMENDED PUMP TYPE		RECOMMENDED PUMP SETTING		43-45	RECOMMENDED PUMPING RATE		46-49
☐ SHALLOW ☒ DEEP		140 FEET		0006 FEET		GPM	
50-53							

FINAL STATUS OF WELL	54 1 ☒ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☒ RECHARGE WELL	5 ☐ ABANDONED. INSUFFICIENT SUPPLY 6 ☐ ABANDONED. POOR QUALITY 7 ☐ UNFINISHED
WATER USE	55-56 1 ☒ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL ☐ OTHER	5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING ☐ NOT USED <u>Heat Pump</u>
METHOD OF DRILLING	57 1 ☐ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☒ AIR PERCUSSION	6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE
INDICATE NORTH BY ARROW.

Hesley Ave

3/10 km

0.0.0.5.

DRILLERS REMARKS:

CONTRACTOR	NAME OF WELL CONTRACTOR	LICENCE NUMBER
	ADDRESS	
	NAME OF DRILLER OR BORER	LICENCE NUMBER
	SIGNATURE OF CONTRACTOR	SUBMISSION DATE DAY <u>11</u> MO. <u>6</u> YR. <u>8</u>

OFFICE USE ONLY	DATA SOURCE	58 CONTRACTOR	59-62 DATE RECEIVED	63-68
	1	3644	03 08 83	
	DATE OF INSPECTION		INSPECTOR	
	REMARKS			

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The Ontario Water Resources Act

WATER WELL RECORD

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109

COUNTY OR DISTRICT <i>Carlisle</i>		TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE <i>Goulbourn</i>				CON. BLOCK, TRACT, SURVEY, ETC. <i>Con 9,</i>				022/022-27 <i>26</i>			
OWNER (SURNAME FIRST) <i>Tensen Construction</i>		ADDRESS <i>RR#2, Oxford Station</i>				DATE COMPLETED <i>KOG 1 TO</i>				DA <i>07</i> MO <i>06</i> YR <i>83</i>			
ZONE <i>18</i>		EASTING <i>428299</i>		NORTHING <i>5009999</i>		RE <i>4</i>		ELEVATION <i>041.0</i>		RC <i>4</i>		BASIN CODE <i>26</i>	

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
grey	sand gravel			0	40
grey	gravel		:	40	48
grey	limestone			48	150

[illegible]

41 WATER RECORD	
WATER FOUND AT - FEET	KIND OF WATER
10-13 0/45	1 ☒ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
15-18	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
20-23	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
25-28	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL
30-33	1 ☐ FRESH 3 ☐ SULPHUR 2 ☐ SALTY 4 ☐ MINERAL

CASING & OPEN HOLE RECORD				
INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
10-11 06 04	☒ STEEL ☐ GALVANIZED ☐ CONCRETE ☐ OPEN HOLE	188	0600	50
17-18 06	☐ STEEL ☐ GALVANIZED ☐ CONCRETE ☒ OPEN HOLE		500	50
24-25	☐ STEEL ☐ GALVANIZED ☐ CONCRETE ☐ OPEN HOLE			

SCREEN	SIZE (S) OF OPENING (SLOT NO.)	31-33	DIAMETER	34-38	LENGTH	39-40
				INCHES	FEET	
	MATERIAL AND TYPE			DEPTH TO TOP OF SCREEN		41-44
					FEET	45-48

61		PLUGGING & SEALING RECORD	
DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)	
FROM	TO		
10-13	14-17		
18-21	22-25		
26-29	30-33	80	

71 PUMPING TEST	PUMPING TEST METHOD		10	PUMPING RATE		11-14	DURATION OF PUMPING	
	1 ☒ PUMP 2 ☐ BAILER			0020		GPM	01 15-16 HOURS 00 17-18 MINS	
	STATIC LEVEL 19-21 025 FEET		WATER LEVEL END OF PUMPING 22-24 080 FEET	WATER LEVELS DURING 1 ☐ PUMPING 2 ☐ RECOVERY				
				15 MINUTES 080 FEET	30 MINUTES 080 FEET	45 MINUTES 050 FEET	60 MINUTES 080 FEET	
IF FLOWING, GIVE RATE 38-41				PUMP INTAKE SET AT FEET		WATER AT END OF TEST 42		
RECOMMENDED PUMP TYPE ☐ SHALLOW ☒ DEEP				RECOMMENDED PUMP SETTING 080 FEET		43-45	RECOMMENDED PUMPING RATE 00/5 GPM	
50-53								

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE INDICATE NORTH BY ARROW.

Hickory Ave

O.C. Rd

3.5m

12m

N.

DRILLERS REMARKS

54 FINAL STATUS OF WELL 1	1 ☒ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL	5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED POOR QUALITY 7 ☐ UNFINISHED
55-56 WATER USE 01	1 ☒ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL ☐ OTHER	5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING <i>Heat Pump</i> ☐ NOT USED
57 METHOD OF DRILLING 5	1 ☐ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☒ AIR PERCUSSION	6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING

CONTRACTOR	NAME OF WELL CONTRACTOR <i>Henry Mairs Well Drilling</i>		LICENCE NUMBER <i>3644</i>
	ADDRESS <i>Box 326, Richmond Ont.</i>		
	NAME OF DRILLER OR BORER <i>Henry Mairs</i>		LICENCE NUMBER
	SIGNATURE OF CONTRACTOR <i>[Signature]</i>		SUBMISSION DATE DAY <i>11</i> MO <i>6</i> YR. <i>83</i>

OFFICE USE ONLY	DATA SOURCE	58	CONTRACTOR	59-62	DATE RECEIVED	59-68	NO
	1		3644		03 08 83		
	DATE OF INSPECTION		INSPECTOR				
REMARKS							

Measurements recorded in: ☒ Metric ☐ Imperial

Page _____ of _____

Well Owner's Information

First Name	Last Name / Organization Cavanagh Construction	E-mail Address	☐ Well Constructed by Well Owner
Mailing Address (Street Number/Name) R.R.#2	Municipality Ashton	Province Ontario	Postal Code K0A 1B0
		Telephone No. (inc. area code) 613 257 2918	

Well Location

Address of Well Location (Street Number/Name) 1876 Stittsville Main Street	Township Goulbourn	Lot 22	Concession 9
County/District/Municipality Ottawa Carleton	City/Town/Village Stittsville	Province Ontario	Postal Code
UTM Coordinates NAD 83 18 428360	Northings 5010289	Municipal Plan and Sublot Number	Other

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From To
	Well drilled May 11, 1998	Jim Walker		
	Well Log # 183849			

Annular Space		
Depth Set at (m/ft) From To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
53.3	0	Bentonite 3/4" inch Hole Plug
		(40 bags)

Method of Construction	Well Use
☐ Cable Tool	☐ Diamond
☐ Rotary (Conventional)	☐ Jetting
☐ Rotary (Reverse)	☐ Driving
☐ Boring	☐ Digging
☐ Air percussion	☐ Irrigation
☐ Other, specify	☐ Other, specify
☐ Public	☐ Commercial
☐ Domestic	☐ Municipal
☐ Livestock	☐ Test Hole
☐ Industrial	☐ Cooling & Air Conditioning
☐ Not used	☐ Dewatering
☐ Monitoring	

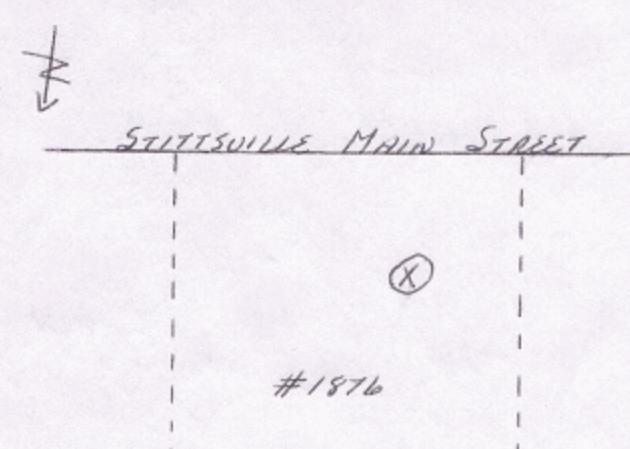
Construction Record - Casing				Status of Well
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From To	
				☐ Water Supply
				☐ Replacement Well
				☐ Test Hole
				☐ Recharge Well
				☐ Dewatering Well
				☐ Observation and/or Monitoring Hole
				☐ Alteration (Construction)
				☐ Abandoned, Insufficient Supply
				☐ Abandoned, Poor Water Quality
				☒ Abandoned, other, specify
				☐ Other, specify

Construction Record - Screen			
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From To

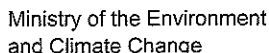
Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: ☐ Fresh ☐ Untested ☐ Gas ☐ Other, specify	Depth (m/ft) From To	Diameter (cm/in)

Well Contractor and Well Technician Information			
Business Name of Well Contractor Capital Water Supply Ltd.	Well Contractor's Licence No. 1 5 5 8		
Business Address (Street Number/Name) Box 490	Municipality Stittsville		
Province Ontario	Postal Code K2S 1A6	Business E-mail Address office@capitalwater.ca	
Bus. Telephone No. (inc. area code) 613 836 1766	Name of Well Technician (Last Name, First Name) Miller, Stephen		
Well Technician's Licence No. 0 0 9 7	Signature of Technician and/or Contractor	Date Submitted 2 0 1 0 0 9 2 2	

Results of Well Yield Testing				
After test of well yield, water was: ☐ Clear and sand free ☐ Other, specify	Draw Down		Recovery	
	Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason:	Static Level			
	1		1	
Pump intake set at (m/ft)	2		2	
Pumping rate (l/min / GPM)	3		3	
Duration of pumping hrs + min	4		4	
Final water level end of pumping (m/ft)	5		5	
If flowing give rate (l/min / GPM)	10		10	
Recommended pump depth (m/ft)	15		15	
Recommended pump rate (l/min / GPM)	20		20	
Well production (l/min / GPM)	25		25	
Disinfected?	30		30	
☒ Yes ☐ No	40		40	
	50		50	
	60		60	

Map of Well Location	
Please provide a map below following instructions on the back.	
	

Ministry Use Only	
Audit No. z115621	Received DEC 09 2010
Well owner's information package delivered ☐ Yes ☒ No	Date Package Delivered Y Y Y Y M M D D 2 0 1 0 1 0 1 2
Date Work Completed 2 0 1 0 1 0 1 2	



Well Record

Regulation 903 Ontario Water Resources Act

Page ~~1~~ of ~~1~~

Measurements recorded in: ☒ Metric ☐ Imperial

Well Owner's Information

First Name	Last Name / Organization	E-mail Address	☐ Well Constructed by Well Owner
	THOS. CAVANAGH	CONSTRUCTION	

Mailing Address (Street Number/Name)	Municipality	Province	Postal Code	Telephone No. (inc. area code)
9024 CAVANISH ROAD	WILLOWDALE	ON	M1H 1B6	(416) 491-2760

Well Location

Address of Well Location (Street Number/Name) 1877 STURVILLE AVE. ST.	Township GOWLEBURN	Lot 22	Concession 9
--	-----------------------	-----------	-----------------

County/District/Municipality OTTAWA	City/Town/Village STITTSVILLE	Province Ontario	Postal Code
---	---	----------------------------	-----------------

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 83	18	476377	519389		

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

[illegible]

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
0.00	2.7	BENTONITE NOCEPILK GROUT.	0.48.

Method of Construction

☐ Cable Tool	☐ Diamond	☐ Public	☐ Commercial	☒ Not used
☐ Rotary (Conventional)	☐ Jetting	☐ Domestic	☐ Municipal	☐ Dewatering
☐ Rotary (Reverse)	☐ Driving	☐ Livestock	☐ Test Hole	☐ Monitoring
☐ Boring	☐ Digging	☐ Irrigation	☐ Cooling & Air Conditioning	
☐ Air percussion		☐ Industrial		
☐ Other, <i>specify</i>		☐ Other, <i>specify</i>		

Well Use

☐ Public ☐ Commercial ☒ Not used
☐ Domestic ☐ Municipal ☐ Dewatering
☐ Livestock ☐ Test Hole ☐ Monitoring
☐ Irrigation ☐ Cooling & Air Conditioning
☐ Industrial
☐ Other, *specify* _____

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		
			From	To	
					☒ Water Supply
					☐ Replacement Well
					☐ Test Hole
					☐ Recharge Well
					☐ Dewatering Well
					☐ Observation and/or Monitoring Hole
					☐ Alteration (Construction)
					☐ Abandoned,

Status of Well

☒ Water Supply
☐ Replacement Well
☐ Test Hole
☐ Recharge Well
☐ Dewatering Well
☐ Observation and/or Monitoring Hole
☐ Alteration
 (Construction)
☐ Abandoned, Insufficient Supply
☐ Abandoned, Poor Water Quality
☒ Abandoned, other, Specify
Construct
☐ Other, specify 2011

Construction Record - Screen

Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)		
			From	To	
					☐ Abandoned, Poor Water Quality ☒ Abandoned, other, Specify <i>Construct</i> ☐ Other, specify <i>2017</i>

Water Details

Water found at Depth _____ (m/ft) ☐ Gas ☐ Other, specify _____	Kind of Water: ☐ Fresh ☐ Untested
Water found at Depth _____ (m/ft) ☐ Gas ☐ Other, specify _____	Kind of Water: ☐ Fresh ☐ Untested
Water found at Depth _____ (m/ft) ☐ Gas ☐ Other, specify _____	Kind of Water: ☐ Fresh ☐ Untested

Hole Diameter

Depth (m/ft)		Diameter (cm/in)
From	To	
0.22	2.7	5.4

Well Contractor and Well Technician Information

Business Name of Well Contractor <u>STANCO DRILLING INC</u>		Well Contractor's Licence No. <u>4875</u>
Business Address (Street Number/Name) <u>Box 219, 157 FIVE LAKES RD</u>		Municipality <u>FALCON HAN</u>
Province <u>AB</u>	Postal Code <u>T0A 1A0</u>	Business E-mail Address <u>stanco@stanco.ca</u>

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)
1-800-455-5555	STEWART, PETER

Well Technician's Licence No. 00816 Signature of Technician and/or Contractor [Signature] Date Submitted 20/01/22

Results of Well Yield Testing

After test of well yield, water was:		Draw Down		Recovery	
☐ Clear and sand free ☐ Other, specify _____		Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
If pumping discontinued, give reason:		Static Level	10.4		
		1		1	
Pump intake set at (m/ft)		2		2	
		3		3	
Pumping rate (l/min / GPM)		4		4	
		5		5	
Duration of pumping _____ hrs + _____ min		10		10	
Final water level end of pumping (m/ft)		15		15	
		20		20	
If flowing give rate (l/min / GPM)		25		25	
		30		30	
Recommended pump depth (m/ft)		40		40	
		50		50	
Recommended pump rate (l/min / GPM)		60		60	
Well production (l/min / GPM)					
Disinfected?					
☒ Yes ☐ No					

Map of Well Location

Please provide a map below following instructions on the back.

A hand-drawn map showing a street intersection. The vertical street is labeled 'Stateville' and 'Main St.' with an arrow pointing upwards. The horizontal street is labeled 'Main St.' and '18th Stateville'. To the left of the intersection is 'West Ridge' with an arrow pointing left. To the right is 'Parade' with an arrow pointing right. Above the intersection is a 'Well' and 'Hardwood 20K'. A square with the letter 'H' is marked on the 'Main St.' road. Arrows indicate directions of travel on all streets.

Comments:

Weill owner's information package delivered ☐ Yes ☒ No	Date Package Delivered Y Y Y Y M M D D _____	Ministry Use Only Audit No. 2252122
	Date Work Completed 20190122	Received FEB 13 2019



Ministry
of the
Environment

Ontario

The Ontario Water Resources Act

WATER WELL RECORD

3164e

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11

1518644

MUNICIPALITY
15.003

CON. 09

09

COUNTY OR DISTRICT

TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE
Goulbourn

CON. BLOCK, TRACT, SURVEY, ETC

Conc. 9

LOT

25-27

022

Stittsville, Ontario. KOA 3G0

DATE COMPLETED

DAY 04 MO 10 YR 83

09799

4

ELEVATION
0410

4

BASIN CODE
26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET	
				FROM	TO
Brown	Sand	Boulders	Packed	0	10
Gray	Sand		Packed	10	50
Gray	Sand	Gravel & Boulders		50	54
Gray	Limestone		Medium	54	160
Gray	Limestone		Medium	160	175

31

32

41

WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER			
10-13	1 ☒ FRESH	3 ☐ SULPHUR	4 ☐ MINERAL	34
0155'	2 ☐ SALTY	4 ☐ MINERAL		
15-18	1 ☒ FRESH	3 ☐ SULPHUR	4 ☐ MINERAL	19
0170'	2 ☐ SALTY	4 ☐ MINERAL		
20-23	1 ☐ FRESH	3 ☐ SULPHUR	4 ☐ MINERAL	24
	2 ☐ SALTY	4 ☐ MINERAL		
25-28	1 ☐ FRESH	3 ☐ SULPHUR	4 ☐ MINERAL	29
	2 ☐ SALTY	4 ☐ MINERAL		
30-33	1 ☐ FRESH	3 ☐ SULPHUR	4 ☐ MINERAL	34
	2 ☐ SALTY	4 ☐ MINERAL		

51

CASING & OPEN HOLE RECORD

INSIDE DIAM. INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
06 10-11	1 ☒ STEEL	12	0	00 57
6 1 4	2 ☐ GALVANIZED			
	3 ☐ CONCRETE			
	4 ☐ OPEN HOLE			
17-18	1 ☐ STEEL	19	57	175
6 1 4	2 ☐ GALVANIZED			
	3 ☐ CONCRETE			
	4 ☒ OPEN HOLE			
24-25	1 ☐ STEEL	26		27-30
	2 ☐ GALVANIZED			
	3 ☐ CONCRETE			
	4 ☐ OPEN HOLE			

SCREEN

SIZE(S) OF OPENING (SLOT NO.)

31-33

DIAMETER

34-38

LENGTH

39-40

INCHES

FEET

MATERIAL AND TYPE

DEPTH TO TOP OF SCREEN

41-44

FEET

61

PLUGGING & SEALING RECORD

DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
FROM	TO	
10-13	14-17	
18-21	22-25	
26-29	30-33	

71

PUMPING TEST

PUMPING TEST METHOD ☒ PUMP ☒ BAILER

PUMPING RATE 0007 GPM

DURATION OF PUMPING 01 HOURS 00 MINS

STATIC LEVEL 040 FEET

WATER LEVEL END OF PUMPING 100 FEET

WATER LEVELS DURING PUMPING

15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
100	100	100	100

PUMP INTAKE SET AT 130 FEET

WATER AT END OF TEST 100 FEET

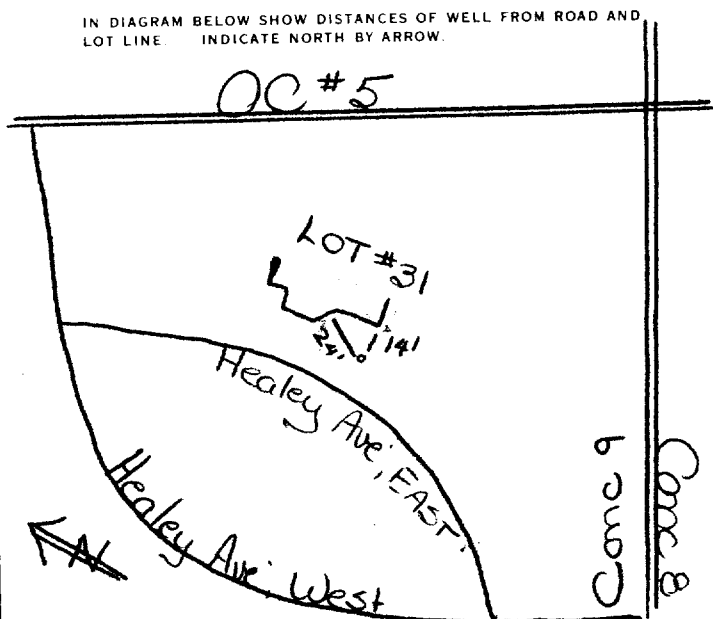
RECOMMENDED PUMP TYPE ☒ SHALLOW ☐ DEEP

RECOMMENDED PUMP SETTING 130 FEET

RECOMMENDED PUMPING RATE 0005 GPM

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS

FINAL STATUS OF WELL

- 1 ☒ WATER SUPPLY
2 ☐ OBSERVATION WELL
3 ☐ TEST HOLE
4 ☐ RECHARGE WELL
5 ☐ ABANDONED, INSUFFICIENT SUPPLY
6 ☐ ABANDONED, POOR QUALITY
7 ☐ UNFINISHED

WATER USE

- 1 ☒ DOMESTIC
2 ☐ STOCK
3 ☐ IRRIGATION
4 ☐ INDUSTRIAL
5 ☐ COMMERCIAL
6 ☐ MUNICIPAL
7 ☐ PUBLIC SUPPLY
8 ☐ COOLING OR AIR CONDITIONING
9 ☐ NOT USED

METHOD OF DRILLING

- 1 ☒ CABLE TOOL
2 ☐ ROTARY (CONVENTIONAL)
3 ☐ ROTARY (REVERSE)
4 ☐ ROTARY (AIR)
5 ☒ AIR PERCUSSION
6 ☐ BORING
7 ☐ DIAMOND
8 ☐ JETTING
9 ☐ DRIVING

NAME OF WELL CONTRACTOR

LICENCE NUMBER

Capital Water Supply Ltd.

1558

ADDRESS

Box 490; Stittsville, Ont. KOA 3G0

NAME OF DRILLER OR BORER

LICENCE NUMBER

W. Kavanagh / C. Sparks

SIGNATURE OF CONTRACTOR

SUBMISSION DATE

DAY 05 MO 10 YR 83

OFFICE USE ONLY

DATA SOURCE

58

CONTRACTOR

59-62

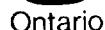
DATE RECEIVED

23 11 83

DATE OF INSPECTION

INSPECTOR

REMARKS



Ontario

3164e

WATER WELL RECORD

2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11

1519542

MUNICIP.
15,003

CON.
CON

109

COUNTY OR DISTRICT

TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE

CON. BLOCK, TRACT, SURVEY, ETC

LOT	25-27
-----	-------

Ottawa Carleton

Goulbourn

Conc. 9

Q22

1735 Courtwood Cres.: Ottawa, Ont. K2C 3H5 DAY 18 MO 04 YR. 85

NG 09799

RC.
4

ELEVATION
10410

RC
4

BASIN CO
26

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

[illegible][illegible]

41		WATER RECORD			
WATER FOUND AT - FEET		KIND OF WATER			
0-13	1 ☒ FRESH	3 ☐ SULPHUR			14
	2 ☐ SALTY	4 ☐ MINERAL			
15-18	1 ☐ FRESH	3 ☐ SULPHUR			19
	2 ☐ SALTY	4 ☐ MINERAL			
20-23	1 ☐ FRESH	3 ☐ SULPHUR			24
	2 ☐ SALTY	4 ☐ MINERAL			
25-28	1 ☐ FRESH	3 ☐ SULPHUR			29
	2 ☐ SALTY	4 ☐ MINERAL			
30-33	1 ☐ FRESH	3 ☐ SULPHUR			34
	2 ☐ SALTY	4 ☐ MINERAL			

51		32		43	
CASING & OPEN HOLE RECORD					
INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET		
			FROM	TO	
10-11 06 6 1/4	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	12			13-16
17-18 53 06 3/8	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE	19	.188	0 / 050	20-23
24-25	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	26		50 / 0170	27-30

SCREEN	SIZE(S) OF OPENING (SLOT NO.)	DIAMETER	LENGTH
	INCHES	INCHES	FEET
	MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN	FEET

61		PLUGGING & SEALING RECORD	
DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)	
FROM	TO		
10-13	14-17		
18-21	22-25		
26-29	30-33	80	

PUMPING TEST

71

PUMPING TEST METHOD		10	PUMPING RATE		11-14	DURATION OF PUMPING	
1 ☐ PUMP 2 ☒ BAILER			0010 GPM		01	15-16 HOURS	17-18 MINS
STATIC LEVEL	WATER LEVEL END OF PUMPING	25	WATER LEVELS DURING			1 ☒ PUMPING 2 ☐ RECOVERY	
19-21	22-24	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES		
015 FEET	120 FEET	20-28 120 FEET	29-31 120 FEET	32-34 120 FEET	35-37 120 FEET		
IF FLOWING, GIVE RATE		38-41	PUMP INTAKE SET AT		WATER AT END OF TEST		42
		GPM	FEET		1 ☐ CLEAR 2 ☒ CLOUDY		
RECOMMENDED PUMP TYPE		RECOMMENDED PUMP SETTING	43-45	RECOMMENDED PUMPING RATE		46-49	
☐ SHALLOW ☒ DEEP			150 FEET	0005 GPM			

0-53

FINAL STATUS OF WELL	54 1 ☒ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL	5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED, POOR QUALITY 7 ☐ UNFINISHED
WATER USE	55-56 1 ☒ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL ☐ OTHER	5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING³ 9 ☐ NOT USED
METHOD OF DRILLING	57 1 ☒ CABLE TOOL 2 ☒ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☒ AIR PERCUSSION	6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING

6556 LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.

Healey Ave. W.

Healey Ave. E.

27' 4"

11' 7"

Lot #25

DRILLERS REMARKS

CONTRACTOR	NAME OF WELL CONTRACTOR	LICENCE NUMBER
	Capitol Water Supply Ltd.	1558
	ADDRESS	
	Box 490; Stittsville, Ont. K0A 3G0	
	NAME OF DRILLER OR BORER	LICENCE NUMBER
	W. Kavanagh / J. Moore	
	SIGNATURE OF CONTRACTOR	SUBMISSION DATE
	W. Kavanagh	DAY 19 MO. 04 YR. 85

OFFICE USE ONLY	DATA SOURCE	58 1	CONTRACTOR 1558	59-62	DATE RECEIVED	63-68 240485	80
	DATE OF INSPECTION		INSPECTOR				
	REMARKS						

Print only in spaces provided.

Mark correct box with a checkmark, where applicable.

11

1532214

Municipality

15003

Con.

COIN

09

County or District Ottawa Carleton	Township/Borough/City/Town/Village Goulbourn	Con block tract survey, etc. 9	Lot 22	25-27
Address 64 Beaverbrook Lane, Kanata ON. K2K 1L5		Date completed 27 day 08 month 01 year	48-53	

21

UTM Northing RC Elevation RC Basin Code ii iii iv

18 24 26 30 31 47

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)[illegible]

31      

41		42		43		44		45		46		47	
WATER RECORD													
Water found at - feet				Kind of water									
70		10-13		1 ☐ Fresh		3 ☐ Sulphur						14	
				2 ☐ Salty		4 ☐ Minerals							
						6 ☐ Gas							
88		15-18		1 ☐ Fresh		3 ☐ Sulphur						19	
				2 ☐ Salty		4 ☐ Minerals							
						6 ☐ Gas							
		20-23		1 ☐ Fresh		3 ☐ Sulphur						24	
				2 ☐ Salty		4 ☐ Minerals							
						6 ☐ Gas							
		25-28		1 ☐ Fresh		3 ☐ Sulphur						29	
				2 ☐ Salty		4 ☐ Minerals							
						6 ☐ Gas							
		30-33		1 ☐ Fresh		3 ☐ Sulphur						34	
				2 ☐ Salty		4 ☐ Minerals							
						6 ☐ Gas							

CASING & OPEN HOLE RECORD					
Inside diam inches	Material	Wall thickness inches	Depth - feet		
			From	To	
6 1/4	1 ☒ Steel 2 ☒ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic	.188	0	30	13-16
6	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic		30	75	20-23
5 3/4	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic		75	98	27-30

SCREEN	Sizes of opening (Slot No.)	31-33	Diameter	34-38	Length	39-40
			inches		feet	
	Material and type			Depth at top of screen		3
						41-44
						feet

61		PLUGGING & SEALING RECORD	
☐ Annular space		☐ Abandonment	
Depth set at - feet		Material and type (Cement grout, bentonite, etc.).	
From	To		
10-13	14-17		
18-21	22-25		
26-29	30-33		
		80	

PUMPING TEST	Pumping test method ¹⁰		Pumping rate ¹¹⁻¹⁴		Duration of pumping ¹⁵⁻¹⁸	
	1 ☐ Pump 2 ☒ Bailor		10 GPM		1 Hours 17-18 Mins	
	Static level	Water level end of pumping	Water levels during		1 ☒ Pumping 2 ☐ Recovery	
	¹⁹⁻²¹	²²⁻²⁴	²⁵	²⁶⁻²⁸	²⁹⁻³¹	³²⁻³⁴
	11 feet	18 feet	15 minutes	30 minutes	45 minutes	60 minutes
			18 feet	18 feet	18 feet	18 feet
If flowing give rate ³⁸⁻⁴¹		Pump intake set at		Water at end of test ⁴²		
GPM		feet		☐ Clear ☒ Cloudy		
Recommended pump type		Recommended pump setting ⁴³⁻⁴⁵		Recommended pump rate ⁴⁶⁻⁴⁹		
☐ Shallow ☒ Deep		70 feet		5 GPM		

FINAL STATUS OF WELL			54
1 ☒ Water supply	5 ☐ Abandoned, insufficient supply	9 ☐ Unfinished	
2 ☐ Observation well	6 ☐ Abandoned, poor quality	10 ☐ Replacement well	
3 ☐ Test hole	7 ☐ Abandoned (Other)		
4 ☐ Recharge well	8 ☐ Dewatering		

WATER USE			55-56
1 ☒ Domestic	5 ☐ Commercial	9 ☐ Not use	
2 ☐ Stock	6 ☐ Municipal	10 ☐ Other	
3 ☐ Irrigation	7 ☐ Public supply		
4 ☐ Industrial	8 ☐ Cooling & air conditioning		

METHOD OF CONSTRUCTION			57
1 ☒ Cable tool 75-98	5 ☒ Air percussion	9 ☐ Driving	
2 ☐ Rotary (conventional)	6 ☐ Boring	10 ☐ Digging	
3 ☐ Rotary (reverse)	7 ☐ Diamond	11 ☐ Other	
4 ☒ Rotary (air)	8 ☐ Jetting		

LOCATION OF WELL

➞ In diagram below show distances of well from road and lot line.
Indicate north by arrow.

Huntley Rd (O.C. #5)

Woodside Acres

Brad Cres.

45'

29'

230230

Name of Well Contractor	Well Contractor's Licence No.
Capital Water Supply Ltd.	1558
Address	
Box 490, Stittsville, ON. K2S 1A6	
Name of Well Technician	Well Technician's Licence No.
S. Miller & P. Stanton	T0097 & T0086
Signature of Technician/Contractor	Submission date
	day 29 mo 8 yr 01

MINISTRY USE ONLY	Data source	58 Contractor	59-02	Date received	63-08
		1558		SEP 17 2001	
	Date of inspection	Inspector			
	Remarks				
	OSS.ES1				

Print only in spaces provided.
Mark correct box with a checkmark, where applicable.

11

1532215

Municipality **15003** Con. **CON** **09**

County or District Ottawa Carleton	Township/Borough/City/Town/Village Goulbourn	Con block tract survey, etc. 9	Lot 22	25-27
Address 24 Morning Sun Cr., Stittsville, ON. K2S 1M6		Date completed 27 day	08 month	01 year 48-53

Figure 1 shows a 1D seismic profile. The profile is a horizontal line with a black rectangular block on the left. Below the line are several vertical tick marks. Above the line, labels indicate 'Northing' (with values 18, 24, 25, 26, 30, 31), 'RC' (with values 10, 12, 17, 18, 24, 25, 26, 30, 31), 'Elevation' (with values 10, 12, 17, 18, 24, 25, 26, 30, 31), 'Basin Code' (with values ii, iii, iv), and 'RC' (with values 10, 12, 17, 18, 24, 25, 26, 30, 31). A small box on the left contains the number '21'.

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)

[illegible]

31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80

41		10		14		15		21		31		32		33		34		35		36		37		38		39		40																															
41										51										61																																							
WATER RECORD										CASING & OPEN HOLE RECORD										SCREEN																																							
Water found at - feet										Kind of water										Sizes of opening (Slot No.)										Diameter										Length																			
76 ¹⁰⁻¹³										☐ Fresh ☐ Salty										☐ Sulphur ☐ Minerals ☐ Gas										31-33										34-38										39-40									
91 ¹⁵⁻¹⁸										NOT RECORDED										6 1/4										.188										0										30 ¹⁵⁻¹⁶									
20-23										☐ Fresh ☐ Salty										☐ Sulphur ☐ Minerals ☐ Gas										17-18										19										20-23									
25-26										☐ Fresh ☐ Salty										☐ Sulphur ☐ Minerals ☐ Gas										6										30										75									
30-33										☐ Fresh ☐ Salty										☐ Sulphur ☐ Minerals ☐ Gas										24-25										26										27-30									
5 3/4										☐ Steel ☐ Galvanized ☐ Concrete ☒ Open hole ☐ Plastic										5										75										100																			
61										PLUGGING & SEALING RECORD										SCREEN																																							
										☒ Annular space ☐ Abandonment										Depth set at - feet										Material and type (Cement grout, bentonite, etc.)																													
																				From										To																													
30 ¹⁰⁻¹³										0 ¹⁴⁻¹⁷										Grouted cement (4)																																							
18-21										22-25																																																	
26-29										30-33										80																																							

PUMPING TEST	71 Pumping test method ¹⁰ 1 ☐ Pump 2 ☒ Bailer		Pumping rate ¹¹⁻¹⁴ 10 GPM		Duration of pumping ¹⁵⁻¹⁶ 1 Hours ¹⁷⁻¹⁸ 15 Mins	
	Static level		25 Water levels during 1 ☒ Pumping 2 ☐ Recovery		Water level end of pumping	
	19-21 14 feet		22-24 20 feet		26-28 20 feet	
	29-31 20 feet		32-34 20 feet		35-37 20 feet	
	If flowing give rate ³⁸⁻⁴¹ GPM		Pump intake set at 70 feet		Water at end of test ⁴² ☐ Clear ☐ Cloudy	
Recommended pump type ☐ Shallow ☒ Deep		Recommended pump setting ⁴³⁻⁴⁵ 70 feet		Recommended pump rate ⁴⁶⁻⁴⁹ 5 GPM		
50-53						

FINAL STATUS OF WELL		54
1 ☐ Water supply	5 ☐ Abandoned, insufficient supply	9 ☐ Unfinished
2 ☐ Observation well	6 ☐ Abandoned, poor quality	10 ☐ Replacement well
3 ☐ Test hole	7 ☐ Abandoned (Other)	
4 ☐ Recharge well	8 ☐ Dewatering	

WATER USE		55-56
1 ☒ Domestic	5 ☐ Commercial	9 ☐ Not use
2 ☐ Stock	6 ☐ Municipal	10 ☐ Other
3 ☐ Irrigation	7 ☐ Public supply	
4 ☐ Industrial	8 ☐ Cooling & air conditioning	

METHOD OF CONSTRUCTION		57
1 ☒ Cable tool	5 ☒ Air percussion	9 ☐ Driving
2 ☐ Rotary (conventional)	6 ☐ Boring	10 ☐ Digging
3 ☐ Rotary (reverse)	7 ☐ Diamond	11 ☐ Other
4 ☒ Rotary (air)	8 ☐ Jetting	

LOCATION OF WELL

In diagram below show distances of well from road and lot line.
Indicate north by arrow.

Huntley Rd (O.C. #5)

Bred Court

Woodside Acres

Lot 2

230229

Name of Well Contractor	Well Contractor's Licence No.
Capital Water Supply Ltd.	1558
Address	
Box 490, Stittsville, ON. K2S 1A6	
Name of Well Technician	Well Technician's Licence No.
S. Miller & P. Stanton	T0097 T0086
Signature of Technician/Contractor	Submission date
<i>[Signature]</i>	day 29 mo 8 yr 01

MINISTRY USE ONLY	Data source	58	Contractor	59-62	Date received	63-68	80
			1558	SEP 17 2001			
	Date of inspection		Inspector				
Remarks							
OSS.ES1							



The Ontario Water Resources Act

WATER WELL RECORD

Mark correct box with a checkmark, where applicable.

1532224

15003

COM

09

County or District Ottawa Carleton	Township/Borough/City/Town/Village Goulbourn	Con block tract survey, etc. 9	Lot 22
25-47 First Name 48-53 Date completed	Address c/o [REDACTED] P.O. Box 93 Stittsville	27 day	08 month
25-47 First Name	Address c/o [REDACTED] P.O. Box 93 Stittsville	27 day	08 month

21 Zone Easting Northing RC Ontario R25 Baseline II III IV
 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47

[illegible][illegible]

41	WATER RECORD				21
Water found at - feet		Kind of water			
50	10-13	1 ☐ Fresh 2 ☐ Salty	3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas	14	
170	15-16	NOT TESTED			19
	20-23	1 ☐ Fresh 2 ☐ Salty	3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas	24	
	25-28	1 ☐ Fresh 2 ☐ Salty	3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas	29	
	30-33	1 ☐ Fresh 2 ☐ Salty	3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas	34	

51 CASING & OPEN HOLE RECORD					
Inside diam inches	Material	Wall thickness inches	Depth - feet		
			From	To	
6 1/4	1 ☒ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic	12 .188	0	21 ¹⁶	
17-18 6	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☒ Open hole 5 ☐ Plastic	19	21	48	
24-25 5 7/8	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☒ Open hole 5 ☐ Plastic	26	48	180	

SCREEN	Sizes of opening (Slot No.)	31-33	Diameter	34-38	Length	39-40
			inches		feet	
	Material and type			Depth at top of screen		3
				41-44		
				feet		

61 PLUGGING & SEALING RECORD			
☒ Annular space		☐ Abandonment	
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)	
From	To		
2 ¹⁰⁻¹³	0 ¹⁴⁻¹⁷	Grouted-cement (3)	
18-21	22-25		
26-29	30-33	80	

PUMPING TEST	71 Pumping test method ¹⁰ 1 ☐ Pump 2 ☒ Bailor		Pumping rate ¹¹⁻¹⁴ 10 GPM		Duration of pumping ¹⁵⁻¹⁶ 1 Hours ¹⁷⁻¹⁸ Mins	
	25 Static level ¹⁹⁻²¹ Water level end of pumping ²²⁻²⁴ 14 feet 70 feet		Water levels during 1 ☒ Pumping 2 ☐ Recovery			
			15 minutes ²⁵⁻²⁶ 23 feet		30 minutes ²⁷⁻³¹ 20 feet	
			45 minutes ³²⁻³⁴ 18 feet		60 minutes ³⁵⁻³⁷ 16 feet	
	If flowing give rate ³⁸⁻⁴¹ GPM		Pump intake set at ⁴² feet		Water at end of test ☐ Clear ☒ Cloudy	
Recommended pump type ☐ Shallow ☒ Deep		Recommended pump setting ⁴³⁻⁴⁵ 160 feet		Recommended pump rate ⁴⁶⁻⁴⁹ 5 GPM		

FINAL STATUS OF WELL		54
1 ☒ Water supply	5 ☐ Abandoned, insufficient supply	9 ☐ Unfinished
2 ☐ Observation well	6 ☐ Abandoned, poor quality	10 ☐ Replacement well
3 ☐ Test hole	7 ☐ Abandoned (Other)	
4 ☐ Recharge well	8 ☐ Dewatering	

WATER USE		55-56
1 ☒ Domestic	5 ☐ Commercial	9 ☐ Not use
2 ☐ Stock	6 ☐ Municipal	10 ☐ Other
3 ☐ Irrigation	7 ☐ Public supply	
4 ☐ Industrial	8 ☐ Cooling & air conditioning	

METHOD OF CONSTRUCTION		57
1 ☐ Cable tool	5 ☐ Air percussion	9 ☐ Driving
2 ☒ Rotary (conventional)	6 ☐ Boring	10 ☐ Digging
3 ☐ Rotary (reverse)	7 ☐ Diamond	11 ☐ Other
4 ☒ Rotary (air)	8 ☐ Jetting	

LOCATION OF WELL

➔ In diagram below show distances of well from road and lot line.
Indicate north by arrow.

Huntley Rd (O.C. #5)

Brad Court

Woodside Acres

Lot #1

32

24

230232

Name of Well Contractor	Well Contractor's Licence No.
Capital Water Supply Ltd.	1558
Address	
Box 490, Stittsville, ON. K2S 1A6	
Name of Well Technician	Well Technician's Licence No.
S. Miller S. Stanton	T0097 & T0086
Signature of Technician/Contractor	Submission date
<i>[Signature]</i>	day 8 mo 01 yr 01

MINISTRY USE ONLY	Data source	58	Contractor	59-62	Date received	63-68
			1558		SEP 17 2001	
	Date of inspection		Inspector			
	Remarks					
	DSS.ES1					



The Ontario Water Resources Act

WATER WELL RECORD

Print only in spaces provided.

Mark correct box with a checkmark, where applicable.

11

1532395

Municipality
15003

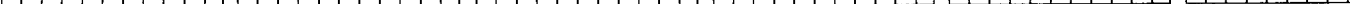
Con. CON 09

County or District Ottawa Carleton	Township/Borough/City/Town/Village Goulbourn	Con block tract survey, etc. 9	Lot 22	25-27
Address 24 Spindle Way, Stittsville. ON. K2S 1J3		Date completed 15 10 01	48-53 day month year	

21 U Northring RC Elevation RC Basin Code ii iii iv
 1 T 10 12 17 18 24 25 26 30 31 47
 2 M

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)

General colour	Most common material	Other materials	General description	Depth - feet	
				From	To
Brown	soil	stones		0	8
Brown	shale			8	11
Grey	limestone			11	180
Note: casing was left 12" above ground level at time of drilling.					

31 

32 

41		14 15		21	
WATER RECORD					
Water found at - feet		Kind of water			
175	15-13	NOT TESTED		☐ Sulphur ☐ Minerals ☐ Salty ☐ Gas	14
	15-18	1 ☐ Fresh 2 ☐ Salty	3 ☐ Sulphur 4 ☐ Minerals 6 ☐ Gas		19
	20-23	1 ☐ Fresh 2 ☐ Salty	3 ☐ Sulphur 4 ☐ Minerals 6 ☐ Gas		24
	25-28	1 ☐ Fresh 2 ☐ Salty	3 ☐ Sulphur 4 ☐ Minerals 6 ☐ Gas		29
	30-33	1 ☐ Fresh 2 ☐ Salty	3 ☐ Sulphur 4 ☐ Minerals 6 ☐ Gas		34

CASING & OPEN HOLE RECORD				
Inside diam inches	Material	Wall thickness inches	Depth - feet	
			From	To
6 10 1/4	☒ Steel ☐ Galvanized ☐ Concrete ☐ Open hole ☐ Plastic	.188	0	21'6"
6 17-18 1/8	☐ Steel ☐ Galvanized ☐ Concrete ☒ Open hole ☐ Plastic		21'6"	60
5 24-25 15/16	☐ Steel ☐ Galvanized ☐ Concrete ☒ Open hole ☐ Plastic		60	180

SCREEN	Sizes of opening (Slot No.)	31-33	Diameter	34-38	Length	39-40
			inches		feet	
	Material and type			Depth at top of screen		
				41-44		
				feet		

61				PLUGGING & SEALING RECORD			
☒ Annular space				☐ Abandonment			
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)					
From	To						
10-13 21'6"	14-17 0	Grouted-cement (3)					
18-21	22-25						
26-29	30-33	80					

PUMPING TEST	71 Pumping test method ¹⁰ 1 ☒ Pump 2 ☐ Bailor		Pumping rate ¹¹⁻¹⁴ 16 GPM		Duration of pumping ¹⁵⁻¹⁶ 1 Hours ¹⁷⁻¹⁸ _____ Mins	
	Static level		25 Water levels during 1 ☒ Pumping 2 ☐ Recovery		Water level end of pumping	
	19-21 19 feet		22-24 36 feet		15 minutes ²⁶⁻²⁸ 31 feet	
			30 minutes ²⁹⁻³¹ 33 feet		45 minutes ³²⁻³⁴ 35 feet	
					60 minutes ³⁵⁻³⁷ 36 feet	
	If flowing give rate ³⁸⁻⁴¹ GPM		Pump intake set at feet		Water at end of test ⁴² ☐ Clear ☐ Cloudy	
Recommended pump type ☐ Shallow ☒ Deep		Recommended pump setting ⁴³⁻⁴⁵ 150 feet		Recommended pump rate ⁴⁶⁻⁴⁹ 5 GPM		

FINAL STATUS OF WELL			54
1 ☒ Water supply	5 ☐ Abandoned, insufficient supply	9 ☐ Unfinished	
2 ☐ Observation well	6 ☐ Abandoned, poor quality	10 ☐ Replacement well	
3 ☐ Test hole	7 ☐ Abandoned (Other)		
4 ☐ Recharge well	8 ☐ Dewatering		

WATER USE			55-56
1 ☒ Domestic	5 ☐ Commercial	9 ☐ Not use	
2 ☐ Stock	6 ☐ Municipal	10 ☐ Other	
3 ☐ Irrigation	7 ☐ Public supply		
4 ☐ Industrial	8 ☐ Cooling & air conditioning		

METHOD OF CONSTRUCTION			57
1 ☒ Cable tool	60-180	☒ Air percussion	9 ☐ Driving
2 ☐ Rotary (conventional)	6 ☐ Boring		10 ☐ Digging
3 ☐ Rotary (reverse)	7 ☐ Diamond		11 ☐ Other
4 ☒ Rotary (air)	8 ☐ Jetting		

LOCATION OF WELL

In diagram below show distances of well from road and lot line.
Indicate north by arrow.

Brad Court

47'6"

48'6"

Porch

House

Lot #6

Woodside Acres

230285

Name of Well Contractor Capital Water Supply Ltd.	Well Contractor's Licence No. 1558
Address Box 490, Stittsville, Ontario K2S 1A6	
Name of Well Technician S. Miller / S. Stanton	Well Technician's Licence No. T0097 / T0086
Signature of Technician/Contractor 	Submission date day 16 mo 10 yr 01

MINISTRY USE ONLY	Data source	58	Contractor	59-62	Date received	63-68	6
			1558		NOV 27 2001		
	Date of inspection		Inspector				
	Remarks						
	288.391						

Print only in spaces provided.

Mark correct box with a checkmark, where applicable.

11

1531695

Municipality

Municipality
15003

Con.

CON

09

County or District <i>Attala - Clinton</i>	Township/Borough/City/Town/Village <i>Goulbourn</i>	Con block tract survey, etc. <i>9</i>	Lot <i>22</i>
Address <i>Sittisville, Pa</i>		Date completed <i>28 10 00</i>	

[illegible][illegible]

41		14 15		21	
WATER RECORD					
Water found at - feet		Kind of water			
10-13	1	☒ Fresh	3	☐ Sulphur	14
	2	☐ Salty	6	☐ Minerals ☐ Gas	
15-18	1	☐ Fresh	3	☐ Sulphur	19
	2	☐ Salty	6	☐ Minerals ☐ Gas	
20-23	1	☐ Fresh	3	☐ Sulphur	24
	2	☐ Salty	6	☐ Minerals ☐ Gas	
25-28	1	☐ Fresh	3	☐ Sulphur	29
	2	☐ Salty	6	☐ Minerals ☐ Gas	
30-33	1	☐ Fresh	3	☐ Sulphur	34
	2	☐ Salty	6	☐ Minerals ☐ Gas	

51		32		43	
CASING & OPEN HOLE RECORD					
Inside diam inches	Material	Wall thickness inches	Depth - feet		
			From	To	
10-11 6 1/4	1 ☒ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic	1188	0	22	
17-18 8 3/4	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☒ Open hole 5 ☐ Plastic		0	20	
24-25 6	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☒ Open hole 5 ☐ Plastic		20	400	

SCREEN	Sizes of opening (Slot No.)	31-33	Diameter	34-38	Length	39-40
			inches		feet	
	Material and type		Depth at top of screen 41-44			
					feet	

61	PLUGGING & SEALING RECORD		
☒ Annular space		☐ Abandonment	
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)	
From	To		
7 ²³ 18-21	22 22-25	Cement grout	
26-29	30-33		
		80	

PUMPING TEST	71 Pumping test method ¹⁰ 1 ☐ Pump 2 ☐ Bailer		Pumping rate ¹¹⁻¹⁴ 5 GPM		Duration of pumping ¹⁵⁻¹⁸ 17-18 Hours Mins	
	25 Static level		Water level end of pumping		Water levels during 1 ☒ Pumping 2 ☐ Recovery	
	19-21 17 feet	22-24 223 feet	26-28 56 feet	29-31 129 feet	32-34 184 feet	35-37 223 feet
	If flowing give rate ³⁸⁻⁴¹ GPM		Pump intake set at ⁴² feet		Water at end of test ⁴³ ☐ Clear ☒ Cloudy	
	Recommended pump type ⁴⁶⁻⁴⁹ ☐ Shallow ☒ Deep		Recommended pump setting ⁴³⁻⁴⁵ 300 feet		Recommended pump rate ⁴⁶⁻⁴⁹ 5 GPM	
	50-53					

FINAL STATUS OF WELL		54
1 ☒ Water supply	5 ☐ Abandoned, insufficient supply	9 ☐ Unfinished
2 ☐ Observation well	6 ☐ Abandoned, poor quality	10 ☐ Replacement well
3 ☐ Test hole	7 ☐ Abandoned (Other)	
4 ☐ Recharge well	8 ☐ Dewatering	

WATER USE		55-56
1 ☒ Domestic	5 ☐ Commercial	9 ☐ Not use
2 ☐ Stock	6 ☐ Municipal	10 ☐ Other
3 ☐ Irrigation	7 ☐ Public supply	
4 ☐ Industrial	8 ☐ Cooling & air conditioning	

METHOD OF CONSTRUCTION		57
1 ☐ Cable tool	5 ☒ Air percussion	9 ☐ Driving
2 ☐ Rotary (conventional)	6 ☐ Boring	10 ☐ Digging
3 ☐ Rotary (reverse)	7 ☐ Diamond	11 ☐ Other
4 ☐ Rotary (air)	8 ☐ Jetting	

LOCATION OF WELL

In diagram below show distances of well from road and lot line.
Indicate north by arrow.

222843

Name of Well Contractor	Well Contractor's Licence No.
Air-Rock Drilling Co. Ltd	1119
Address	
RR # 2 Jasper Dist	
Name of Well Technician	Well Technician's Licence No.
Kenny Desaulniers	TY
Signature of Technician/Contractor	Submission date
	02 day 11 mo 90

MINISTRY USE ONLY	Data source	Contractor	Date received
	58	59-62	63-68
	11 19	JAN 03 2001	
	Date of inspection	Inspector	
	Remarks		
	CSS.ES1		



The Ontario Water Resources Act

WATER WELL RECORD

1521852

MUNICIPALITY OF ...

CON

1. PRINT ONLY IN SPACES PROVIDED
2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON. BLOCK, TRACT, SURVEY, ETC.	LOT
Ottawa-Carleton	Goulbourn	Conc. 9	22
OWNER (SURNAME FIRST)	ADDRESS	DATE COMPLETED	
Jim McGill Const.	R.R. # 3; Kemptville, Ont. K0G 1J0	DAY 10 MO 07 YR 87	

21

U
T
M

ZONE

EASTING

NORTHING

RC

ELEVATION

RC

BASIN CODE

II

III

IV

31

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47

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

[illegible]

31

32

41		WATER RECORD			
WATER FOUND AT - FEET		KIND OF WATER			
10-13 135	1	☐ FRESH	3	☐ SULPHUR	14
	2	☒ SALTY	6	☐ MINERALS ☐ GAS	
15-18	1	☐ FRESH	3	☐ SULPHUR	19
	2	☐ SALTY	6	☐ MINERALS ☐ GAS	
20-23	1	☐ FRESH	3	☐ SULPHUR	24
	2	☐ SALTY	6	☐ MINERALS ☐ GAS	
25-28	1	☐ FRESH	3	☐ SULPHUR	29
	2	☐ SALTY	6	☐ MINERALS ☐ GAS	
30-33	1	☐ FRESH	3	☐ SULPHUR	34
	2	☐ SALTY	6	☐ MINERALS ☐ GAS	

51 CASING & OPEN HOLE RECORD				
INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
10-11 6 1/4	☒ 1 STEEL ☒ 2 GALVANIZED ☐ 3 CONCRETE ☐ 4 OPEN HOLE ☐ 5 PLASTIC	12 .188	13-16 0	37
17-18 6	☐ 1 STEEL ☐ 2 GALVANIZED ☐ 3 CONCRETE ☒ 4 OPEN HOLE ☐ 5 PLASTIC	19	37	20-23 150
24-25	☐ 1 STEEL ☐ 2 GALVANIZED ☐ 3 CONCRETE ☐ 4 OPEN HOLE ☐ 5 PLASTIC	26		27-30

SCREEN	SIZE(S) OF OPENING (SLOT NO.)	31-33	DIAMETER	34-38	LENGTH	39-40
	INCHES			FEET		
	MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN		41-44	45-46	47-48
			FEET			

61		PLUGGING & SEALING RECORD	
DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER ETC.)	
FROM	TO		
10-13	14-17		
18-21	22-25		
26-29	30-33	80	

71	PUMPING TEST METHOD		10	PUMPING RATE		11-14	DURATION OF PUMPING	
	1 ☐ PUMP	2 ☒ BAILER		7		GPM	1	
							15-16	17-18
							HOURS	MINS
PUMPING TEST	STATIC LEVEL		WATER LEVEL END OF PUMPING		25	WATER LEVELS DURING		
						1 ☒ PUMPING		
						2 ☐ RECOVERY		
	19-21		22-24		15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
	20 FEET		100 FEET		20-20 75 FEET	20-31 100 FEET	32-34 100 FEET	35-37 100 FEET
IF FLOWING, GIVE RATE		38-41		PUMP INTAKE SET AT		WATER AT END OF TEST		42
		GPM				FEET		
RECOMMENDED PUMP TYPE				RECOMMENDED PUMP SETTING		43-45	RECOMMENDED PUMPING RATE	
☐ SHALLOW ☐ DEEP							5 GPM	
50-53								

FINAL STATUS OF WELL	54	1 ☐ WATER SUPPLY 2 ☒ OBSERVATION WELL 3 ☐ TEST HOLE 4 ☐ RECHARGE WELL	5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED POOR QUALITY 7 ☐ UNFINISHED 9 ☐ DEWATERING
	55-56	1 ☒ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL ☐ OTHER _____	5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING ☐ NOT USED
METHOD OF CONSTRUCTION	57	1 ☐ CABLE TOOL 2 ☐ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☒ AIR PERCUSSION	6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING ☐ DIGGING ☐ OTHER

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE

INDICATE NORTH BY ARROW.

Healey Ave.

15'

10'

9th line

19316

DRILLERS REMARKS

CONTRACTOR	NAME OF WELL CONTRACTOR		WELL CONTRACTOR'S LICENCE NUMBER	
	Capital Water Supply Ltd.		1558	
	ADDRESS			
	Box 490, Stittsville, Ontario. K0A 3G0			
CONTRACTOR	NAME OF WELL TECHNICIAN		WELL TECHNICIAN'S LICENCE NUMBER	
	S. Miller			
	SIGNATURE OF TECHNICIAN/CONTRACTOR		SUBMISSION DATE	
	[Signature]		DAY 10 MO. 02 YR 8	

OFFICE USE ONLY	DATA SOURCE	58	CONTRACTOR	59-62	DATE RECEIVED	63-68
					OCT 01 1987	
	DATE OF INSPECTION		INSPECTOR			
	REMARKS					



The Ontario Water Resources Act

WATER WELL RECORD

1526192

MUNICIP.
115,003

CON.
|CON

109

1. PRINT ONLY IN SPACES PROVIDED

2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11

COUNTY OR DISTRICT

TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE

CON	BLOCK. TRACT. SURVEY ETC
-----	--------------------------

LOT

Bouldern

9

22

DATE COMPLETED _____

48-53

. #3 Stittsville, Ontario K2S 1B8

DAY 1

MO 05

YR. 92

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

[illegible]

31

32

41 WATER RECORD

WATER FOUND AT - FEET		KIND OF WATER			
10-13 143	1 ☒ FRESH	3 ☐ SULPHUR	14		
	2 ☐ SALTY	4 ☐ MINERALS 6 ☐ GAS			
15-18	1 ☐ FRESH	3 ☐ SULPHUR	19		
	2 ☐ SALTY	4 ☐ MINERALS 6 ☐ GAS			
20-23	1 ☐ FRESH	3 ☐ SULPHUR	24		
	2 ☐ SALTY	4 ☐ MINERALS 6 ☐ GAS			
25-28	1 ☐ FRESH	3 ☐ SULPHUR	29		
	2 ☐ SALTY	4 ☐ MINERALS 6 ☐ GAS			
30-33	1 ☐ FRESH	3 ☐ SULPHUR	34		
	2 ☐ SALTY	4 ☐ MINERALS 6 ☐ GAS			

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
6 1/4	☐ STEEL ☐ GALVANIZED ☐ CONCRETE ☐ OPEN HOLE ☐ PLASTIC	.188	0	20
6 6/8	☐ STEEL ☐ GALVANIZED ☐ CONCRETE ☐ OPEN HOLE ☐ PLASTIC		20	148
24-25	☐ STEEL ☐ GALVANIZED ☐ CONCRETE ☐ OPEN HOLE ☐ PLASTIC			27-30

61 PLUGGING & SEALING RECORD

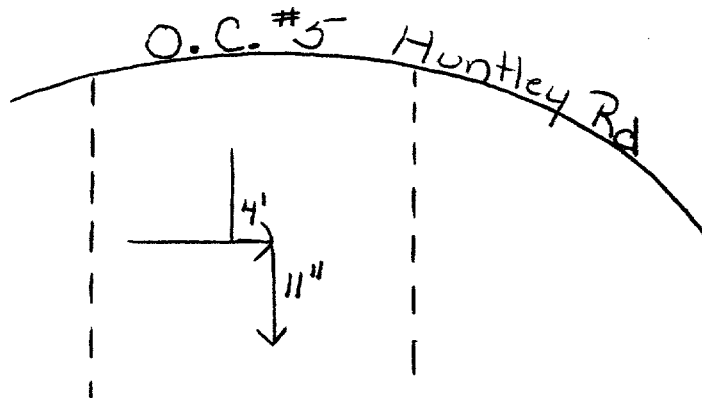
DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)
FROM	TO	
10-13	16-17	Cement (3)
GROUTED		
18-21	22-25	
26-29	30-33	80

71	PUMPING TEST
----	--------------

71	PUMPING TEST METHOD		10	PUMPING RATE		11-14	DURATION OF PUMPING	
	1 ☒ PUMP 2 ☐ BAILER			5		GPM	1 15-16 HOURS 17-18 MINS	
	STATIC LEVEL		25 WATER LEVELS DURING		1 ☒ PUMPING 2 ☐ RECOVERY			
	19-21		22-24		15 MINUTES 20-28		30 MINUTES 29-31	
	30 FEET		60 FEET		60 FEET		60 FEET	
IF FLOWING, GIVE RATE		38-41		PUMP INTAKE SET AT		WATER AT END OF TEST		
		GPM		60 FEET		1 ☒ CLEAR 2 ☐ CLOUDY		
RECOMMENDED PUMP TYPE		RECOMMENDED PUMP SETTING		43-45		RECOMMENDED PUMPING RATE		46-49
☐ SHALLOW ☒ DEEP		120 FEET				5		GPM
50-53								

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE INDICATE NORTH BY ARROW.



DRILLERS REMARKS

113382

CONTRACTOR

CONTRACTOR	NAME OF WELL CONTRACTOR		WELL CONTRACTOR'S LICENCE NUMBER	
	Capital Water Supply Ltd.		1558	
	ADDRESS			
	Box 490 Stittsville, Ontario K2S 1A6			
	NAME OF WELL TECHNICIAN		WELL TECHNICIAN'S LICENCE NUMBER	
	S. Miller		T0097	
	SIGNATURE OF TECHNICIAN/CONTRACTOR		SUBMISSION DATE	
			DAY 14 MO 5 YR 92	

OFFICE USE ONLY

DATA SOURCE	58	CONTRACTOR	59-62	DATE RECEIVED	63-68
		1558		JUN 02 1992	
DATE OF INSPECTION	INSPECTOR				
REMARKS					

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506 (11/86) FORM 9

Print only in spaces provided. Mark correct box with a checkmark, where applicable.

1528486

Municipality 15003 Con. 09

County or District Township/Borough/City/Town/Village Con block tract survey, etc. Lot

Goulbourn 9 22

Address Date completed 31 day 3 month 95

9 Valerie St. Stittsville, Ontario K2S 1L2

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)					
General colour	Most common material	Other materials	General description	Depth - feet	
				From	To
Black	Clay	Sand	Wet	0	2
Brown	Sand	Boulders	Wet	2	14
Gray	Sand	Clay & Boulders	Packed	14	30
Gray	Limestone		Broken	30	32
Gray	Limestone			32	65

WATER RECORD		CASING & OPEN HOLE RECORD			SCREEN	
Water found at - feet	Kind of water	Inside diam inches	Material	Wall thickness inches	Depth - feet	Sizes of opening (Slot No.)
58	NOT TESTED	6 1/4	Steel	.188	0 43.5	Diameter inches
			Galvanized			Length feet
			Concrete			
			Open hole			
			Plastic			
		6 1/8	Steel		43.5 65	Material and type
			Galvanized			Depth at top of screen
			Concrete			
			Open hole			
			Plastic			

PLUGGING & SEALING RECORD	
Annular space	Abandonment
Depth set at - feet	Material and type (Cement grout, bentonite, etc.)
From To	
41 0	Grouted Cement (8)

Pumping test method	Pumping rate	Duration of pumping
Pump Bailer	105 GPM	Hours Mins
Static level	Water level end of pumping	Water levels during Pumping Recovery
0 feet	0 feet	15 minutes 30 minutes 45 minutes 60 minutes
If flowing give rate	Pump intake set at	Water at end of test
6 GPM	feet	Clear Cloudy
Recommended pump type	Recommended pump setting	Recommended pump rate
Shallow Deep	50 feet	5 GPM

FINAL STATUS OF WELL	
Water supply	Abandoned, insufficient supply
Observation well	Abandoned, poor quality
Test hole	Abandoned (Other)
Recharge well	Dewatering
	Unfinished
	Replacement well

WATER USE	
Domestic	Commercial
Stock	Municipal
Irrigation	Public supply
Industrial	Cooling & air conditioning
	Not used
	Other

METHOD OF CONSTRUCTION	
Cable tool	Air percussion
Rotary (conventional)	Boring
Rotary (reverse)	Diamond
Rotary (air)	Jetting
	Driving
	Digging
	Other

LOCATION OF WELL

In diagram below show distances of well from road and lot line. Indicate north by arrow.

O.C. #5

Woodside Acres

Pitless

No House

lot #6

Flewellyn Rd

153106

Name of Well Contractor	Well Contractor's Licence No.
Capital Water Supply Ltd.	1558
Address	
P.O. Box 490 Stittsville, Ontario K2S 1A6	
Name of Well Technician	Well Technician's Licence No.
J. Moore	T0096
Signature of Technician/Contractor	Submission date
	day 31 mo 3 yr 95

MINISTRY USE ONLY	Dec 1558 MAY 11 1995

Ministry
of the
Environment

CARLTON

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The Ontario Water Resources Act

WATER WELL RECORD

1521297

MUNICIPAL

229

COUNTY OR DISTRICT

TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE

CON. BLOCK, TRACT, SURVEY, ETC

LOT	DESCRIPTION	QTY	UNIT	PRICE	TOTAL
1	...	...	...	...	...
2	...	...	...	...	...
3	...	...	...	...	...
4	...	...	...	...	...
5	...	...	...	...	...
6	...	...	...	...	...
7	...	...	...	...	...
8	...	...	...	...	...
9	...	...	...	...	...
10	...	...	...	...	...
11	...	...	...	...	...
12	...	...	...	...	...
13	...	...	...	...	...
14	...	...	...	...	...
15	...	...	...	...	...
16	...	...	...	...	...
17	...	...	...	...	...
18	...	...	...	...	...
19	...	...	...	...	...
20	...	...	...	...	...
21	...	...	...	...	...
22	...	...	...	...	...
23	...	...	...	...	...
24	...	...	...	...	...
25	...	...	...	...	...
26	...	...	...	...	...
27	...	...	...	...	...
28	...	...	...	...	...
29	...	...	...	...	...
30	...	...	...	...	...
31	...	...	...	...	...
32	...	...	...	...	...
33	...	...	...	...	...
34	...	...	...	...	...
35	...	...	...	...	...
36	...	...	...	...	...
37	...	...	...	...	...
38	...	...	...	...	...
39	...	...	...	...	...
40	...	...	...	...	...
41	...	...	...	...	...
42	...	...	...	...	...
43	...	...	...	...	...
44	...	...	...	...	...
45	...	...	...	...	...
46	...	...	...	...	...
47	...	...	...	...	...
48	...	...	...	...	...
49	...	...	...	...	...
50	...	...	...	...	...
51	...	...	...	...	...
52	...	...	...	...	...
53	...	...	...	...	...
54	...	...	...	...	...
55	...	...	...	...	...
56	...	...	...	...	...
57	...	...	...	...	...
58	...	...	...	...	...
59	...	...	...	...	...
60	...	...	...	...	...
61	...	...	...	...	...
62	...	...	...	...	...
63	...	...	...	...	...
64	...	...	...	...	...
65	...	...	...	...	...
66	...	...	...	...	...
67	...	...	...	...	...
68	...	...	...	...	...
69	...	...	...	...	...
70	...	...	...	...	...
71	...	...	...	...	...
72	...	...	...	...	...
73	...	...	...	...	...
74	...	...	...	...	...
75	...	...	...	...	...
76	...	...	...	...	...
77	...	...	...	...	...
78	...	...	...	...	...
79	...	...	...	...	...
80	...	...	...	...	...
81	...	...	...	...	...
82	...	...	...	...	...
83	...	...	...	...	...
84	...	...	...	...	...
85	...	...	...	...	...
86	...	...	...	...	...
87	...	...	...	...	...
88	...	...	...	...	...
89	...	...	...	...	...
90	...	...	...	...	

ATTN: 10

CARISTANI

Paul Bauer

9

2

DATE COMPLETED _____

DAY 15 MO. 7 YR. 87

PO BOX 1150 STITTSMILL

NO.	RC	ELEVATION	RC	Basin Code
1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9
10	10	10	10	10
11	11	11	11	11
12	12	12	12	12
13	13	13	13	13
14	14	14	14	14
15	15	15	15	15
16	16	16	16	16
17	17	17	17	17
18	18	18	18	18
19	19	19	19	19
20	20	20	20	20
21	21	21	21	21
22	22	22	22	22
23	23	23	23	23
24	24	24	24	24
25	25	25	25	25
26	26	26	26	26
27	27	27	27	27
28	28	28	28	28
29	29	29	29	29
30	30	30	30	30
31	31	31	31	31
32	32	32	32	32
33	33	33	33	33
34	34	34	34	34
35	35	35	35	35
36	36	36	36	36
37	37	37	37	37
38	38	38	38	38
39	39	39	39	39
40	40	40	40	40
41	41	41	41	41
42	42	42	42	42
43	43	43	43	43
44	44	44	44	44
45	45	45	45	45
46	46	46	46	46
47	47	47	47	47
48	48	48	48	48
49	49	49	49	49
50	50	50	50	50
51	51	51	51	51
52	52	52	52	52
53	53	53	53	53
54	54	54	54	54
55	55	55	55	55
56	56	56	56	56
57	57	57	57	57
58	58	58	58	58
59	59	59	59	59
60	60	60	60	60
61	61	61	61	61
62	62	62	62	62
63	63	63	63	63
64	64	64	64	64
65	65	65	65	65
66	66	66	66	66
67	67	67	67	67
68	68	68	68	68
69	69	69	69	69
70	70	70	70	70
71	71	71	71	71
72	72	72	72	72
73	73	73	73	73
74	74	74	74	74
75	75	75	75	75
76	76	76	76	76
77	77	77	77	77
78	78	78	78	78
79	79	79	79	79
80	80	80	80	80
81	81	81	81	81
82	82	82	82	82
83	83	83	83	83
84	84	84	84	84
85	85	85	85	85
86	86	86	86	86
87	87	87	87	8

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

[illegible]

3:

32

WATER RECORD

WATER FOUND AT - FEET		KIND OF WATER			
10-13 <i>86</i>	1 ☒ FRESH	3 ☐ SULPHUR			10
	2 ☐ SALTY	4 ☐ MINERAL			
15-18 <i>116</i>	1 ☒ FRESH	3 ☐ SULPHUR			15
	2 ☐ SALTY	4 ☐ MINERAL			
20-23	1 ☐ FRESH	3 ☐ SULPHUR			20
	2 ☐ SALTY	4 ☐ MINERAL			
25-28	1 ☐ FRESH	3 ☐ SULPHUR			25
	2 ☐ SALTY	4 ☐ MINERAL			
30-33	1 ☐ FRESH	3 ☐ SULPHUR			30
	2 ☐ SALTY	4 ☐ MINERAL			

CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
6 1/4" 6"	☒ STEEL ☐ GALVANIZED ☐ CONCRETE ☒ OPEN HOLE	1.88	0'	24'
17-18	☐ STEEL ☐ GALVANIZED ☐ CONCRETE ☐ OPEN HOLE			20-21
24-25	☐ STEEL ☐ GALVANIZED ☐ CONCRETE ☐ OPEN HOLE			27-30

PLUGGING & SEALING RECORD

DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
FROM	TO	
10-13	14-17	
18-21	22-25	
26-29	30-33	80

PUMPING TEST	71
--------------	----

PUMPING TEST

71	PUMPING TEST METHOD		PUMPING RATE		DURATION OF PUMPING	
	1 ☐ PUMP 2 ☒ BAILER		15		2 15-15 17-16 GPM HOURS MINS	
	STATIC LEVEL	WATER LEVEL END OF PUMPING	25 WATER LEVELS DURING			1 ☐ PUMPING 2 ☐ RECOVERY
	19-21	22-24	15 MINUTES 26-28	30 MINUTES 29-31	45 MINUTES 32-34	60 MINUTES 35-37
	20 FEET	60 FEET	60 FEET	60 FEET	60 FEET	60 FEET
IF FLOWING, GIVE RATE		PUMP INTAKE SET AT			WATER AT END OF TEST	
		GPM			FEET	
RECOMMENDED PUMP TYPE		RECOMMENDED PUMP SETTING		RECOMMENDED PUMP RATE		
☐ SHALLOW ☒ DEEP		85 FEET		7 GPM		
60-53						

**FINAL
STATUS
OF WELL**

1	☒ WATER SUPPLY	5	☐ ABANDONED, INSUFFICIENT SUPPLY
2	☐ OBSERVATION WELL	6	☐ ABANDONED, POOR QUALITY
3	☐ TEST HOLE	7	☐ UNFINISHED
4	☐ RECHARGE WELL		

WATER USE

1	☒ DOMESTIC	5	☐ COMMERCIAL
2	☐ STOCK	6	☐ MUNICIPAL
3	☐ IRRIGATION	7	☐ PUBLIC SUPPLY
4	☐ INDUSTRIAL	8	☐ COOLING OR AIR CONDITIONING
	☐ OTHER		☐ NOT USED

METHOD OF DRILLING

1		CABLE TOOL	1	☐	BORING
2	☐	ROTARY (CONVENTIONAL)	2	☐	DIAMOND
3	☐	ROTARY (REVERSE)	3	☐	JETTING
4	☐	ROTARY (AIR)	4	☐	DRIVING
5	☐	AIR PERCUSSION			

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.

LOC # 5

FERN BANK RD

07428

DRILLERS REMARKS

CONTRACTOR	NAME OF WELL CONTRACTOR		LICENCE NUMBER
	M. KAVANAGH & SON WITH DRILLING		3142
	ADDRESS		
	R R 2 PARLETON PLACE		
	NAME OF DRILLER OR BORER		LICENCE NUMBER
	MIKE KAVANAGH		3142
	SIGNATURE OF CONTRACTOR	SUBMISSION DATE	
	Michael Kavanagh	DAY 16 MO 11 87	

OFFICE USE ONLY

DATE SOURCE	NO CONTRACTOR	59-67	DATE RECEIVED	42 64 8
		280487		
DATE OF INSPECTION		INSPECTED		
REMARKS				



The Ontario Water Resources Act

WATER WELL RECORD

Mark correct box with a checkmark, where applicable.

11

1533386

Municipality **15003** Con. **CON** **09**

County or District <i>Ottawa, Carleton</i>		Township/Borough/City/Town/Village <i>Goulbourn Twp.</i>		Con block tract survey, etc. <i>9</i>		Lot <i>22</i>	
[Redacted Address]		Address <i>Rampton, 1965 Main St. Stittville</i>		Date completed <i>1</i> day <i>11</i> month <i>02</i> year			
		21 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 North East South West		RC Basin Code ii iii iv			

LOG OF OVERBURDEN AND BEDROCK MATERIALS (see instructions)					
General colour	Most common material	Other materials	General description	Depth - feet	
				From	To
	blasted rock / clay			0'	12'
	clay / gravel			12'	19'
black	limestone			19'	52'
black / brown	limestone			52'	54'
black	limestone			54'	60'

31

32

10 14 15

11

22

43

54

65 75

41 WATER RECORD			
Water found at - feet	Kind of water		
10-13 53	1 ☒ Fresh 2 ☐ Salty	3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas	14
15-18	1 ☐ Fresh 2 ☐ Salty	3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas	19
20-23	1 ☐ Fresh 2 ☐ Salty	3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas	24
25-28	1 ☐ Fresh 2 ☐ Salty	3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas	29
30-33	1 ☐ Fresh 2 ☐ Salty	3 ☐ Sulphur 4 ☐ Minerals 5 ☐ Gas	34

51 CASING & OPEN HOLE RECORD				
Inside diam inches	Material	Wall thickness inches	Depth - feet	
			From	To
10-11 6"	1 ☒ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic	188	0'	26'
17-18	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic			20-23
24-25	1 ☐ Steel 2 ☐ Galvanized 3 ☐ Concrete 4 ☐ Open hole 5 ☐ Plastic			27-30

SCREEN	Sizes of opening (Slot No.)	Diameter	Length	
			inches	feet
	Material and type		Depth at top of screen	
			feet	

61 PLUGGING & SEALING RECORD			
☐ Annular space		☐ Abandonment	
Depth set at - feet		Material and type (Cement grout, bentonite, etc.)	
From	To		
10-13 0	14-17 26	Cement	
18-21	22-25		
26-29	30-33		

PUMPING TEST	Pumping test method ¹⁰ 1 ☒ Pump 2 ☐ Bailer		Pumping rate ¹¹⁻¹⁴ 60 GPM		Duration of pumping ¹⁵⁻¹⁶ 7 Hours ¹⁷⁻¹⁸ _____ Mins	
	Static level		Water level end of pumping ²⁵		Water levels during 1 ☒ Pumping 2 ☐ Recovery	
	¹⁹⁻²¹ 11' feet		²²⁻²⁴ _____ feet		²⁶⁻²⁸ 11' feet	
			²⁹⁻³¹ 11' feet		³²⁻³⁴ 11' feet	
			³⁵⁻³⁷ 11' feet		³⁸⁻⁴¹ _____ feet	
	If flowing give rate ³⁸⁻⁴¹ _____ GPM		Pump intake set at ⁴² 60 feet		Water at end of test ☐ Clear ☒ Cloudy	
Recommended pump type ☒ Shallow ☐ Deep		Recommended pump setting ⁴³⁻⁴⁵ 35 feet		Recommended pump rate ⁴⁶⁻⁴⁹ 7 GPM		

FINAL STATUS OF WELL			54
1 ☒ Water supply	5 ☐ Abandoned, insufficient supply	9 ☐ Unfinished	
2 ☐ Observation well	6 ☐ Abandoned, poor quality	10 ☐ Replacement well	
3 ☐ Test hole	7 ☐ Abandoned (Other)		
4 ☐ Recharge well	8 ☐ Dewatering		

WATER USE			55-56
1 ☒ Domestic	5 ☐ Commercial	9 ☐ Not use	
2 ☐ Stock	6 ☐ Municipal	10 ☐ Other	
3 ☐ Irrigation	7 ☐ Public supply		
4 ☐ Industrial	8 ☐ Cooling & air conditioning		

METHOD OF CONSTRUCTION			57
1 ☐ Cable tool	5 ☐ Air percussion	9 ☐ Driving	
2 ☐ Rotary (conventional)	6 ☐ Boring	10 ☐ Digging	
3 ☐ Rotary (reverse)	7 ☐ Diamond	11 ☐ Other	
4 ☒ Rotary (air)	8 ☐ Jetting		

LOCATION OF WELL

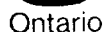
In diagram below show distances of well from road and lot line.
Indicate north by arrow.

well

246359

Name of Well Contractor <i>Huff Hall Ltd</i>	Well Contractor's Licence No. <i>2558</i>
Address <i>Rt1 McDonalds Corners Ont K0G1M0</i>	
Name of Well Technician <i>Mark Hall</i>	Well Technician's Licence No. <i>T2228</i>
Signature of Technician/Contractor <i>Mark Hall</i>	Submission date <i>2</i> day <i>11</i> mo <i>02</i> yr

MINISTRY USE ONLY	Data source	Contractor	Date received
	58	2558	DEC 19 2002
	Date of inspection	Inspector	
	Remarks		
	CSS.ES2		



Ontario

3164e

WATER WELL RECORD

1518633

MUNICIP.
15003

CON.
|C|O|N|

109

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON. BLOCK, TRACT, SURVEY, ETC.	LOT				
Ottawa-Carleton	Soulbourn	Conc. 9	25-27 022				
4 Healey Ave.; Stittsville, Ont.			DATE COMPLETED 48-53				
			DAY 05 MO 10 YR. 83				
ING	P.C.	ELEVATION	P.C.	BASIN CODE	II	III	IV
09799	4	0410	4	26			

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

[illegible]

31	00096281379	00481281113	015021578			
32						

WATER RECORD

WATER FOUND AT - FEET		KIND OF WATER			
0-10 0140'	10-13	1 ☒ FRESH	3 ☐ SULPHUR	14	
		2 ☐ SALTY	4 ☐ MINERAL		
	15-18	1 ☐ FRESH	3 ☐ SULPHUR	19	
		2 ☐ SALTY	4 ☐ MINERAL		
	20-23	1 ☐ FRESH	3 ☐ SULPHUR	24	
		2 ☐ SALTY	4 ☐ MINERAL		
	25-28	1 ☐ FRESH	3 ☐ SULPHUR	29	
		2 ☐ SALTY	4 ☐ MINERAL		
	30-33	1 ☐ FRESH	3 ☐ SULPHUR	34	
		2 ☐ SALTY	4 ☐ MINERAL		

CASING & OPEN HOLE RECORD

INSIDE DIAM - INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
06-10-11 6-1 8	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	12	188	0 0050
06-17-18 6-1 8	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☒ OPEN HOLE	19	50	0150 20-23
24-25	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	26		27-30

PLUGGING & SEALING RECORD

DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)
FROM	TO	
10-13	14-17	
18-21	22-25	
26-29	30-33	80

PUMPING TEST 71

PUMPING TEST

71	PUMPING TEST METHOD X		PUMPING RATE 0010		SECTION OF PUMPING 01	
	1 ☐ PUMP 2 X BAILER		GPM		15-16 HOURS 00 17-18 MINS	
	STATIC LEVEL		25 WATER LEVELS DURING		1 X PUMPING 2 ☐ RECOVERY	
	19-21 015	22-24 050	15 MINUTES 050 26-28 050	30 MINUTES 050 31-33 050	45 MINUTES 050 34-36 050	60 MINUTES 050 37-39 050
	FEET	FEET	FEET	FEET	FEET	FEET
IF FLOWING, GIVE RATE 58-61		PUMP INTAKE SET AT		WATER AT END OF TEST 42		
GPM		FEET		1 ☐ CLEAR 2 ☐ CLOUDY X		
RECOMMENDED PUMP TYPE X		RECOMMENDED PUMP SETTING 090		RECOMMENDED PUMPING RATE 0005		
☐ SHALLOW ☐ DEEP		FEET		GPM		
50-53						

**FINAL
STATUS
OF WELL**

1 ☐ WATER SUPPLY	5 ☐ ABANDONED, INSUFFICIENT SUPPLY
2 ☐ OBSERVATION WELL	6 ☐ ABANDONED POOR QUALITY
3 ☐ TEST HOLE	7 ☐ UNFINISHED
4 ☐ RECHARGE WELL	

WATER USE

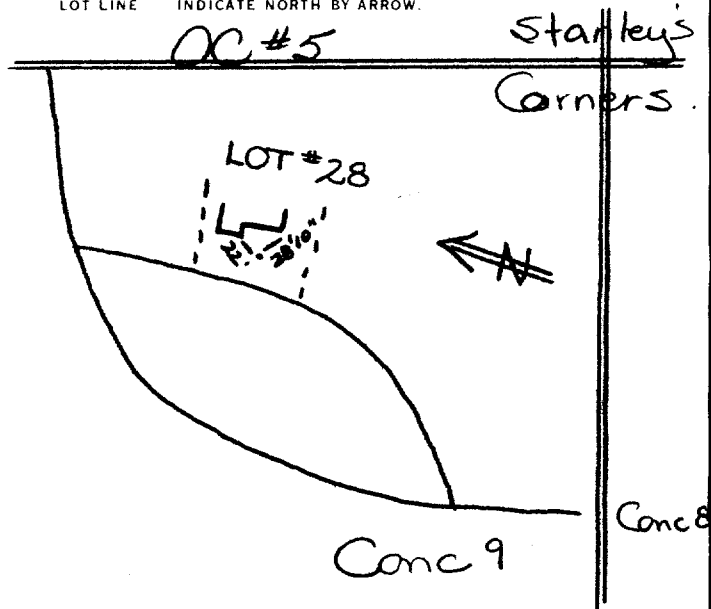
1 ☐ DOMESTIC	5 ☐ COMMERCIAL
2 ☐ STOCK	6 ☐ MUNICIPAL
3 ☐ IRRIGATION	7 ☐ PUBLIC SUPPLY
4 ☐ INDUSTRIAL	8 ☐ COOLING OR AIR CONDITIONING
☐ OTHER	9 ☐ NOT USED

METHOD OF DRILLING

1. ☒ CABLE TOOL
2. ☒ ROTARY (CONVENTIONAL)
3. ☐ ROTARY (REVERSE)
4. ☐ ROTARY (AIR)
5. ☐ AIR PERCUSSION
6. ☐ BORING
7. ☐ DIAMOND
8. ☐ JETTING
9. ☐ DRIVING

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE INDICATE NORTH BY ARROW.



DRILLERS REMARKS

CONTRACTOR

CONTRACTOR	NAME OF WELL CONTRACTOR		LICENCE NUMBER
	Capital Water Supply Ltd.		1558
	ADDRESS		
	Box 490; Stittsville, Ont. K0A 3G0		
	NAME OF DRILLER OR BORER		LICENCE NUMBER
CONTRACTOR	W. Kavanagh		
	SIGNATURE OF CONTRACTOR		SUBMISSION DATE
	W. Kavanagh		DAY 11 MO 10 YR 83

OFFICE USE ONLY

DATA SOURCE	58 1	CONTRACTOR 1558	59-62 24 11 83	DATE RECEIVED 24 11 83	53-68 80
DATE OF INSPECTION		INSPECTOR			
REMARKS					

316/4e



GROUND WATER BRANCH

15/10
FEB 20 1962

2583

ONTARIO WATER
RESOURCES COMMISSION

UTM 182 4283000E

Lot 52 250101000N

Elev. 4R 0410

The Ontario Water Resources Commission Act

WATER WELL RECORD

Basin 25 CARLETON

County or District

Township, Village, Town or City GOULBOURN

Con. 1X

Lot 22

Date completed 28 APRIL 1961
(day month year)

Address R.R. 3. STITTVILLE ONT

Casing and Screen Record

Inside diameter of casing 4"

Total length of casing 22'

Type of screen -

Length of screen -

Depth to top of screen -

Diameter of finished hole 4"

Pumping Test

Static level 14

Test-pumping rate 5 G.P.M.

Pumping level 17

Duration of test pumping 1 HR

Water clear or cloudy at end of test CLEAR

Recommended pumping rate 5 G.P.M.

with pump setting of 25' feet below ground surface

Well Log

Water Record

Overburden and Bedrock Record

	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
TOP SOIL	0	18"		
GREY Limestone	18"	132	132	FRESH

For what purpose(s) is the water to be used?

~~HOME~~ HOME

well on upland, in valley, or on hillside? UPLAND

Drilling or Boring Firm W.J. KING

Address 48 KEMPSTER AVE.
OTTAWA 3, ONT

Access Number 241

Name of Driller or Borer Jack Adams

Address Ramsayville Ont.

28 April 1961

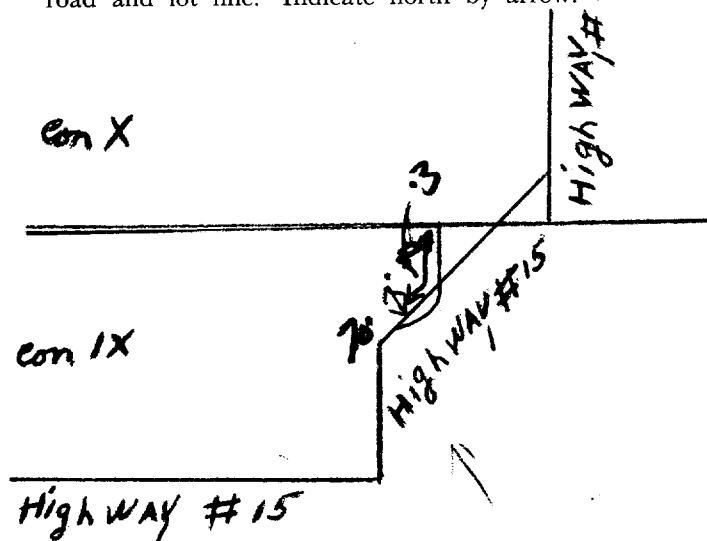
Walter J. King

(Signature of Licensed Drilling or Boring Contractor)

15M Sets 60-5930

1 C COPY

Location of Well

In diagram below show distances of well from
road and lot line. Indicate north by arrow.

CSC 28



122 24 15 No 2582

Elev. 4^R 0 4 1 0

The Ontario Water Resources Commission Act, 1957

WATER WELL RECORD

Lot 22 Date completed 5-1971
(day month year)
Griffisville Cnt.

Pumping Test

Static level 18' 5"

Test-pumping rate G.P.M.

Pumping level 20'

Duration of test pumping $\frac{1}{2}$ hr

Water clear or cloudy at end of test Clear

Recommended pumping rate 5' G.P.M.

with pumping level of 20'

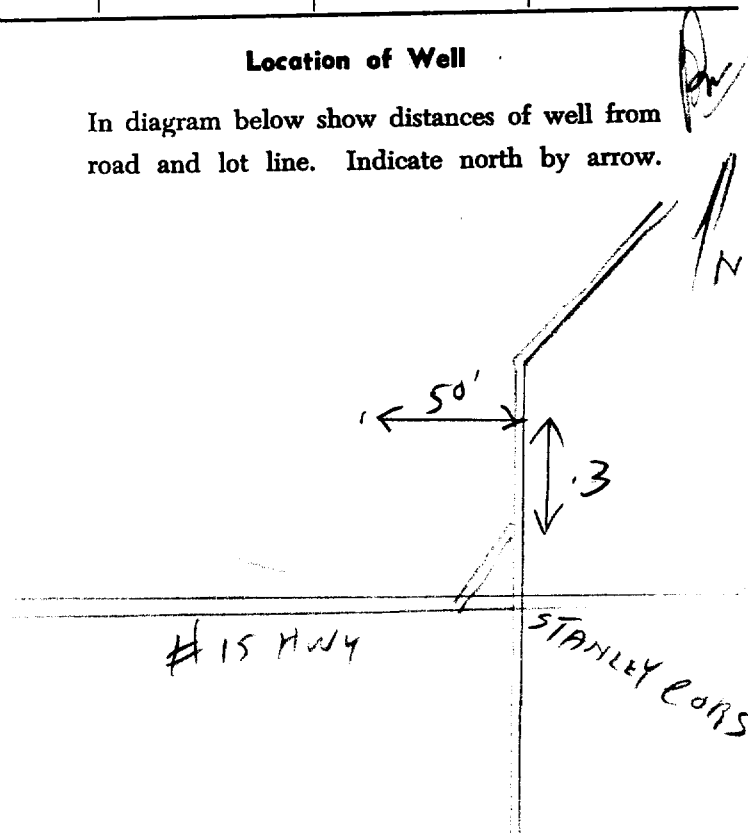
Water Record

[illegible]

(Signature of Licensed Drilling Contractor)

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.





The Ontario Water Resources Act

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WATER WELL RECORD

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11

1516553

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15003

CON

Parcel 52

09

COUNTY OR DISTRICT <i>Carleton</i>	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE <i>Toulbourn</i>	CON., BLOCK, TRACT, SURVEY, ETC. <i>Con 9</i>	022
OWNER (SURNAME FIRST) <i>Vandenberg L. J Construction</i>	ADDRESS <i>118 Arbeatha Ave Ottawa</i>	DATE COMPLETED DAY <i>10</i> MO <i>05</i> YR <i>78</i>	
ONE <i>21</i>	EASTING <i>18</i>	NORTHING <i>428399</i>	SECTION <i>4</i>
TAX MAP CODE <i>26</i>		TAX MAP CODE <i>26</i>	

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

[illegible]

31	002922812	0104215				
32						

WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER			
10-13	1 ☒ FRESH	3 ☐ SULPHUR		
01/04	2 ☐ SALTY	4 ☐ MINERAL		
15-18	1 ☐ FRESH	3 ☐ SULPHUR		
	2 ☐ SALTY	4 ☐ MINERAL		
20-23	1 ☐ FRESH	3 ☐ SULPHUR		
	2 ☐ SALTY	4 ☐ MINERAL		
25-28	1 ☐ FRESH	3 ☐ SULPHUR		
	2 ☐ SALTY	4 ☐ MINERAL		
30-33	1 ☐ FRESH	3 ☐ SULPHUR		
	2 ☐ SALTY	4 ☐ MINERAL		

CASING & OPEN HOLE RECORD

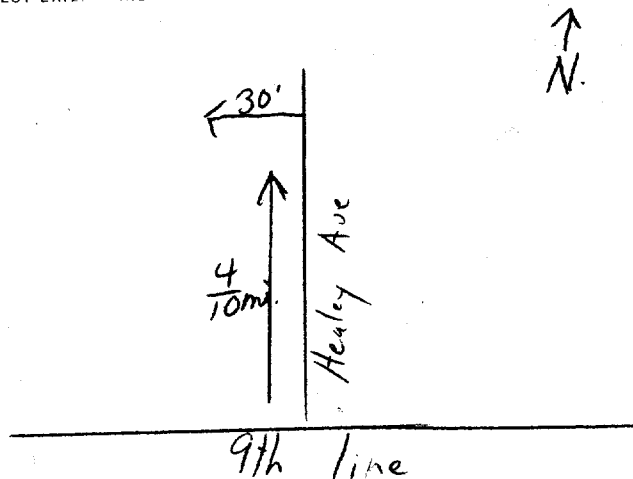
INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
			FROM	TO
10-11	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	12		13-16
17-18	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	19		20-23
24-25	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE	26		27-30

PLUGGING & SEALING RECORD

DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)
FROM	TO	
10-13	14-17	
18-21	22-25	
26-29	30-33	80

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.



DRILLERS REMARKS

PUMPING TEST	PUMPING TEST METHOD		10	PUMPING RATE		11-14	DURATION OF PUMPING		
	1 ☒ PUMP 2 ☒ WATER			0007		GPM	01	15-16 HOURS	17-18 MINS
	STATIC LEVEL	WATER LEVEL END OF PUMPING	25	WATER LEVELS DURING			☒ PUMPING ☐ RECOVERY		
	19-21	22-24	15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES			
	015 FEET	060 FEET	060 FEET	060 FEET	060 FEET	060 FEET	060 FEET		
IF FLOWING, GIVE RATE		35-41	PUMP INTAKE SET AT		WATER AT END OF TEST		42		
		GPM	FEET		1 ☐ CLEAR 2 ☒ CLOUDY				
RECOMMENDED PUMP TYPE			RECOMMENDED PUMP SETTING		43-45	RECOMMENDED PUMPING RATE		46-49	
☐ SHALLOW ☒ DEEP			060		FEET	0006		GPM	
50-53									

**FINAL
STATUS
OF WELL**

- 1 ☒ WATER SUPPLY 5 ☐ ABANDONED, INSUFFICIENT SUPPLY
2 ☐ OBSERVATION WELL 6 ☐ ABANDONED, POOR QUALITY
3 ☐ TEST HOLE 7 ☐ UNFINISHED
4 ☐ RECHARGE WELL

WATER
USE 01

- 1 ☒ DOMESTIC
2 ☐ STOCK
3 ☐ IRRIGATION
4 ☐ INDUSTRIAL
☐ OTHER
- 5 ☐ COMMERCIAL
6 ☐ MUNICIPAL
7 ☐ PUBLIC SUPPLY
8 ☐ COOLING OR AIR CONDITIONING
9 ☐ NOT USED

METHOD OF DRILLING

- | | | | |
|---|--|---|----------------------------------|
| 1 | ☒ CABLE TOOL | 6 | ☐ BORING |
| 2 | ☐ ROTARY (CONVENTIONAL) | 7 | ☐ DIAMOND |
| 3 | ☐ ROTARY (REVERSE) | 8 | ☐ JETTING |
| 4 | ☐ ROTARY (AIR) | 9 | ☐ DRIVING |
| 5 | ☒ AIR PERCUSSION | | |

CONTRACTOR	NAME OF WELL CONTRACTOR	LICENCE NUMBER
	Henry Mains Well Drilling	3644
	ADDRESS	
	Box 326, Richmond Ont.	
	NAME OF DRILLER OR BORER	LICENCE NUMBER
	Henry Mains	
	SIGNATURE OF CONTRACTOR	SUBMISSION DATE
		DAY 15 MO 5 YR. 78

OFFICE USE ONLY	DATA SOURCE	58	CONTRACTOR	59-62	DATE RECEIVED	63-68
	1		3644		120778	
	DATE OF INSPECTION		INSPECTOR			
			Km			
	REMARKS:					

FORM NO. 0506-4-77

MINISTRY OF THE ENVIRONMENT COPY



The Ontario Water Resources Act

3164e

WATER WELL RECORD

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11

COUNTY OR DISTRICT Ottawa-Carleton		TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE Goulbourn		CON., BLOCK, TRACT, SURVEY, ETC. Conc. 9		LOT 25-27	
OWNER (SURNAME FIRST) Building Master Ltd.		ADDRESS 1735 Courtwood Dr.; Ottawa, Ontario		DATE COMPLETED 27 10 83		DAY MO YR	

21 1 2	U 10	ZONE 18	EASTING 428399 12 17	NORTHING 5009699 18 24	RC 4 25	ELEVATION 0410 24	RC 4 10	BASIN CODE 26 30	II III IV
---	---	--	--	--	---	---	---	--	---

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

[illegible]

31	00166281110	003522879	00393281179	0165215					
32									

41		WATER RECORD			
WATER FOUND AT - FEET		KIND OF WATER			
10-13 B162	X				
	1 ☒ FRESH	3 ☐ SULPHUR			
15-18	2 ☐ SALTY	4 ☐ MINERAL			
	1 ☐ FRESH	3 ☐ SULPHUR			
20-23	2 ☐ SALTY	4 ☐ MINERAL			
	1 ☐ FRESH	3 ☐ SULPHUR			
25-28	2 ☐ SALTY	4 ☐ MINERAL			
	1 ☐ FRESH	3 ☐ SULPHUR			
30-33	2 ☐ SALTY	4 ☐ MINERAL			
	1 ☐ FRESH	3 ☐ SULPHUR			

51		32		43	
CASING & OPEN HOLE RECORD					
INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET		
			FROM	TO	
$6 \frac{1}{4}$ $\frac{20-11}{4}$ <i>α</i> ☒ 1 STEEL ☐ 2 GALVANIZED ☐ 3 CONCRETE ☐ 4 OPEN HOLE		12	188	0	0047 0043
$6 \frac{1}{8}$ $\frac{17-18}{8}$ <i>α</i> ☐ 1 STEEL ☐ 2 GALVANIZED ☒ 3 CONCRETE ☐ 4 OPEN HOLE		19		43	165 $\frac{20-23}{8}$ 0165
24-25		26			27-30

SCREEN	54	65	75	10
	SIZE(S) OF OPENING (SLOT NO.)	DIAMETER	LENGTH	
	31-33	34-38	39-40	
	INCHES			FEET
	MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN	41-44	10
			FEET	

61 PLUGGING & SEALING RECORD			
DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT, LEAD PACKER, ETC.)	
FROM	TO		
10-13	14-17		
18-21	22-25		
26-29	30-33	80	

PUMPING TEST	PUMPING TEST METHOD ☒ 10		PUMPING RATE		11-14		LOCATION OF PUMPING				
	1 ☒ PUMP 2 ☐ BAILER		000 8		01 ☒		15-16 00 17-18				
			GPM		HOURS		MINS				
	STATIC LEVEL		WATER LEVEL END OF PUMPING		25		1 ☒ PUMPING				
	18		60		60		60 ☐ RECOVERY				
19-21		22-24		15 MINUTES		30 MINUTES		45 MINUTES		60 MINUTES	
018		060		26-28		29-31		32-34		35-37	
FEET		FEET		FEET		FEET		FEET		FEET	
IF FLOWING GIVE RATE		38-41		PUMP INTAKE SET AT		WATER AT END OF TEST		42			
☒		GPM		125		FEET		1 ☒ CLEAR 2 ☒ CLOUDY			
RECOMMENDED PUMP TYPE		RECOMMENDED PUMP SETTING		43-45		RECOMMENDED PUMPING RATE		46-49			
☐ SHALLOW ☐ DEEP				FEET		RATE		0005		GPM	
50-53		☒									

FINAL STATUS OF WELL 3	54 1 ☐ WATER SUPPLY 2 ☐ OBSERVATION WELL 3 ☒ TEST HOLE 4 ☐ RECHARGE WELL	5 ☐ ABANDONED, INSUFFICIENT SUPPLY 6 ☐ ABANDONED POOR QUALITY 7 ☐ UNFINISHED
WATER USE 04	55-56 1 ☐ DOMESTIC 2 ☐ STOCK 3 ☐ IRRIGATION 4 ☐ INDUSTRIAL X ☐ OTHER	5 ☐ COMMERCIAL 6 ☐ MUNICIPAL 7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING 9 ☐ NOT USED 100-165
METHOD OF DRILLING 2	57 1 ☐ CABLE TOOL 2 ☒ ROTARY (CONVENTIONAL) 3 ☐ ROTARY (REVERSE) 4 ☐ ROTARY (AIR) 5 ☐ AIR PERCUSSION	6 ☐ BORING 7 ☐ DIAMOND 8 ☐ JETTING 9 ☐ DRIVING 100-165

LOCATION OF WELL

IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.

Healey Ave. West

Healey Ave. East

OC #5

53 1/6"

2' 6"

CONTRACTOR	NAME OF WELL CONTRACTOR		LICENCE NUMBER
	Box 490; Stittsville, Ont.		KOA 3G0
	ADDRESS		
	W. Kavanagh / C. Sparks		
CONTRACTOR	NAME OF DRILLER OR BORER		LICENCE NUMBER
	SIGNATURE OF CONTRACTOR		SUBMISSION DATE
	W. Kavanagh		DAY 28 MO 10 YR 83

OFFICE USE ONLY	DATA SOURCE	58	CONTRACTOR	59-62	DATE RECEIVED	63-68	80
	1		1558		23 11 83		
	DATE OF INSPECTION		INSPECTOR				
REMARKS							

Address of Well Location (Street Number/Name) 18 Brad's Court		Township Goulbourn	Lot 22	Concession 9
County/District/Municipality Ottawa Carleton		City/Town/Village Stittsville	Province Ontario	Postal Code
UTM Coordinates NAD 83	Zone 18	Easting 428544	Northing 5009897	
Municipal Plan and Sublot Number			Other	

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft) From	To
Brown	Sand & Stones			0	3.35
Grey Limestone				3.35	45.10

Annular Space			
Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
6.40	0	Grouted Cement	.21m ³

Method of Construction	Well Use
☐ Cable Tool ☒ Rotary (Conventional) ☐ Rotary (Reverse) ☐ Boring ☒ Air percussion ☐ Other, specify _____	☐ Diamond ☐ Jetting ☐ Driving ☐ Digging ☐ Public ☒ Domestic ☐ Livestock ☐ Irrigation ☐ Industrial ☐ Commercial ☐ Municipal ☐ Test Hole ☐ Cooling & Air Conditioning ☐ Not used ☐ Dewatering ☐ Monitoring ☐ Other, specify _____

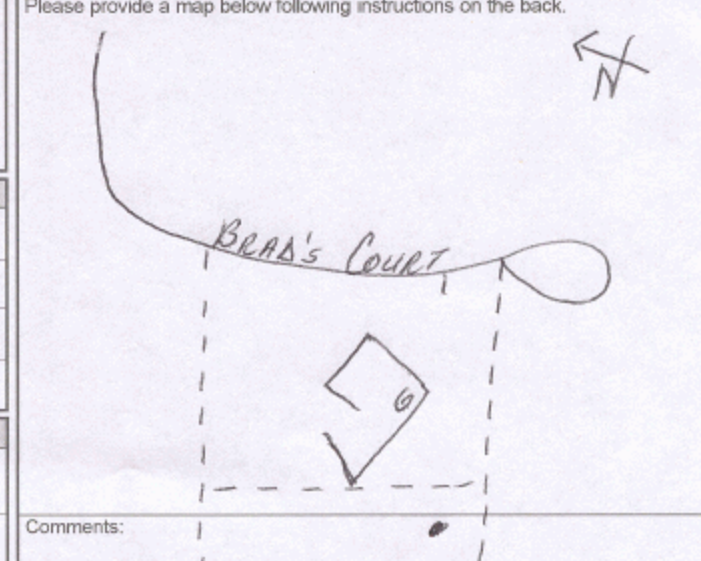
Construction Record - Casing				Status of Well
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From To	
15.86	Steel	.48	+ .45 6.40	☒ Water Supply ☐ Replacement Well ☐ Test Hole ☐ Recharge Well ☐ Dewatering Well ☐ Observation and/or Monitoring Hole ☐ Alteration (Construction) ☐ Abandoned, Insufficient Supply ☐ Abandoned, Poor Water Quality ☐ Abandoned, other, specify _____ ☐ Other, specify _____

Construction Record - Screen				Status of Well
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft) From To	

Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: ☐ Fresh ☒ Untested ☐ Gas ☐ Other, specify _____	Depth (m/ft) From To	Diameter (cm/in)
44.49m/ft	☐ Gas ☐ Other, specify _____	0 6.40	15.86
	☐ Gas ☐ Other, specify _____	6.40 45.10	15.23
	☐ Gas ☐ Other, specify _____		

Business Name of Well Contractor Capital Water Supply Ltd.		Well Contractor's Licence No. 1 5 5 8	
Business Address (Street Number/Name) Box 490		Municipality Stittsville	
Province Ontario	Postal Code K2S 1A6	Business E-mail Address office@capitalwater.ca	
Bus. Telephone No. (inc. area code) 613 836 1766		Name of Well Technician (Last Name, First Name) Miller, Stephen	
Well Technician's Licence No. 0 0 9 7		Date Submitted 20100830	

Results of Well Yield Testing			
Draw Down		Recovery	
Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
Static Level	10.55		
1	10.64	1	14.44
2	10.86	2	14.17
3	11.08	3	13.88
4	11.33	4	13.66
5	11.53	5	13.43
10	12.83	10	12.49
15	12.98	15	11.79
20	13.40	20	11.
25	13.84	25	10.70
30	14.01	30	10.49
40	14.44	40	
50	14.70	50	
60	14.91	60	

Map of Well Location	
Please provide a map below following instructions on the back.	
	
Comments:	
Well owner's information package delivered ☒ Yes ☐ No	Date Package Delivered 20100825
Date Work Completed 20101018	Ministry Use Only
Audit No. z115600 SEP 17 2010 Received	

Measurements recorded in: ☒ Metric ☐ Imperial

Address of Well Location (Street Number/Name) 1949 Stittsville Main St.				Township Goulbourn		Lot 23		Concession 9	
County/District/Municipality Ottawa Carleton				City/Town/Village Stittsville				Province Ontario	
UTM Coordinates NAD 83		Zone 18		Easting 428536		Northing 5009855		Municipal Plan and Sublot Number	
								Other	

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
Brown	Sand	Stones & Gravel	Dry	0	5.79
Grey	Till			5.79	7.31
Grey	Limestone			7.31	48.76
Green & Red	Shale			48.76	83.81

Annular Space			
Depth Set at (m/ft)		Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
From	To		
9.14	0	Grouted Cement & Bentonite	.63m³

Method of Construction		Well Use	
☒ Cable Tool	☐ Diamond	☐ Public	☐ Commercial
☒ Rotary (Conventional)	☐ Jetting	☒ Domestic	☐ Municipal
☐ Rotary (Reverse)	☐ Driving	☐ Livestock	☐ Test Hole
☐ Boring	☐ Digging	☐ Irrigation	☐ Cooling & Air Conditioning
☒ Air percussion		☐ Industrial	
☐ Other, specify		☐ Other, specify	

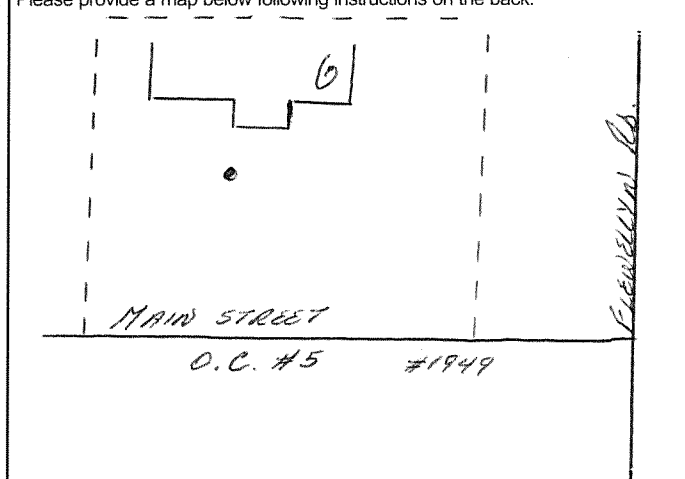
Construction Record - Casing				Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		
			From	To	
15.86	Steel	.48	+4.45	9.14	☒ Water Supply
					☐ Replacement Well
					☐ Test Hole
					☐ Recharge Well
					☐ Dewatering Well
					☐ Observation and/or Monitoring Hole
					☐ Alteration (Construction)
					☐ Abandoned, Insufficient Supply
					☐ Abandoned, Poor Water Quality
					☐ Abandoned, other, specify
					☐ Other, specify

Construction Record - Screen				Status of Well	
Outside Diameter (cm/in)	Material (Plastic, Galvanized, Steel)	Slot No.	Depth (m/ft)		
			From	To	

Water Details		Hole Diameter	
Water found at Depth	Kind of Water: ☐ Fresh ☒ Untested	Depth (m/ft)	Diameter (cm/in)
		From	To
79.24m/ft	☐ Gas ☐ Other, specify	0	9.14
		9.14	83.81

Well Contractor and Well Technician Information			
Business Name of Well Contractor Capital Water Supply Ltd.		Well Contractor's Licence No. 1 5 5 8	
Business Address (Street Number/Name) Box 490		Municipality Stittsville	
Province Ontario	Postal Code K2S 1A6	Business E-mail Address office@capitalwater.ca	
Bus. Telephone No. (inc. area code) 613 836 1766		Name of Well Technician (Last Name, First Name) Miller, Stephen	
Well Technician's Licence No. 0 0 9 7		Date Submitted 20120910	

Results of Well Yield Testing			
After test of well yield, water was:		Draw Down	
☒ Clear and sand free ☐ Other, specify		Time (min)	Water Level (m/ft)
If pumping discontinued, give reason:		Static Level	6.02
Pump intake set at (m/ft) 45.71		1	8.40
Pumping rate (l/min / GPM) 54.6		2	9.70
Duration of pumping 1 hrs + 30 min		3	10.58
Final water level end of pumping (m/ft) 19.20		4	11.55
If flowing give rate (l/min / GPM)		5	12.30
Recommended pump depth (m/ft) 30.47		10	15.05
Recommended pump rate (l/min / GPM) 45.5		15	16.44
Well production (l/min / GPM)		20	17.29
Disinfected? ☒ Yes ☐ No		25	
		30	18.20
		40	18.64
		50	18.91
		60	19.02

Map of Well Location	
Please provide a map below following instructions on the back.	
	

Well owner's information package delivered ☒ Yes ☐ No	Date Package Delivered 20120907 Date Work Completed 20120906	Ministry Use Only Audit No. Z139831 Received MAR 28 2013
--	---	--

CODED

Con. IX



1509560

CODED

The Ontario Water Resources Commission Act

WATER WELL RECORD

UTM 18 7 1 28530

5 50 09 640

5 R 0402

County or District

IX

Township, Village, Town or City

Stittsville

Con. Lot 22 HB

Date completed

Address

Casing and Screen Record

Inside diameter of casing
Total length of casing
Type of screen
Length of screen
Depth to top of screen
Diameter of finished hole

Pumping Test

Static level
Test-pumping rate
Pumping level
Duration of test pumping
Water clear or cloudy at end of test
Recommended pumping rate
with pump setting of

Well Log

Water Record

Overburden and Bedrock Record

	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Coarse gravel	0	18		
fine sand	18	23		
gray limestone rock	23	85	60-85	fresh

For what purpose(s) is the water to be used?

new home

Is well on upland, in valley, or on hillside?

upland

Drilling or Boring Firm

H. H. Sparks

Address

Stittsville, Ont.

Licence Number

3140

Name of Driller or Borer

H. H. Sparks

Address

Stittsville, Ont.

Date

Sept. 5, 1968

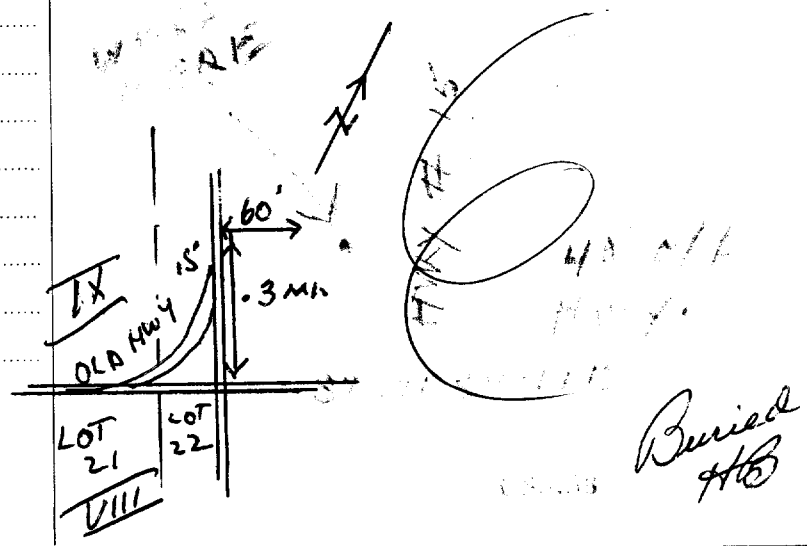
(Signature of Licensed Drilling or Boring Contractor)

Form 7 15M-60-4138

Location of Well

In diagram below show distances of well from road and lot line. Indicate north by arrow.

STANLEY'S CORN



OWRC COPY

Buried HB

Vanessa Naufal

From: Public Information Services <publicinformationservices@tssa.org>
Sent: Tuesday, June 18, 2024 8:12 AM
To: Vanessa Naufal
Subject: RE: PE6592 - Records Search Request

NO RECORD FOUND IN CURRENT DATABASE

Hello,

Thank you for your request for confirmation of public information. TSSA has performed a preliminary search of TSSA's current database.

- We confirm that there are no records in our current database of any fuel storage tanks at the subject address(es).

This is not a confirmation that there are no records in the archives. For a further search in our archives, please go to the [TSSA Client Portal](#) to complete an Application for Release of Public Information.

Please refer to [How to Submit a Public Information Request \(tssa.org\)](#) for instructions.

The associated fee must be paid via credit card (Visa or MasterCard).

Once all steps have been successfully completed you will receive your payment receipt via email.

TSSA does not make any representations or warranties with respect to the accuracy or completeness of any records released. The requestor assumes all risk in using or relying on the information provided.

If you have any questions or concerns, please do not hesitate to contact our Public Information Release team at publicinformationservices@tssa.org.

Kind regards,



Kimberly Gage | Public Information & Records Agent

Public Information
345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel: +1 416-734-3348 | Fax: +1 416-734-3568 | E-Mail: kgage@tssa.org
www.tssa.org



Winner of 2024 5-Star Safety Cultures Award

From: Vanessa Naufal <vnaufal@patersongroup.ca>
Sent: Monday, June 17, 2024 3:28 PM

To: Public Information Services <publicinformationservices@tssa.org>

Subject: PE6592 - Records Search Request

[CAUTION]: This email originated outside the organisation.

Please do not click links or open attachments unless you recognise the source of this email and know the content is safe.

Hi,

Could you please complete a search of your records for **underground/aboveground storage tanks, historical spills, or other incidents/infractions** for the following addresses in Ottawa, Ontario:

Cresswell Court: 505 and 525;

Falabella Street: 101, 105;

Parade Drive: 501, 508;

Stittsville Main Street: 1845, 1883, 1900, 1916.

Thanks,



VANESSA NAUFAL

Co-op Student - Environmental

9 AURIGA DRIVE
OTTAWA ON K2E 7T9

patersongroup.ca

TEMPORARY SHORING DESIGN SERVICES ARE NOW AVAILABLE, PLEASE CONTACT US TO SEE HOW WE CAN HELP!

NEW OFFICE OPEN IN THE GREATER TORONTO AREA WITH OUR EXPANSIVE LIST OF SERVICES NOW AVAILABLE!

This electronic message and any attached documents are intended only for the named recipients. This communication from the Technical Standards and Safety Authority may contain information that is privileged, confidential or otherwise protected from disclosure and it must not be disclosed, copied, forwarded or distributed without authorization. If you have received this message in error, please notify the sender immediately and delete the original message.

Office Use Only

Application Number: _____	Ward Number: _____	Application Received: (dd/mm/yyyy): _____
Client Service Centre Staff: _____	Fee Received: \$	



Historic Land Use Inventory

Application Form

Notice of Public Record

All information and materials required in support of your application shall be made available to the public, as indicated by Section 1.0.1 of *The Planning Act*, R.S.O. 1990, C.P.13.

Municipal Freedom of Information and Protection Act

Personal information on this form is collected under the authority the *Planning Act*, RSO 1990, c. P. 13 and will be used to process this application. Questions about this collection may be directed by mail to Manager, Business Support Services, Planning, Real Estate and Economic Development Department, 110 Laurier Avenue West, Ottawa, K1P 1J1, or by phone at (613) 580-2424, ext. 24075

Background Information

***Site Address or Location:**

1883 Stittsville Main Street, Stittsville, ON

** Mandatory Field*

*Applicant/Agent Information:

Company name:

Paterson Group

Contact name:

Vanessa Naufal

Mailing Address:

9 Auriga Drive, Ottawa, ON, K1P 0B6

Telephone:

613-505-5190

Email Address:

vnaufal@patersongroup.ca

*Registered Property Owner Information:

☐ Same as above

Name:

Ross Bradley

Mailing Address:

50 Hines Rd, Suite 100, Ottawa ON, K2K 2M5

Telephone:

613-794-5202

Email Address:

rwbradley18@gmail.com

Site Details

Legal Description
and PIN:

Part of Lot 22, Concession 9, Township of Goulbourn, in the City of Ottawa

What is the land
currently used for?

Residential Use

Lot frontage: m Lot depth: m Lot area: m²

OR Lot area: (irregular lot) 10452 m²

Does the site have Full Municipal Services: ☐ Yes ☒ No

Required Fees

Please don't hesitate to visit the [Historic Land Use Inventory website](#) more information. Fees must be paid in full at the time of application submission.

Planning Fee

\$181.00

Submittal Requirements

The following are required to be submitted with this application:

- 1. Consent to Disclose Information:** Consultants and other third parties may make requests for information on behalf of an individual or corporation. However, if the requester is not the owner of the property, **the requester must provide the City of Ottawa with a 'consent to disclose information' letter, signed by the property owner.** This will authorize the City of Ottawa to release any relevant information about the property or its owner(s) to the requester. Consent for disclosure is required in the event that personal information or proprietary company information is found concerning the property and its owner. All consents must clearly indicate the name of the property owner as well as the name of the requester, and must be signed and dated.
- 2. Disclaimer:** Requesters must read and understand the conditions included in the attached disclaimer and submit a signed disclaimer to the City of Ottawa's Planning, Real Estate and Economic Development Department. This disclaimer is related to the Historic Land Use Inventory and must be received by the City of Ottawa, signed and dated by the requestor, before the process can begin.
- 3. A site plan or key plan of the property, its location and particular features.**
- 4. Any significant dates or time frames that you would like researched.**

Disclaimer For use with HLUI Database

CITY OF OTTAWA ("the City") is the owner of the Historical Land Use Inventory ("HLUI"), a database of information on the type and location of land uses within the geographic area of Ottawa, which had or have the potential to cause contamination in soil, groundwater or surface water.

The City, in providing information from the HLUI, to Paterson Group ("the Requester") does so only under the following conditions and understanding:

1. The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.
2. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.
3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the HLUI.
4. Copyright is reserved to the City.
5. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.
6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.
7. All information collected under this request and all records provided in response to this request are subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M.56, as amended.

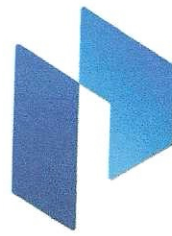
Signed: Vanessa Naufal

Dated (dd/mm/yyyy): 06/12/2024

Per: Vanessa Naufal
(Please print name)

Title: Environmental Co-op

Company: Paterson Group



PATERSON GROUP

June 7, 2024
File: PE6592-HLUI

City of Ottawa
110 Laurier Avenue W
Ottawa, Ontario
K1P 1J1

**Subject: Authorization Letter: HLUI Search
Phase I - Environmental Site Assessment
1883 Stittsville Main Street,
Ottawa, Ontario**

Consulting Engineers

9 Auriga Drive
Ottawa, Ontario
K2E 7T9
Tel: (613) 226-7381

Geotechnical Engineering
Environmental Engineering
Hydrogeology
Materials Testing
Building Science
Rural Development Design
Retaining Wall Design
Noise and Vibration Studies

patersongroup.ca

Dear Sir/Madam:

Please consider this letter as confirmation that Paterson Group has been retained to conduct a Phase I - Environmental Site Assessment at the aforementioned property.

With this letter, the property owner authorizes the City of Ottawa and other regulatory bodies to release, to Paterson Group, information requested for the purpose of completing an environmental assessment of the property.

Name of Company/Property Owner:

Ross Bradley

Name of Representative:

Ross Bradley

Signature:

[Signature]

Date:

June 7/2024



July 25, 2024

Vanessa Naufal
Patterson Group

Sent via email vnaufal@patersongroup.ca

Dear Vanessa Naufal,

**Re: Information Request
1883 Stittsville Main Street Ottawa, Ontario ("Subject Property")**

Internal Department Circulation:

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

- **Environmental Remediation Unit:** The Environmental Remediation Unit has a Phase I Environmental Site Assessment that includes this property (Paterson, 2014). Please contact ERU-UAE@ottawa.ca to obtain a copy of the report if required.
- **Ottawa Public Health - Environmental Health:** all public inspection results are publicly available on the Ottawa Public Health website:
<https://www.ottawapublichealth.ca/en/public-health-services/public-health-inspections.aspx>
- **Sewer Use Program:** No records found for this property.
- **Solid Waste Services:** No records found for this property.

Documents Provided:

HLUI Summary Report and HLUI Map

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

For more information on how to interpret the HLUI data identified in the attached excel sheet ('ADDRESS – HLUI Summary report.xlsx'), please refer to the [Overview and User Guide.](#)

HLUI Map

The HLUI Map PDF shows HLUI area, point and line features within 250 metres of the Subject Property. Within 500 metres of the Subject Property, landfills and Environmental Risk Management Area (ERMA) are also identified if applicable.

Additional information may be obtained by contacting:

Ontario's Environmental Registry

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

The Ontario Land Registry Office

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

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

Ottawa Public Health

Ottawa Public Health inspects many different types of establishments. To view inspection results, please visit the Ottawa Public Health website: [Public Health Inspections - Ottawa Public Health](#)

Please note that Ottawa Public Health is not the lead agency on land use contamination in the City of Ottawa – contact the Ministry of Environment Conservation and Parks (MECP) for further information.

Please note, as per the HLUI Disclaimer, that the information contained in the HLUI database has been compiled from publicly available records and other sources of information. The HLUI may contain erroneous information given that the records used as sources of information may be flawed. For instance, changes in municipal

addresses over time may introduce error. Accordingly, all information from the HLUI database is provided on an “as is” basis with no representation or warranty by the City with respect to the information’s accuracy or exhaustiveness in responding to the request.

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

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

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

Sincerely,

Spencer Mulvaney

Student Planner

Development Review

Planning, Development and Building Services Department

Enclosures: (2)

1. HLUI Map
2. HLUI Summary Report

cc: File no. D06-03-24-0072

HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP



OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	QAQC	YEAR	YEAR_1	ST_NUM	ST_NAME	ST_SUFFIX	ST_DIR	MUNICIPALITY	ST_NUM2017	ST_NAME2017	ST_SUFFIX2017	ST_DIR2017	POSTAL_CODE2017	PIN2017	MUNICIPALITY2017	NAICS	SIC	COMMENTS	STORAGE_TANK	Shape_Length	Shape_Area
OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	QAQC	YEAR	YEAR_1	ST_NUM	ST_NAME	ST_SUFFIX	ST_DIR	MUNICIPALITY	ST_NUM2017	ST_NAME2017	ST_SUFFIX2017	ST_DIR2017	POSTAL_CODE2017	PIN2017	MUNICIPALITY2017	NAICS	SIC	COMMENTS	STORAGE_TANK	Shape_Length	Shape_Area
7163	DIAMOND FIRE PROTECT	Electric Lighting Industries	2001-ES	1	2001-2006	c. 2001	1876	STITTSVILLE MAIN ST			STITTSVIL	354	ALDWORTH	PRIV		K2S0M9	44462489	GOULBOURN	334290				107.1235423	600.5450352



DATABASE REPORT

Project Property:	<i>Phase I ESA 1883 Stittsville Main Street Stittsville ON K2S 1B8 P.O. 60388 / PE6592</i>
Project No:	
Report Type:	<i>Standard Report</i>
Order No:	<i>24060700322</i>
Requested by:	<i>Paterson Group Inc.</i>
Date Completed:	<i>June 7, 2024</i>

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Notice: IMPORTANT LIMITATIONS and YOUR LIABILITY

Reliance on information in Report: This report DOES NOT replace a full Phase I Environmental Site Assessment but is solely intended to be used as a database review of environmental records.

License for use of information in Report: No page of this report can be used without this cover page, this notice and the project property identifier. The information in Report(s) may not be modified or re-sold.

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Executive Summary

Property Information:

Project Property: Phase I ESA
1883 Stittsville Main Street Stittsville ON K2S 1B8

Project No: P.O. 60388 / PE6592

Coordinates:

Latitude: 45.2413485
Longitude: -75.9119602
UTM Northing: 5,010,166.21
UTM Easting: 428,426.00
UTM Zone: 18T

Elevation: 403 FT
122.80 M

Order Information:

Order No: 24060700322
Date Requested: June 7, 2024
Requested by: Paterson Group Inc.
Report Type: Standard Report

Historical/Products:

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	2	2
CA	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	0	0
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	0	4	4
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	0	0
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Y	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	0	0
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0

Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory 1993-2020	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handlers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	1	1
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
PTTW	Permit to Take Water	Y	0	1	1
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	41	41

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.25 km</i>	<i>Total</i>
		<i>Total:</i>	0	49	49

Executive Summary: Site Report Summary - Project Property

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

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
1	WWIS		lot 22 con 9 ON Well ID: 1515755	NE/7.5	0.04	20
2	WWIS		lot 22 con 9 ON Well ID: 1509890	N/66.0	0.08	23
3	WWIS		lot 22 con 9 ON Well ID: 1517086	WNW/110.8	2.08	26
3	WWIS		lot 22 con 9 ON Well ID: 1517204	WNW/110.8	2.08	29
3	WWIS		lot 22 con 9 ON Well ID: 1517205	WNW/110.8	2.08	32
3	WWIS		lot 22 con 9 ON Well ID: 1517874	WNW/110.8	2.08	35
3	WWIS		lot 22 con 9 ON Well ID: 1518015	WNW/110.8	2.08	39
3	WWIS		lot 22 con 9 ON Well ID: 1518069	WNW/110.8	2.08	42
3	WWIS		lot 22 con 9 ON Well ID: 1518249	WNW/110.8	2.08	46
3	WWIS		lot 22 con 9 ON Well ID: 1518340	WNW/110.8	2.08	50
3	WWIS		lot 22 con 9 ON Well ID: 1518341	WNW/110.8	2.08	53
3	WWIS		lot 22 con 9 ON	WNW/110.8	2.08	57

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1518350			
<u>3</u>	WWIS		lot 22 con 9 ON	WNW/110.8	2.08	<u>60</u>
			Well ID: 1518352			
<u>3</u>	WWIS		lot 22 con 9 ON	WNW/110.8	2.08	<u>63</u>
			Well ID: 1519231			
<u>3</u>	WWIS		lot 22 con 9 ON	WNW/110.8	2.08	<u>67</u>
			Well ID: 1519307			
<u>3</u>	WWIS		lot 22 con 9 ON	WNW/110.8	2.08	<u>70</u>
			Well ID: 1519380			
<u>4</u>	PTTW	1384341 Ontario Ltd.	ON	ESE/118.4	-0.89	<u>74</u>
<u>5</u>	WWIS		1876 STITTSVILLE MAINE STREET lot 22 con 9 STITTSVILLE ON Well ID: 7156131	NW/139.4	1.46	<u>74</u>
<u>6</u>	WWIS		1877 STITTSVILLE MAIN ST. lot 22 con 9 STITTSVILLE ON Well ID: 7328234	NNW/139.8	0.16	<u>76</u>
<u>7</u>	BORE		ON	NW/142.3	1.12	<u>78</u>
<u>8</u>	WWIS		lot 22 con 9 ON Well ID: 1518644	S/145.3	2.08	<u>79</u>
<u>8</u>	WWIS		lot 22 con 9 ON Well ID: 1519542	S/145.3	2.08	<u>83</u>
<u>9</u>	PINC		506 CRESSWELL COURT, STITTSVILLE ON	W/149.5	1.77	<u>87</u>
<u>10</u>	WWIS		lot 22 con 9 ON Well ID: 1532214	S/171.9	2.08	<u>87</u>
<u>10</u>	WWIS		lot 22 con 9 ON	S/171.9	2.08	<u>91</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1532215			
10	WWIS		lot 22 con 9 ON	S/171.9	2.08	95
			Well ID: 1532224			
10	WWIS		lot 22 con 9 ON	S/171.9	2.08	99
			Well ID: 1532395			
11	WWIS		lot 22 con 9 ON	S/172.0	2.08	103
			Well ID: 1531695			
12	ECA	1384341 Ontario Ltd. and Monarch Corporation	Ottawa ON K2C 3H2	S/172.4	2.08	106
12	ECA	1384341 Ontario Ltd.	Ottawa ON K0A 1B0	S/172.4	2.08	106
12	ECA	1384341 Ontario Ltd. and Monarch Corporation	Ottawa ON K2C 3H2	S/172.4	2.08	107
12	ECA	1384341 Ontario Ltd. and Monarch Corporation	Ottawa ON K2C 3H2	S/172.4	2.08	107
13	WWIS		lot 22 con 9 ON	S/172.7	2.08	107
			Well ID: 1530042			
13	WWIS		lot 22 con 9 ON	S/172.7	2.08	111
			Well ID: 1521297			
13	WWIS		lot 22 con 9 ON	S/172.7	2.08	114
			Well ID: 1521852			
13	WWIS		lot 22 con 9 ON	S/172.7	2.08	118
			Well ID: 1525248			
13	WWIS		lot 22 con 9 ON	S/172.7	2.08	121
			Well ID: 1525669			
13	WWIS		lot 22 con 9 ON	S/172.7	2.08	125

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1526192			
13	WWIS		lot 22 con 9 ON	S/172.7	2.08	128
			Well ID: 1528486			
14	WWIS		lot 22 con 9 ON	S/173.0	2.08	131
			Well ID: 1533386			
15	WWIS		lot 22 con 9 ON	SW/174.2	2.08	135
			Well ID: 1518633			
16	WWIS		lot 22 con 9 ON	NW/182.6	0.08	139
			Well ID: 1502583			
17	WWIS		lot 22 con 9 ON	S/234.7	2.08	141
			Well ID: 1502582			
18	BORE		ON	S/234.8	2.08	144
19	WWIS		lot 22 con 9 ON	S/235.1	2.08	145
			Well ID: 1513858			
20	WWIS		lot 22 con 9 ON	S/245.2	2.92	148
			Well ID: 1516553			
20	WWIS		lot 22 con 9 ON	S/245.2	2.92	151
			Well ID: 1517928			
20	WWIS		lot 22 con 9 ON	S/245.2	2.92	154
			Well ID: 1518642			
20	WWIS		lot 22 con 9 ON	S/245.2	2.92	158
			Well ID: 1519071			

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>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	NW	142.33	<u>7</u>
	ON	S	234.81	<u>18</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Mar 31, 2024 has found that there are 4 ECA site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
1384341 Ontario Ltd. and Monarch Corporation	Ottawa ON K2C 3H2	S	172.39	<u>12</u>
1384341 Ontario Ltd. and Monarch Corporation	Ottawa ON K2C 3H2	S	172.39	<u>12</u>
1384341 Ontario Ltd.	Ottawa ON K0A 1B0	S	172.39	<u>12</u>
1384341 Ontario Ltd. and Monarch Corporation	Ottawa ON K2C 3H2	S	172.39	<u>12</u>

PINC - Pipeline Incidents

A search of the PINC database, dated Feb 28, 2021 has found that there are 1 PINC site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	506 CRESSWELL COURT, STITTSVILLE ON	W	149.47	<u>9</u>

PTTW - Permit to Take Water

A search of the PTTW database, dated 1994 - Mar 31, 2024 has found that there are 1 PTTW site(s) within approximately 0.25 kilometers of the project property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
1384341 Ontario Ltd.	ON	ESE	118.38	<u>4</u>

WWIS - Water Well Information System

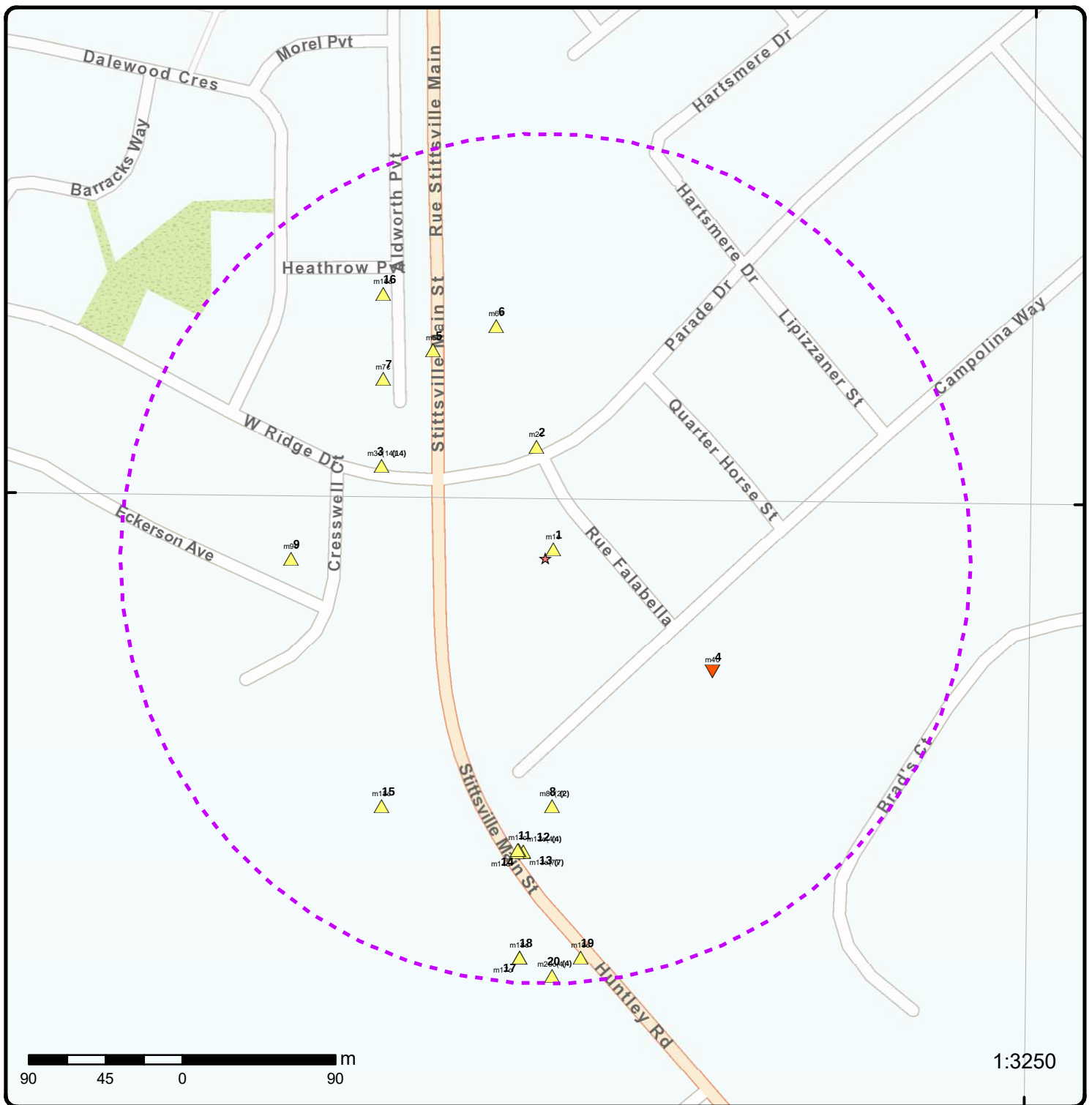
A search of the WWIS database, dated Dec 31 2023 has found that there are 41 WWIS site(s) within approximately 0.25 kilometers of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 22 con 9 ON <i>Well ID: 1515755</i>	NE	7.46	<u>1</u>
	lot 22 con 9 ON <i>Well ID: 1509890</i>	N	66.00	<u>2</u>
	lot 22 con 9 ON <i>Well ID: 1518249</i>	WNW	110.79	<u>3</u>
	lot 22 con 9 ON <i>Well ID: 1518340</i>	WNW	110.79	<u>3</u>
	lot 22 con 9 ON <i>Well ID: 1518341</i>	WNW	110.79	<u>3</u>
	lot 22 con 9 ON <i>Well ID: 1518350</i>	WNW	110.79	<u>3</u>
	lot 22 con 9 ON	WNW	110.79	<u>3</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Well ID: 1518352			
	lot 22 con 9 ON	WNW	110.79	<u>3</u>
	Well ID: 1519231			
	lot 22 con 9 ON	WNW	110.79	<u>3</u>
	Well ID: 1519307			
	lot 22 con 9 ON	WNW	110.79	<u>3</u>
	Well ID: 1519380			
	lot 22 con 9 ON	WNW	110.79	<u>3</u>
	Well ID: 1518069			
	lot 22 con 9 ON	WNW	110.79	<u>3</u>
	Well ID: 1518015			
	lot 22 con 9 ON	WNW	110.79	<u>3</u>
	Well ID: 1517874			
	lot 22 con 9 ON	WNW	110.79	<u>3</u>
	Well ID: 1517205			
	lot 22 con 9 ON	WNW	110.79	<u>3</u>
	Well ID: 1517204			
	lot 22 con 9 ON	WNW	110.79	<u>3</u>
	Well ID: 1517086			
	1876 STITTSVILLE MAINE STREET lot 22 con 9 STITTSVILLE ON Well ID: 7156131	NW	139.40	<u>5</u>
	1877 STITTSVILLE MAIN ST. lot 22 con 9 STITTSVILLE ON Well ID: 7328234	NNW	139.83	<u>6</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 22 con 9 ON	S	145.26	<u>8</u>
	Well ID: 1518644			
	lot 22 con 9 ON	S	145.26	<u>8</u>
	Well ID: 1519542			
	lot 22 con 9 ON	S	171.94	<u>10</u>
	Well ID: 1532214			
	lot 22 con 9 ON	S	171.94	<u>10</u>
	Well ID: 1532215			
	lot 22 con 9 ON	S	171.94	<u>10</u>
	Well ID: 1532224			
	lot 22 con 9 ON	S	171.94	<u>10</u>
	Well ID: 1532395			
	lot 22 con 9 ON	S	171.99	<u>11</u>
	Well ID: 1531695			
	lot 22 con 9 ON	S	172.73	<u>13</u>
	Well ID: 1530042			
	lot 22 con 9 ON	S	172.73	<u>13</u>
	Well ID: 1521852			
	lot 22 con 9 ON	S	172.73	<u>13</u>
	Well ID: 1525248			
	lot 22 con 9 ON	S	172.73	<u>13</u>
	Well ID: 1525669			
	lot 22 con 9 ON	S	172.73	<u>13</u>

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Well ID: 1526192			
	lot 22 con 9 ON	S	172.73	<u>13</u>
	Well ID: 1528486			
	lot 22 con 9 ON	S	172.73	<u>13</u>
	Well ID: 1521297			
	lot 22 con 9 ON	S	173.03	<u>14</u>
	Well ID: 1533386			
	lot 22 con 9 ON	SW	174.24	<u>15</u>
	Well ID: 1518633			
	lot 22 con 9 ON	NW	182.62	<u>16</u>
	Well ID: 1502583			
	lot 22 con 9 ON	S	234.71	<u>17</u>
	Well ID: 1502582			
	lot 22 con 9 ON	S	235.13	<u>19</u>
	Well ID: 1513858			
	lot 22 con 9 ON	S	245.24	<u>20</u>
	Well ID: 1516553			
	lot 22 con 9 ON	S	245.24	<u>20</u>
	Well ID: 1517928			
	lot 22 con 9 ON	S	245.24	<u>20</u>
	Well ID: 1518642			
	lot 22 con 9 ON	S	245.24	<u>20</u>
	Well ID: 1519071			



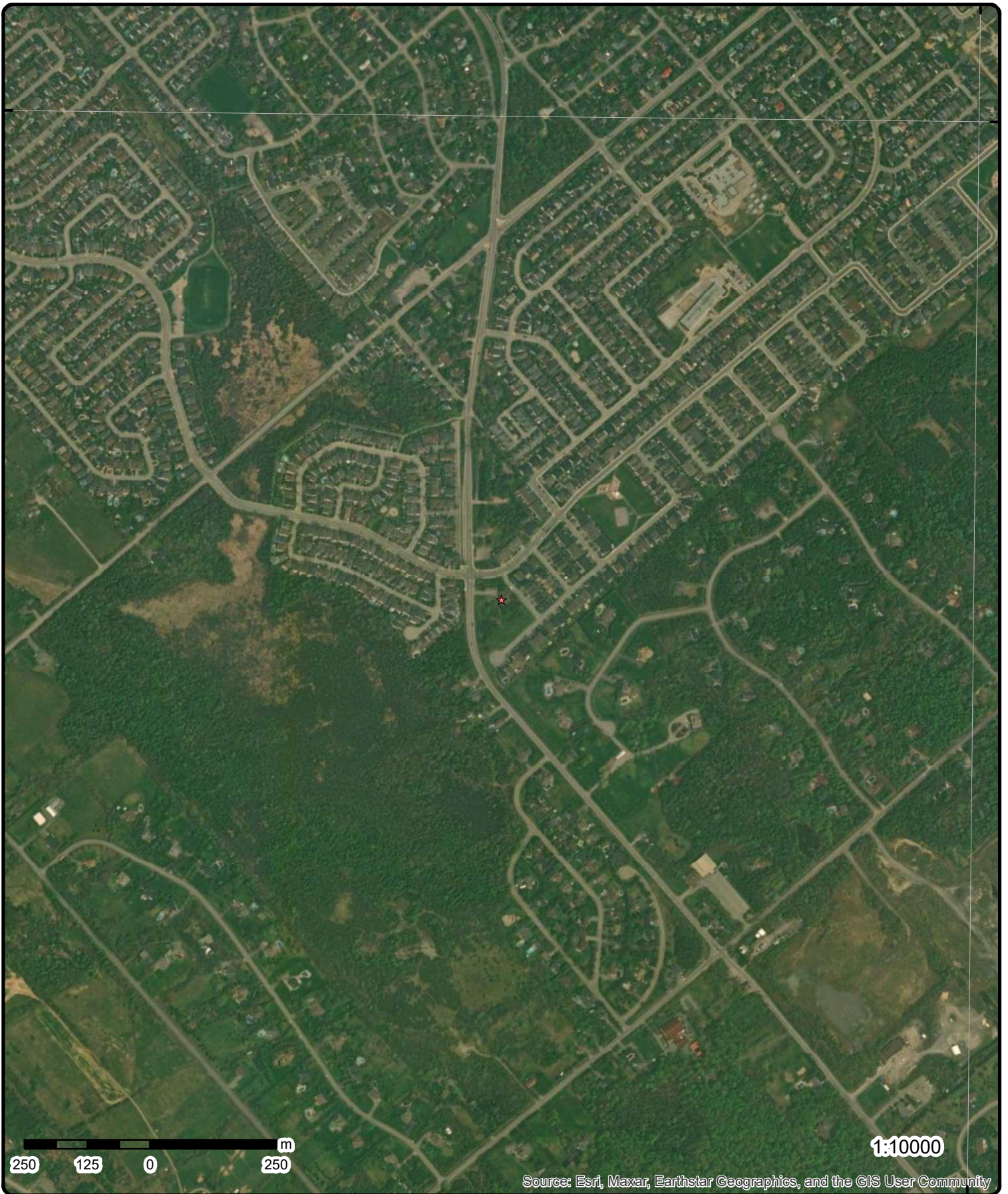
Map: 0.25 Kilometer Radius

Order Number: 24060700322

Address: 1883 Stittsville Main Street, Stittsville, 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: 2023

Order Number: 24060700322

Address: 1883 Stittsville Main Street, Stittsville, ON



Source: ESRI World Imagery

© ERIS Information Limited Partnership

75°55'30"W

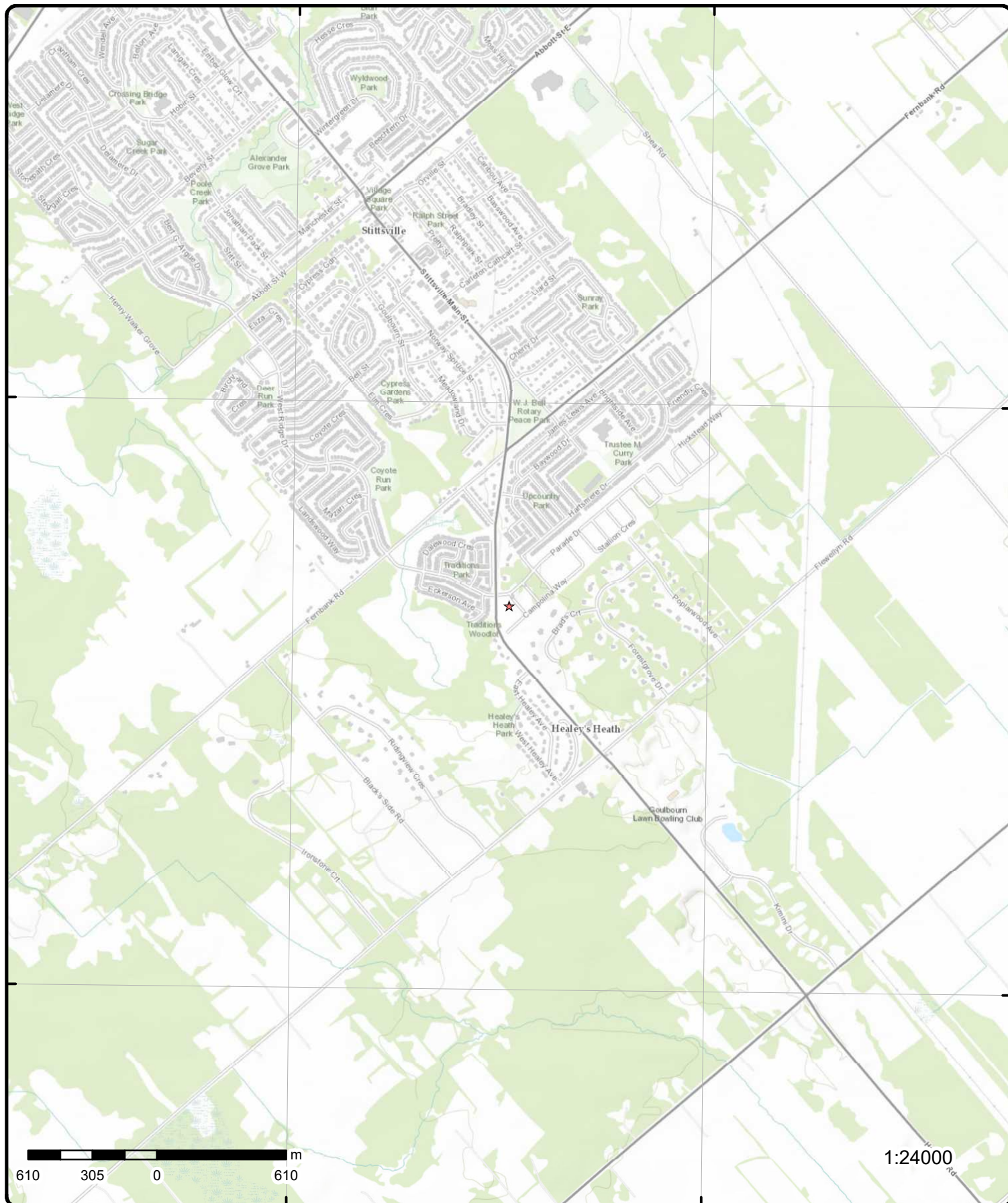
75°54'W

45°15'N

45°15'N

45°13'30"N

45°13'30"N



Topographic Map

Order Number: 24060700322

Address: 1883 Stittsville Main Street, 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
1	1 of 1	NE/7.5	122.8 / 0.04	lot 22 con 9 ON	WWIS
Well ID: 1515755 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: GOULBOURN TOWNSHIP Site Info: Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 12/09/1976 Selected Flag: TRUE Abandonment Rec: Contractor: 1558 Form Version: 1 Owner: County: OTTAWA-CARLETON Lot: 022 Concession: 09 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability: PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1515755.pdf Additional Detail(s) (Map) Well Completed Date: 11/05/1976 Year Completed: 1976 Depth (m): 24.384 Latitude: 45.2414010504139 Longitude: -75.9119011334853 X: -75.91190097163106 Y: 45.24140104304398 Path: 151\1515755.pdf Bore Hole Information Bore Hole ID: 10037699 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 11/05/1976 Remarks: Location Method Desc: Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Elevation: Elevrc: Zone: 18 East83: 428430.70 North83: 5010172.00 Org CS: UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: p5					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931030142			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		9.0			
Formation End Depth:		80.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931030141			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:		01			
Material 3 Desc:		FILL			
Formation Top Depth:		0.0			
Formation End Depth:		9.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961515755			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10586269			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930066443			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		25.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930066444			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		80.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		991515755			
Pump Set At:					
Static Level:		20.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:		60.0			
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:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934378104			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934897107			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934101333			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934639208			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		45			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933471920			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		78.0			
Water Found Depth UOM:		ft			
2	1 of 1	N/66.0	122.9 / 0.08	lot 22 con 9 ON	WWIS
Well ID:		1509890		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:		0		Data Src:	1
Final Well Status:		Water Supply		Date Received:	01/08/1969
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1503
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509890.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		12/10/1968			
Year Completed:		1968			
Depth (m):		21.9456			
Latitude:		45.2419400572221			
Longitude:		-75.9120371731854			
X:		-75.912037012407			
Y:		45.24194005041976			
Path:		150\1509890.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10031922		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428420.70
Code OB Desc:				North83:	5010232.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:		12/10/1968		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Location Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931013332			
Layer:		1			
Color:					
General Color:					
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		09			
Material 2 Desc:		MEDIUM SAND			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		2.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931013333			
Layer:		2			
Color:					
General Color:					
Material 1:		17			
Material 1 Desc:		SHALE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		2.0			
Formation End Depth:		10.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931013334			
Layer:		3			
Color:					
General Color:					
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		10.0			
Formation End Depth:		72.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u> <u>Use</u>					
Method Construction ID:		961509890			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10580492			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930056475			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		18.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930056476			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		72.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991509890			
Pump Set At:					
Static Level:		25.0			
Final Level After Pumping:		32.0			
Recommended Pump Depth:		50.0			
Pumping Rate:		10.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933464783			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		70.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		ft			
3	1 of 14	WNW/110.8	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:		1517086		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:	08/13/1979
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1517086.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		07/09/1979			
Year Completed:		1979			
Depth (m):		45.4152			
Latitude:		45.2418317884369			
Longitude:		-75.9131949278632			
X:		-75.9131947670598			
Y:		45.241831781214096			
Path:		151\1517086.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10038966		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428329.70
Code OB Desc:				North83:	5010221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:		07/09/1979		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Location Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931034107			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		73			
Material 2 Desc:		HARD			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		45.0			
Formation End Depth:		140.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931034106			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:		79			
Material 3 Desc:		PACKED			
Formation Top Depth:		30.0			
Formation End Depth:		45.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931034105			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:		79			
Material 3 Desc:		PACKED			
Formation Top Depth:		0.0			
Formation End Depth:		30.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931034108			
Layer:		4			
Color:		8			
General Color:		BLACK			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		80			
Material 2 Desc:		POROUS			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		140.0			
Formation End Depth:		149.0			
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:	961517086				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10587536				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930068336				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	149.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930068335				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	45.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	BAILER				
Pump Test ID:	991517086				
Pump Set At:					
Static Level:	30.0				
Final Level After Pumping:	60.0				
Recommended Pump Depth:	80.0				
Pumping Rate:	9.0				
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:	2				
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: 934382624					
Test Type: Draw Down					
Test Duration: 30					
Test Level: 60.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934901608					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 60.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934102623					
Test Type: Draw Down					
Test Duration: 15					
Test Level: 60.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934644127					
Test Type: Draw Down					
Test Duration: 45					
Test Level: 60.0					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933473495					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 90.0					
Water Found Depth UOM: ft					
<u>Water Details</u>					
Water ID: 933473496					
Layer: 2					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 147.0					
Water Found Depth UOM: ft					
<u>3</u>	2 of 14	WNW/110.8	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID: 1517204					
Construction Date:					
Use 1st: Domestic					
Use 2nd: 0					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No:					
Tag:					
Flowing (Y/N):					
Flow Rate:					
Data Entry Status:					
Data Src: 1					
Date Received: 01/08/1980					
Selected Flag: TRUE					
Abandonment Rec:					
Contractor: 3644					
Form Version: 1					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:				Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA-CARLETON 022 09 CON
PDF URL (Map):		GOULBOURN TOWNSHIP https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1517204.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: X: Y: Path:		11/05/1979 1979 32.004 45.2418317884369 -75.9131949278632 -75.9131947670598 45.241831781214096 151\1517204.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Location Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		10039081		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 428329.70 5010221.00 4 margin of error : 30 m - 100 m p4
Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Material 1: Material 1 Desc: Material 2: Material 2 Desc: Material 3: Material 3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		931034420 2 2 GREY 15 LIMESTONE 39.0 105.0 ft			
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		931034419			
Layer:		1			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		39.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961517204			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10587651			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930068471			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		40.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991517204			
Pump Set At:					
Static Level:		35.0			
Final Level After Pumping:		80.0			
Recommended Pump Depth:		80.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934383150			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		80.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934102730			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		80.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934893925			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		80.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934644232			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		80.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933473630			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		101.0			
Water Found Depth UOM:		ft			
<u>3</u>	3 of 14	WNW/110.8	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:	1517205			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	01/08/1980
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:			GOULBOURN TOWNSHIP		
Site Info:					
PDF URL (Map):			https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1517205.pdf		
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:			11/05/1979		
Year Completed:			1979		
Depth (m):			33.528		
Latitude:			45.2418317884369		
Longitude:			-75.9131949278632		
X:			-75.9131947670598		
Y:			45.241831781214096		
Path:			151\1517205.pdf		
<u>Bore Hole Information</u>					
Bore Hole ID:			10039082		
DP2BR:			Elevation:		
Spatial Status:			Elevrc:		
Code OB:			Zone:		
Code OB Desc:			East83:		
Open Hole:			North83:		
Cluster Kind:			Org CS:		
Date Completed:			UTMRC:		
Remarks:			UTMRC Desc:		
Location Method Desc:			Location Method:		
Elevrc Desc:			18		
Location Source Date:			428329.70		
Improvement Location Source:			5010221.00		
Improvement Location Method:			4		
Source Revision Comment:			margin of error : 30 m - 100 m		
Supplier Comment:			p4		
Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			931034422		
Layer:			2		
Color:			2		
General Color:			GREY		
Material 1:			15		
Material 1 Desc:			LIMESTONE		
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:			39.0		
Formation End Depth:			110.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			931034421		
Layer:			1		
Color:			2		
General Color:			GREY		
Material 1:			28		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		39.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961517205			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10587652			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930068472			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		40.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		991517205			
Pump Set At:					
Static Level:		35.0			
Final Level After Pumping:		70.0			
Recommended Pump Depth:		70.0			
Pumping Rate:		6.0			
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:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934893926			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		70.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934383151			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		70.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934102731			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		70.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934644233			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		70.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933473631			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		109.0			
Water Found Depth UOM:		ft			
<u>3</u>	4 of 14	WNW/110.8	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:	1517874			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:	08/20/1982
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1517874.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		07/24/1982			
Year Completed:		1982			
Depth (m):		52.4256			
Latitude:		45.2418317884369			
Longitude:		-75.9131949278632			
X:		-75.9131947670598			
Y:		45.241831781214096			
Path:		151\1517874.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10039745			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428329.70
Code OB Desc:				North83:	5010221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	07/24/1982			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Location Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931036613				
Layer:	1				
Color:	6				
General Color:	BROWN				
Material 1:	28				
Material 1 Desc:	SAND				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	12.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931036614				
Layer:	2				
Color:	2				
General Color:	GREY				
Material 1:	14				
Material 1 Desc:	HARDPAN				
Material 2:	11				
Material 2 Desc:	GRAVEL				
Material 3:					
Material 3 Desc:					
Formation Top Depth:	12.0				
Formation End Depth:	57.0				
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:		931036615			
Layer:		3			
Color:					
General Color:					
Material 1:		00			
Material 1 Desc:		UNKNOWN TYPE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		57.0			
Formation End Depth:		172.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961517874			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10588315			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930069431			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		59.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		991517874			
Pump Set At:					
Static Level:		45.0			
Final Level After Pumping:		80.0			
Recommended Pump Depth:		80.0			
Pumping Rate:		20.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934646951			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		75.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934377116			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		65.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934896224			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		80.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103078			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		55.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933474455			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		150.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933474456			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		170.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933474454			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		100.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		ft			
3	5 of 14	WNW/110.8	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:		1518015		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:	12/01/1982
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518015.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		10/28/1982			
Year Completed:		1982			
Depth (m):		43.8912			
Latitude:		45.2418317884369			
Longitude:		-75.9131949278632			
X:		-75.9131947670598			
Y:		45.241831781214096			
Path:		151\1518015.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10039886		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428329.70
Code OB Desc:				North83:	5010221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:		10/28/1982		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Location Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931037070			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		42.0			
Formation End Depth:		53.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931037068			
Layer:		1			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		16.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931037069			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		16.0			
Formation End Depth:		42.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931037071			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		53.0			
Formation End Depth:		144.0			
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:	961518015				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10588456				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930069673				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	54.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930069674				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	144.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	BAILER				
Pump Test ID:	991518015				
Pump Set At:					
Static Level:	50.0				
Final Level After Pumping:	70.0				
Recommended Pump Depth:	80.0				
Pumping Rate:	10.0				
Flowing Rate:					
Recommended Pump Rate:	5.0				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	2				
Water State After Test:	CLOUDY				
Pumping Test Method:	2				
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: 934377671					
Test Type: Draw Down					
Test Duration: 30					
Test Level: 70.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934103203					
Test Type: Draw Down					
Test Duration: 15					
Test Level: 70.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934647505					
Test Type: Draw Down					
Test Duration: 45					
Test Level: 70.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934896779					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 70.0					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933474635					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 120.0					
Water Found Depth UOM: ft					
<u>Water Details</u>					
Water ID: 933474636					
Layer: 2					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 142.0					
Water Found Depth UOM: ft					
<u>3</u>	6 of 14	WNW/110.8	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID: 1518069					
Construction Date:					
Use 1st: Domestic					
Use 2nd: 0					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No:					
Tag:					
Flowing (Y/N):					
Flow Rate:					
Data Entry Status:					
Data Src: 1					
Date Received: 01/11/1983					
Selected Flag: TRUE					
Abandonment Rec:					
Contractor: 3644					
Form Version: 1					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:			GOULBOURN TOWNSHIP	Owner: County: OTTAWA-CARLETON Lot: 022 Concession: 09 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518069.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: X: Y: Path:		09/21/1982 1982 25.6032 45.2418317884369 -75.9131949278632 -75.9131947670598 45.241831781214096 151\1518069.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Location Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		10039940		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 428329.70 5010221.00 4 margin of error : 30 m - 100 m p4
		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Material 1: Material 1 Desc: Material 2: Material 2 Desc: Material 3: Material 3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:		931037254 2 6 BROWN 28 SAND 15.0 33.0 ft			
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		931037253			
Layer:		1			
Color:		2			
General Color:		GREY			
Material 1:		11			
Material 1 Desc:		GRAVEL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		15.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931037256			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		65.0			
Formation End Depth:		75.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931037255			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		33.0			
Formation End Depth:		65.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931037257			
Layer:		5			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		75.0			
Formation End Depth:		84.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961518069			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10588510			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930069767			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		84.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930069766			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		35.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991518069			
Pump Set At:					
Static Level:		20.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:		50.0			
Pumping Rate:		50.0			
Flowing Rate:					
Recommended Pump Rate:		10.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934897250			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934377725			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103394			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934647559			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933474702			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		70.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933474703			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		75.0			
Water Found Depth UOM:		ft			
<u>3</u>	7 of 14	WNW/110.8	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:	1518249			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	06/06/1983
Water Type:				Selected Flag:	TRUE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Material:			Abandonment Rec:		
Audit No:			Contractor:	1558	
Tag:			Form Version:	1	
Constructn Method:			Owner:		
Elevation (m):			County:	OTTAWA-CARLETON	
Elevatn Reliabilty:			Lot:	022	
Depth to Bedrock:			Concession:	09	
Well Depth:			Concession Name:	CON	
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518249.pdf			
Additional Detail(s) (Map)					
Well Completed Date:		03/31/1983			
Year Completed:		1983			
Depth (m):		49.3776			
Latitude:		45.2418317884369			
Longitude:		-75.9131949278632			
X:		-75.9131947670598			
Y:		45.241831781214096			
Path:		151\1518249.pdf			
Bore Hole Information					
Bore Hole ID:		10040119		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				18	
Code OB Desc:				East83:	
Open Hole:				428329.70	
Cluster Kind:				North83:	
Date Completed:		03/31/1983		5010221.00	
Remarks:				Org CS:	
Location Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		UTMRC:	
Elevrc Desc:				4	
Location Source Date:				UTMRC Desc:	
Improvement Location Source:				margin of error : 30 m - 100 m	
Improvement Location Method:				Location Method:	
Source Revision Comment:				p4	
Supplier Comment:					
Overburden and Bedrock					
Materials Interval					
Formation ID:		931037833			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		81			
Material 3 Desc:		SANDY			
Formation Top Depth:		30.0			
Formation End Depth:		60.0			
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:		931037832			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		77			
Material 2 Desc:		LOOSE			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		30.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931037835			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		74			
Material 2 Desc:		LAYERED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		150.0			
Formation End Depth:		162.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931037834			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		74			
Material 2 Desc:		LAYERED			
Material 3:		85			
Material 3 Desc:		SOFT			
Formation Top Depth:		60.0			
Formation End Depth:		150.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961518249			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10588689			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930070040			
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>Construction Record - Casing</u>					
Casing ID:		930070041			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		162.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930070039			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		60.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		991518249			
Pump Set At:					
Static Level:		15.0			
Final Level After Pumping:		35.0			
Recommended Pump Depth:		50.0			
Pumping Rate:		20.0			
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:		2			
Pumping Duration HR:		2			
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: 934639377					
Test Type: Draw Down					
Test Duration: 45					
Test Level: 35.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934103566					
Test Type: Draw Down					
Test Duration: 15					
Test Level: 35.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934378318					
Test Type: Draw Down					
Test Duration: 30					
Test Level: 35.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934897838					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 35.0					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933474927					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 156.0					
Water Found Depth UOM: ft					
<u>3</u>	8 of 14	WNW/110.8	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID: 1518340					
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: GOULBOURN TOWNSHIP					
Flowing (Y/N):					
Flow Rate:					
Data Entry Status:					
Data Src: 1					
Date Received: 08/03/1983					
Selected Flag: TRUE					
Abandonment Rec:					
Contractor: 3644					
Form Version: 1					
Owner:					
County: OTTAWA-CARLETON					
Lot: 022					
Concession: 09					
Concession Name: CON					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518340.pdf				
Additional Detail(s) (Map)					
Well Completed Date:	06/08/1983				
Year Completed:	1983				
Depth (m):	48.768				
Latitude:	45.2418317884369				
Longitude:	-75.9131949278632				
X:	-75.9131947670598				
Y:	45.241831781214096				
Path:	151\1518340.pdf				
Bore Hole Information					
Bore Hole ID:	10040210			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428329.70
Code OB Desc:				North83:	5010221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	06/08/1983			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock					
Materials Interval					
Formation ID:	931038135				
Layer:	1				
Color:	2				
General Color:	GREY				
Material 1:	28				
Material 1 Desc:	SAND				
Material 2:	11				
Material 2 Desc:	GRAVEL				
Material 3:					
Material 3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	48.0				
Formation End Depth UOM:	ft				
Overburden and Bedrock					
Materials Interval					
Formation ID:	931038136				
Layer:	2				
Color:	2				
General Color:	GREY				
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:					
Material 2 Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3:					
Material 3 Desc:					
Formation Top Depth:		48.0			
Formation End Depth:		160.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961518340			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10588780			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930070185			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		160.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930070184			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		50.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991518340			
Pump Set At:					
Static Level:		25.0			
Final Level After Pumping:		140.0			
Recommended Pump Depth:		140.0			
Pumping Rate:		8.0			
Flowing Rate:					
Recommended Pump Rate:		6.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934378825			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		140.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934639885			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		140.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103656			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		140.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934897928			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		140.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475028			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		155.0			
Water Found Depth UOM:		ft			
<u>3</u>	9 of 14	WNW/110.8	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:		1518341		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:		0		Data Src:	1
Final Well Status:		Water Supply		Date Received:	08/03/1983
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:			GOULBOURN TOWNSHIP		
Site Info:					
PDF URL (Map):			https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518341.pdf		
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:			07/09/1983		
Year Completed:			1983		
Depth (m):			64.008		
Latitude:			45.2418317884369		
Longitude:			-75.9131949278632		
X:			-75.9131947670598		
Y:			45.241831781214096		
Path:			151\1518341.pdf		
<u>Bore Hole Information</u>					
Bore Hole ID:			10040211		
DP2BR:			Elevation:		
Spatial Status:			Elevrc:		
Code OB:			Zone:		
Code OB Desc:			East83:		
Open Hole:			North83:		
Cluster Kind:			Org CS:		
Date Completed:			UTMRC:		
Remarks:			UTMRC Desc:		
Location Method Desc:			Location Method:		
Elevrc Desc:			margin of error : 30 m - 100 m		
Location Source Date:			p4		
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			931038139		
Layer:			3		
Color:			2		
General Color:			GREY		
Material 1:			15		
Material 1 Desc:			LIMESTONE		
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:			44.0		
Formation End Depth:			210.0		
Formation End Depth UOM:			ft		
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:			931038138		
Layer:			2		
Color:			2		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		23.0			
Formation End Depth:		44.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931038137			
Layer:		1			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		23.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961518341			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10588781			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930070187			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		210.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930070186			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		46.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		991518341			
Pump Set At:					
Static Level:		40.0			
Final Level After Pumping:		180.0			
Recommended Pump Depth:		200.0			
Pumping Rate:		4.0			
Flowing Rate:					
Recommended Pump Rate:		6.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934639886			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		170.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103657			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		100.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934378826			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		140.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934897929			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		180.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475030			
Layer:		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind Code: 1 Kind: FRESH Water Found Depth: 210.0 Water Found Depth UOM: ft					
<u>Water Details</u>					
Water ID: 933475029 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 160.0 Water Found Depth UOM: ft					
<u>3</u>	10 of 14	WNW/110.8	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID: 1518350 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: GOULBOURN TOWNSHIP Site Info: PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518350.pdf					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: 07/14/1983 Year Completed: 1983 Depth (m): 44.8056 Latitude: 45.2418317884369 Longitude: -75.9131949278632 X: -75.9131947670598 Y: 45.241831781214096 Path: 151\1518350.pdf					
<u>Bore Hole Information</u>					
Bore Hole ID: 10040220 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 07/14/1983 Remarks:					
Elevation: Elevrc: Zone: 18 East83: 428329.70 North83: 5010221.00 Org CS: UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: p4					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931038171			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		80			
Material 2 Desc:		POROUS			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		25.0			
Formation End Depth:		147.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931038170			
Layer:		1			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:		79			
Material 3 Desc:		PACKED			
Formation Top Depth:		0.0			
Formation End Depth:		25.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961518350			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10588790			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930070205			
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:		26.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930070206			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		147.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		991518350			
Pump Set At:					
Static Level:		28.0			
Final Level After Pumping:		60.0			
Recommended Pump Depth:		80.0			
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:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934639895			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103666			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934898355			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		60.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934378835			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475041			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		120.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933475042			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		145.0			
Water Found Depth UOM:		ft			
3	11 of 14	WNW/110.8	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:	1518352			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	08/03/1983
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518352.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	06/07/1983				
Year Completed:	1983				
Depth (m):	45.72				
Latitude:	45.2418317884369				
Longitude:	-75.9131949278632				
X:	-75.9131947670598				
Y:	45.241831781214096				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Path:		151\1518352.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10040222			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428329.70
Code OB Desc:				North83:	5010221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	06/07/1983			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931038176				
Layer:	1				
Color:	2				
General Color:	GREY				
Material 1:	28				
Material 1 Desc:	SAND				
Material 2:	11				
Material 2 Desc:	GRAVEL				
Material 3:					
Material 3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	40.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931038178				
Layer:	3				
Color:	2				
General Color:	GREY				
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	48.0				
Formation End Depth:	150.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931038177				
Layer:	2				
Color:	2				
General Color:	GREY				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1:		11			
Material 1 Desc:		GRAVEL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		40.0			
Formation End Depth:		48.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961518352			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10588792			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930070209			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		50.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930070210			
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>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991518352			
Pump Set At:					
Static Level:		25.0			
Final Level After Pumping:		80.0			
Recommended Pump Depth:		80.0			
Pumping Rate:		20.0			
Flowing Rate:					
Recommended Pump Rate:		15.0			
Levels UOM:		ft			
Rate UOM:		GPM			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State After Test Code:	2				
Water State After Test:	CLOUDY				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934639897				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	80.0				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934103668				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	80.0				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934898357				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	80.0				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934378837				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	80.0				
Test Level UOM:	ft				
 <u>Water Details</u>					
Water ID:	933475045				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	145.0				
Water Found Depth UOM:	ft				
<u>3</u>	12 of 14	WNW/110.8	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:	1519231			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	09/05/1984
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation (m):			County:	OTTAWA-CARLETON	
Elevatn Reliabilty:			Lot:	022	
Depth to Bedrock:			Concession:	09	
Well Depth:			Concession Name:	CON	
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519231.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		08/21/1984			
Year Completed:		1984			
Depth (m):		47.244			
Latitude:		45.2418317884369			
Longitude:		-75.9131949278632			
X:		-75.9131947670598			
Y:		45.241831781214096			
Path:		151\1519231.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10041101		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				18	
Code OB Desc:				East83:	
Open Hole:				428329.70	
Cluster Kind:				North83:	
Date Completed:		08/21/1984		5010221.00	
Remarks:				Org CS:	
Location Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		UTMRC:	
Elevrc Desc:				4	
Location Source Date:				UTMRC Desc:	
Improvement Location Source:				margin of error : 30 m - 100 m	
Improvement Location Method:				p4	
Source Revision Comment:				Location Method:	
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931041029			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		78			
Material 2 Desc:		MEDIUM-GRAINED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		57.0			
Formation End Depth:		150.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931041030			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		150.0			
Formation End Depth:		155.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931041027			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:		79			
Material 3 Desc:		PACKED			
Formation Top Depth:		0.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931041028			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		79			
Material 3 Desc:		PACKED			
Formation Top Depth:		5.0			
Formation End Depth:		57.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well</u> <u>Use</u>					
Method Construction ID:		961519231			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10589671			
Casing No:		1			
Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930071769			
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>Construction Record - Casing</u>					
Casing ID:		930071771			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		155.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930071770			
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>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		991519231			
Pump Set At:					
Static Level:		15.0			
Final Level After Pumping:		40.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		20.0			
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:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934652742			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		45			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934901710			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934382209			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934107471			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		40.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933476155			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		152.0			
Water Found Depth UOM:		ft			
<u>3</u>	13 of 14	WNW/110.8	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:	1519307			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	10/25/1984
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519307.pdf			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		08/30/1984			
Year Completed:		1984			
Depth (m):		56.388			
Latitude:		45.2418317884369			
Longitude:		-75.9131949278632			
X:		-75.9131947670598			
Y:		45.241831781214096			
Path:		151\1519307.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10041177			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428329.70
Code OB Desc:				North83:	5010221.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	08/30/1984			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Location Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931041265				
Layer:	2				
Color:	2				
General Color:	GREY				
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	26.0				
Formation End Depth:	185.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931041264				
Layer:	1				
Color:	2				
General Color:	GREY				
Material 1:	28				
Material 1 Desc:	SAND				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	0.0				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		26.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961519307			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10589747			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930071895			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		28.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930071896			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		185.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991519307			
Pump Set At:					
Static Level:		25.0			
Final Level After Pumping:		90.0			
Recommended Pump Depth:		100.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934107545			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		90.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934382701			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		90.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934901785			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		90.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934652119			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		90.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933476250			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		180.0			
Water Found Depth UOM:		ft			
<u>3</u>	14 of 14	WNW/110.8	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:	1519380			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:	12/13/1984
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Clear/Cloudy:		GOULBOURN TOWNSHIP		UTM Reliability:	
Municipality:					
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519380.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		08/23/1984			
Year Completed:		1984			
Depth (m):		62.1792			
Latitude:		45.2418317884369			
Longitude:		-75.9131949278632			
X:		-75.9131947670598			
Y:		45.241831781214096			
Path:		151\1519380.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10041250		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		08/23/1984		UTMRC Desc:	
Remarks:				Location Method:	
Location Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931041505			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		79			
Material 3 Desc:		PACKED			
Formation Top Depth:		0.0			
Formation End Depth:		6.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931041506			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		79			
Material 3 Desc:		PACKED			
Formation Top Depth:		6.0			
Formation End Depth:		29.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931041507			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		78			
Material 2 Desc:		MEDIUM-GRAINED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		29.0			
Formation End Depth:		150.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931041508			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		78			
Material 2 Desc:		MEDIUM-GRAINED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		150.0			
Formation End Depth:		204.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961519380			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10589820			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930072019			
Layer:		2			
Material:		4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		204.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930072018			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		32.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991519380			
Pump Set At:					
Static Level:		26.0			
Final Level After Pumping:		90.0			
Recommended Pump Depth:		150.0			
Pumping Rate:		6.0			
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:		934108037			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934652189			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		90.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934382774			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		90.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934893513				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	90.0				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933476349				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	204.0				
Water Found Depth UOM:	ft				
<u>4</u>	1 of 1	ESE/118.4	121.9 / -0.89	1384341 Ontario Ltd.	PTTW
ON					
EBR Registry No:	012-6845			Decision Posted:	
Ministry Ref No:	1048-A6RS8U			Exception Posted:	
Notice Type:	Instrument Proposal			Section:	
Notice Stage:				Act 1:	
Notice Date:	February 22, 2016			Act 2:	
Proposal Date:	February 22, 2016			Site Location Map:	
Year:	2016				
Instrument Type:	(OWRA s. 34) - Permit to Take Water				
Off Instrument Name:					
Posted By:					
Company Name:	1384341 Ontario Ltd.				
Site Address:					
Location Other:					
Proponent Name:					
Proponent Address:	9094 Cavanagh Road, Ashton Ontario, Canada K0A 1B0				
Comment Period:					
URL:					
Site Location Details:					
Site #1: 1845,1877,1883,1921 Stittsville Main Street and 74 Hartsmere Court Lot: 22,23,24 and 25, Concession: 9, Geographic Township: Goulbourn, City of Ottawa Site #2: 70 Friendly Crescent Lot: 24, Concession: 9, Geographic Township: Goulbourn, City of Ottawa Site #3: 5970 Fernbank Road, 5993 Flewellyn Road and 6070 Fernbank Road Lot: 25, Concession: 9, Geographic Township: Goulbourn, City of Ottawa CITY OF OTTAWA GOULBOURN					
<u>5</u>	1 of 1	NW/139.4	124.3 / 1.46	1876 STITTSVILLE MAINE STREET lot 22 con 9 STITTSVILLE ON	WWIS
Well ID:	7156131			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:				Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Abandoned-Other			Date Received:	12/09/2010
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	Yes
Audit No:	Z115621			Contractor:	1558
Tag:				Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevatn Reliability:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/715\7156131.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		09/22/2010			
Year Completed:		2010			
Depth (m):					
Latitude:		45.242446901643			
Longitude:		-75.9128187077405			
X:		-75.91281854730114			
Y:		45.24244689522276			
Path:		715\7156131.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1003434959		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428360.00
Code OB Desc:				North83:	5010289.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:		09/22/2010		UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Location Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003733600			
Layer:		1			
Plug From:		53.29999923706055			
Plug To:		0.0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1003733598			
Method Construction Code:					
Method Construction:					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003733592			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No: Comment: Alt Name:		0			
<u>Construction Record - Casing</u>					
Casing ID:		1003733596			
Layer:					
Material:					
Open Hole or Material:					
Depth From:					
Depth To:					
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1003733597			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Water Details</u>					
Water ID:		1003733595			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1003733594			
Diameter:					
Depth From:					
Depth To:					
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

<u>6</u>	1 of 1	NNW/139.8	123.0 / 0.16	1877 STITTSVILLE MAIN ST. lot 22 con 9 STITTSVILLE ON	WWIS
Well ID:	7328234			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Not Used			Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:	Abandoned-Other			Date Received:	02/13/2019
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	Yes
Audit No:	Z252122			Contractor:	4875
Tag:				Form Version:	7
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:			GOULBOURN TOWNSHIP	Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/732\7328234.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		01/22/2019			
Year Completed:		2019			
Depth (m):					
Latitude:		45.2425766739809			
Longitude:		-75.9123493400829			
X:		-75.91234917860766			
Y:		45.24257666735177			
Path:		732\7328234.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1007370714		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428397.00
Code OB Desc:				North83:	5010303.00
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:		01/22/2019		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Location Method Desc:		on Water Well Record			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007701289			
Layer:		1			
Plug From:		0.0			
Plug To:		24.700000762939453			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007701292			
Layer:		2			
Plug From:					
Plug To:					
Plug Depth UOM:					
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007701291			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Plug From:		0.0			
Plug To:		24.700000762939453			
Plug Depth UOM:		ft			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007701290			
Layer:		2			
Plug From:					
Plug To:					
Plug Depth UOM:					
 <u>Pipe Information</u>					
Pipe ID:		1007701271			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		1007701310			
Pump Set At:					
Static Level:		10.399999618530273			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:					
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:					
 <u>Hole Diameter</u>					
Hole ID:		1007701299			
Diameter:		15.239999771118164			
Depth From:		0.0			
Depth To:		24.700000762939453			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			
<u>7</u>	1 of 1	NW/142.3	123.9 / 1.12	ON	BORE
Borehole ID:	609456			Inclin FLG:	No
OGF ID:	215511072			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:	-5.5			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.24229

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Total Depth m: -999 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 121 Elev Reliabil Note: DEM Ground Elev m: 125 Concession: Location D: Survey D: Comments: Longitude DD: -75.91319 UTM Zone: 18 Easting: 428331 Northing: 5010272 Location Accuracy: Accuracy: Not Applicable					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: 218383266 Top Depth: 0 Bottom Depth: .5 Material Color: Material 1: Soil Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: SOIL. Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:					
Geology Stratum ID: 218383267 Top Depth: .5 Bottom Depth: Material Color: Grey Material 1: Bedrock Material 2: Limestone Material 3: Material 4: Gsc Material Description: Stratum Description: BEDROCK,LIMESTONE. GREY. 00150 AT 418.0 FEET. 17500. 00106 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:					
<u>Source</u>					
Source Type: Data Survey Source Orig: Geological Survey of Canada Source Date: 1956-1972 Confidence: M Observatio: Source Name: Urban Geology Automated Information System (UGAIS) Source Details: File: OTTAWA1.txt RecordID: 019640 NTS_Sheet: 31G04E Confiden 1: Reliable information but incomplete. Source Appl: Spatial/Tabular Source Iden: 1 Scale or Res: Varies Horizontal: NAD27 Verticalda: Mean Average Sea Level					
<u>Source List</u>					
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					
<u>8</u>	1 of 2	S/145.3	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID: 1518644 Construction Date: Flowing (Y/N): Flow Rate:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	11/23/1983
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518644.pdf			

Additional Detail(s) (Map)

Well Completed Date: 10/04/1983
Year Completed: 1983
Depth (m): 53.34
Latitude: 45.2400418876666
Longitude: -75.9118921312324
X: -75.91189196973185
Y: 45.24004188157846
Path: 151\1518644.pdf

Bore Hole Information

Bore Hole ID:	10040514	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	428429.70
Code OB Desc:		North83:	5010021.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	10/04/1983	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID: 931039070
Layer: 4
Color: 2
General Color: GREY
Material 1: 21
Material 1 Desc: GRANITE
Material 2: 78
Material 2 Desc: MEDIUM-GRAINED
Material 3:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3 Desc:					
Formation Top Depth:		54.0			
Formation End Depth:		175.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931039068			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		79			
Material 2 Desc:		PACKED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		10.0			
Formation End Depth:		50.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931039067			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:		79			
Material 3 Desc:		PACKED			
Formation Top Depth:		0.0			
Formation End Depth:		10.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931039069			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		13			
Material 3 Desc:		BOULDERS			
Formation Top Depth:		50.0			
Formation End Depth:		54.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961518644			
Method Construction Code:		1			
Method Construction:		Cable Tool			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589084			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930070722			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		175.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930070721			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		57.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		991518644			
Pump Set At:					
Static Level:		40.0			
Final Level After Pumping:		100.0			
Recommended Pump Depth:		130.0			
Pumping Rate:		7.0			
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:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934649942			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		100.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934899481			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		100.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103956			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		100.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934379961			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		100.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475403			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		170.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933475402			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		155.0			
Water Found Depth UOM:		ft			
<u>8</u>	2 of 2	S/145.3	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:	1519542			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:	04/24/1985
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliability:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB		
Clear/Cloudy:				UTM Reliability:			
Municipality:		GOULBOURN TOWNSHIP					
Site Info:							
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519542.pdf					
<u>Additional Detail(s) (Map)</u>							
Well Completed Date:		04/18/1985					
Year Completed:		1985					
Depth (m):		51.816					
Latitude:		45.2400418876666					
Longitude:		-75.9118921312324					
X:		-75.91189196973185					
Y:		45.24004188157846					
Path:		151\1519542.pdf					
<u>Bore Hole Information</u>							
Bore Hole ID:		10041412		Elevation:			
DP2BR:				Elevrc:			
Spatial Status:				Zone:	18		
Code OB:				East83:	428429.70		
Code OB Desc:				North83:	5010021.00		
Open Hole:				Org CS:			
Cluster Kind:				UTMRC:	4		
Date Completed:		04/18/1985		UTMRC Desc:	margin of error : 30 m - 100 m		
Remarks:				Location Method:	p4		
Location Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m					
Elevrc Desc:							
Location Source Date:							
Improvement Location Source:							
Improvement Location Method:							
Source Revision Comment:							
Supplier Comment:							
<u>Overburden and Bedrock</u>							
<u>Materials Interval</u>							
Formation ID:		931041997					
Layer:		1					
Color:		2					
General Color:		GREY					
Material 1:		28					
Material 1 Desc:		SAND					
Material 2:		11					
Material 2 Desc:		GRAVEL					
Material 3:		13					
Material 3 Desc:		BOULDERS					
Formation Top Depth:		0.0					
Formation End Depth:		5.0					
Formation End Depth UOM:		ft					
<u>Overburden and Bedrock</u>							
<u>Materials Interval</u>							
Formation ID:		931041998					
Layer:		2					
Color:		2					
General Color:		GREY					
Material 1:		28					
Material 1 Desc:		SAND					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		5.0			
Formation End Depth:		12.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931041999			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		12.0			
Formation End Depth:		47.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931042000			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		78			
Material 2 Desc:		MEDIUM-GRAINED			
Material 3:		73			
Material 3 Desc:		HARD			
Formation Top Depth:		47.0			
Formation End Depth:		170.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961519542			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589982			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930072313			
Layer:		2			
Material:		4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		170.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930072312			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		50.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		991519542			
Pump Set At:					
Static Level:		15.0			
Final Level After Pumping:		120.0			
Recommended Pump Depth:		150.0			
Pumping Rate:		10.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934653326			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		120.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934109175			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		120.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934894088			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		120.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934383349				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	120.0				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933476573				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	160.0				
Water Found Depth UOM:	ft				
<u>9</u>	1 of 1	W/149.5	124.6 / 1.77	506 CRESSWELL COURT, STITTSVILLE ON	PINC
Incident Id:	2687514			Pipe Material:	
Incident No:	531098			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:	3228239			Enforce Policy:	Yes
Spills Action Centre:	N/A			Public Relation:	No
Fuel Type:	Natural Gas			Pipeline System:	
Fuel Occurrence Tp:	Pipeline Strike			PSIG:	
Date of Occurrence:	2/4/2011 0:00			Attribute Category:	FS-Perform P-line Inc Invest
Occurrence Start Dt:	2011/03/08			Regulator Location:	
Depth:				Method Details:	E-mail
Customer Acct Name:					
Incident Address:					
Operation Type:	Construction Site (pipeline strike)				
Pipeline Type:					
Regulator Type:					
Summary:	506 CRESSWELL COURT, STITTSVILLE - 1/2" PIPELINE HIT				
Reported By:	ALAN ARMSTRONG - ENBRIDGE OTTAWA				
Affiliation:	Industry Stakeholder (Licensee/Registration/Certificate Holder, Facility Owner, etc.)				
Occurrence Desc:	no locates				
Damage Reason:	Excavation practices not sufficient				
Notes:					
<u>10</u>	1 of 4	S/171.9	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:	1532214			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Water Supply			Date Received:	09/17/2001
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	230230			Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):				https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1532214.pdf	
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		08/27/2001			
Year Completed:		2001			
Depth (m):		29.8704			
Latitude:		45.2398058932851			
Longitude:		-75.9121368086564			
X:		-75.91213664829648			
Y:		45.239805886287435			
Path:		153\1532214.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10516664		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				18	
Code OB Desc:				East83:	
Open Hole:				428410.20	
Cluster Kind:				North83:	
Date Completed:		08/27/2001		5009995.00	
Remarks:				Org CS:	
Location Method Desc:		Lot centroid		UTMRC:	
Elevrc Desc:				9	
Location Source Date:				UTMRC Desc:	
Improvement Location Source:				unknown UTM	
Improvement Location Method:				Location Method:	
Source Revision Comment:				lot	
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932832197			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		24.0			
Formation End Depth:		98.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932832196			
Laver:		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		10.0			
Formation End Depth:		24.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932832195			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		10.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961532214			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		11065234			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930094340			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930094341			
Layer:		2			
Material:					
Open Hole or Material:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930094342			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		991532214			
Pump Set At:					
Static Level:		11.0			
Final Level After Pumping:		18.0			
Recommended Pump Depth:		70.0			
Pumping Rate:		10.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934917229			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		18.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934399404			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		18.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934660343			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		18.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934116207			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		18.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934008339			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		70.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		934008340			
Layer:		2			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		88.0			
Water Found Depth UOM:		ft			
10	2 of 4	S/171.9	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:	1532215			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Water Supply			Date Received:	09/17/2001
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	230229			Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1532215.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	08/27/2001				
Year Completed:	2001				
Depth (m):	30.48				
Latitude:	45.2398058932851				
Longitude:	-75.9121368086564				
X:	-75.91213664829648				
Y:	45.239805886287435				
Path:	153\1532215.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10516665			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428410.20
Code OB Desc:				North83:	5009995.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	08/27/2001			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:	Lot centroid				
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:	932832199				
Layer:	2				
Color:	6				
General Color:	BROWN				
Material 1:	28				
Material 1 Desc:	SAND				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	5.0				
Formation End Depth:	24.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932832200				
Layer:	3				
Color:	2				
General Color:	GREY				
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	24.0				
Formation End Depth:	100.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932832198				
Layer:	1				
Color:	6				
General Color:	BROWN				
Material 1:	28				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1 Desc:		SAND			
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933219669			
Layer:		1			
Plug From:		0.0			
Plug To:		30.0			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961532215			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		11065235			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930094343			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930094345			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930094344			
Layer:		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		991532215			
Pump Set At:					
Static Level:		14.0			
Final Level After Pumping:		20.0			
Recommended Pump Depth:		70.0			
Pumping Rate:		10.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934917230			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		20.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934660344			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		20.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934116208			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		20.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934399405			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		20.0			
Test Level UOM:		ft			
 <u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID: 934008342 Layer: 2 Kind Code: 5 Kind: Not stated Water Found Depth: 91.0 Water Found Depth UOM: ft					
<u>Water Details</u>					
Water ID: 934008341 Layer: 1 Kind Code: 5 Kind: Not stated Water Found Depth: 76.0 Water Found Depth UOM: ft					
10	3 of 4	S/171.9	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID: 1532224 Construction Date: Use 1st: Domestic Use 2nd: Final Well Status: Water Supply Water Type: Casing Material: Audit No: 230232 Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: GOULBOURN TOWNSHIP Site Info: PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1532224.pdf					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: 08/02/2001 Year Completed: 2001 Depth (m): 54.864 Latitude: 45.2398058932851 Longitude: -75.9121368086564 X: -75.91213664829648 Y: 45.239805886287435 Path: 153\1532224.pdf					
<u>Bore Hole Information</u>					
Bore Hole ID: 10516674 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:					
Elevation: Elevrc: Zone: 18 East83: 428410.20 North83: 5009995.00 Org CS:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Cluster Kind:				UTMRC:	9
Date Completed:	08/02/2001			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:	Lot centroid				
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:	932832222				
Layer:	1				
Color:	6				
General Color:	BROWN				
Material 1:	28				
Material 1 Desc:	SAND				
Material 2:	11				
Material 2 Desc:	GRAVEL				
Material 3:					
Material 3 Desc:					
Formation Top Depth:	0.0				
Formation End Depth:	6.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932832225				
Layer:	4				
Color:	2				
General Color:	GREY				
Material 1:	18				
Material 1 Desc:	SANDSTONE				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	160.0				
Formation End Depth:	180.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932832224				
Layer:	3				
Color:	2				
General Color:	GREY				
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	10.0				
Formation End Depth:	160.0				
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:		932832223			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		17			
Material 1 Desc:		SHALE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		6.0			
Formation End Depth:		10.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933219676			
Layer:		1			
Plug From:		0.0			
Plug To:		21.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961532224			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11065244			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930094360			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930094359			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930094361			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		991532224			
Pump Set At:					
Static Level:		14.0			
Final Level After Pumping:		70.0			
Recommended Pump Depth:		160.0			
Pumping Rate:		10.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934660352			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		20.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934917238			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		23.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934116216			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		16.0			
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:		934399830			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		18.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934008352			
Layer:		2			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		170.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		934008351			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		50.0			
Water Found Depth UOM:		ft			
10	4 of 4	S/171.9	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:		1532395		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:				Data Src:	
Final Well Status:		Water Supply		1	
Water Type:				Date Received:	
Casing Material:				11/27/2001	
Audit No:		230285		Selected Flag:	
Tag:				TRUE	
Constructn Method:				Abandonment Rec:	
Elevation (m):				Contractor:	
Elevatn Reliabilty:				1558	
Depth to Bedrock:				Form Version:	
Well Depth:				1	
Overburden/Bedrock:				Owner:	
Pump Rate:				County:	
Static Water Level:				OTTAWA-CARLETON	
Clear/Cloudy:				Lot:	
Municipality:		GOULBOURN TOWNSHIP		022	
Site Info:				Concession:	
				09	
				Concession Name:	
				CON	
				Easting NAD83:	
				Northing NAD83:	
				Zone:	
				UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1532395.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		10/15/2001			
Year Completed:		2001			
Depth (m):		54.864			
Latitude:		45.2398058932851			
Longitude:		-75.9121368086564			
X:		-75.91213664829648			
Y:		45.239805886287435			
Path:		153\1532395.pdf			
<u>Bore Hole Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10516845			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428410.20
Code OB Desc:				North83:	5009995.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	10/15/2001			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:	Lot centroid				
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:	932832715				
Layer:	2				
Color:	6				
General Color:	BROWN				
Material 1:	17				
Material 1 Desc:	SHALE				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	8.0				
Formation End Depth:	11.0				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932832716				
Layer:	3				
Color:	2				
General Color:	GREY				
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:	11.0				
Formation End Depth:	180.0				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	932832714				
Layer:	1				
Color:	6				
General Color:	BROWN				
Material 1:	02				
Material 1 Desc:	TOPSOIL				
Material 2:	12				
Material 2 Desc:	STONES				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		8.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933219837			
Layer:		1			
Plug From:		0.0			
Plug To:		22.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961532395			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11065415			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930094734			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930094733			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930094732			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991532395			
Pump Set At:					
Static Level:		19.0			
Final Level After Pumping:		36.0			
Recommended Pump Depth:		150.0			
Pumping Rate:		16.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934660923			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		35.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934918364			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		36.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934116787			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		31.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934400956			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		33.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934008579			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		175.0			
Water Found Depth UOM:		ft			

11	1 of 1	S/172.0	124.9 / 2.08	lot 22 con 9 ON	WWIS
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Well ID:	1531695	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	01/03/2001
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	222843	Contractor:	1119
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	022
Depth to Bedrock:		Concession:	09
Well Depth:		Concession Name:	CON
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	GOULBOURN TOWNSHIP		
Site Info:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1531695.pdf

Additional Detail(s) (Map)

Well Completed Date:	10/28/2000
Year Completed:	2000
Depth (m):	121.92
Latitude:	45.2398058424102
Longitude:	-75.912143178424
X:	-75.91214301734975
Y:	45.23980583505192
Path:	153\1531695.pdf

Bore Hole Information

Bore Hole ID:	10053229	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	428409.70
Code OB Desc:		North83:	5009995.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/28/2000	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Location Method Desc:	Lot centroid		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		931079269			
Layer:		1			
Color:					
General Color:					
Material 1:		26			
Material 1 Desc:		ROCK			
Material 2:		71			
Material 2 Desc:		FRACTURED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		3.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931079270			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		3.0			
Formation End Depth:		400.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933116862			
Layer:		1			
Plug From:		2.0			
Plug To:		22.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961531695			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10601799			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930093233			
Layer:		3			
Material:		4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930093231			
Layer:		1			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		9.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930093232			
Layer:		2			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:					
Pump Test ID:		991531695			
Pump Set At:					
Static Level:		17.0			
Final Level After Pumping:		223.0			
Recommended Pump Depth:		300.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:					
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934658652			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		184.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934397716			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type: Draw Down Test Duration: 30 Test Level: 129.0 Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934114100 Test Type: Draw Down Test Duration: 15 Test Level: 56.0 Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934916098 Test Type: Draw Down Test Duration: 60 Test Level: 223.0 Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933492266 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 320.0 Water Found Depth UOM: ft					
<u>12</u>	1 of 4	S/172.4	124.9 / 2.08	1384341 Ontario Ltd. and Monarch Corporation Ottawa ON K2C 3H2	ECA
Approval No: 1247-7JUJHJ Approval Date: 2008-09-26 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-Municipal Drinking Water Systems Project Type: Municipal Drinking Water Systems Business Name: 1384341 Ontario Ltd. and Monarch Corporation Address: Full Address: Full PDF Link: PDF Site Location:					
MOE District: Ottawa City: Longitude: -75.91210000000001 Latitude: 45.2398 Geometry X: Geometry Y:					
<u>12</u>	2 of 4	S/172.4	124.9 / 2.08	1384341 Ontario Ltd. Ottawa ON K0A 1B0	ECA
Approval No: 0963-777MHJ Approval Date: 2007-09-20 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: 1384341 Ontario Ltd.					
MOE District: Ottawa City: Longitude: -75.9121 Latitude: 45.2398 Geometry X: Geometry Y:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Address: Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/4814-775KHW-14.pdf PDF Site Location:					
12	3 of 4	S/172.4	124.9 / 2.08	1384341 Ontario Ltd. and Monarch Corporation Ottawa ON K2C 3H2	ECA
Approval No: 9853-7NAUTA Approval Date: 2009-01-16 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: 1384341 Ontario Ltd. and Monarch Corporation Address: Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1846-7JSQ6E-14.pdf PDF Site Location:					
12	4 of 4	S/172.4	124.9 / 2.08	1384341 Ontario Ltd. and Monarch Corporation Ottawa ON K2C 3H2	ECA
Approval No: 4663-7JUJPT Approval Date: 2008-09-26 Status: Approved Record Type: ECA Link Source: IDS SWP Area Name: Rideau Valley Approval Type: ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS Project Type: MUNICIPAL AND PRIVATE SEWAGE WORKS Business Name: 1384341 Ontario Ltd. and Monarch Corporation Address: Full Address: Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/1991-7JSQ8Y-14.pdf PDF Site Location:					
13	1 of 7	S/172.7	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID: 1530042 Construction Date: Use 1st: Domestic Use 2nd: Final Well Status: Water Supply Water Type: Casing Material: Audit No: 183849 Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate:					
Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 Date Received: 07/22/1998 Selected Flag: TRUE Abandonment Rec: Contractor: 1558 Form Version: 1 Owner: County: OTTAWA-CARLETON Lot: 022 Concession: 09 Concession Name: CON Easting NAD83: Northing NAD83:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):				https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1530042.pdf	
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		05/11/1998			
Year Completed:		1998			
Depth (m):		53.34			
Latitude:		45.2397971472488			
Longitude:		-75.9121048158033			
X:		-75.91210465480897			
Y:		45.23979714014823			
Path:		153\1530042.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10051577		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428412.70
Code OB Desc:				North83:	5009994.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:		05/11/1998		UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:		Lot centroid			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931074304			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		78			
Material 2 Desc:		MEDIUM-GRAINED			
Material 3:		74			
Material 3 Desc:		LAYERED			
Formation Top Depth:		6.0			
Formation End Depth:		175.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931074302			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		02			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1 Desc:		TOPSOIL			
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:		68			
Material 3 Desc:		DRY			
Formation Top Depth:		0.0			
Formation End Depth:		3.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931074303			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		17			
Material 1 Desc:		SHALE			
Material 2:		85			
Material 2 Desc:		SOFT			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		3.0			
Formation End Depth:		6.0			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933115159			
Layer:		1			
Plug From:		21.0			
Plug To:		0.0			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961530042			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10600147			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930089870			
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			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930089871			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		175.0			
Casing Diameter:		5.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991530042			
Pump Set At:					
Static Level:		16.0			
Final Level After Pumping:		75.0			
Recommended Pump Depth:		75.0			
Pumping Rate:		12.0			
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:		934117257			
Test Type:					
Test Duration:		15			
Test Level:		17.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934392234			
Test Type:					
Test Duration:		30			
Test Level:		17.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934909930			
Test Type:					
Test Duration:		60			
Test Level:		16.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934661392			
Test Type:					
Test Duration:		45			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		16.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933490067			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		170.0			
Water Found Depth UOM:		ft			
13	2 of 7	S/172.7	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:		1521297		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:		Water Supply		Date Received:	04/28/1987
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:		07428		Contractor:	3142
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1521297.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		04/15/1987			
Year Completed:		1987			
Depth (m):		35.9664			
Latitude:		45.2397971472488			
Longitude:		-75.9121048158033			
X:		-75.91210465480897			
Y:		45.23979714014823			
Path:		152\1521297.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10043119		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428412.70
Code OB Desc:				North83:	5009994.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:		04/15/1987		UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:		Lot centroid			
Elevrc Desc:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931047487			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		16.0			
Formation End Depth:		80.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931047488			
Layer:		3			
Color:		8			
General Color:		BLACK			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		17			
Material 2 Desc:		SHALE			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		80.0			
Formation End Depth:		118.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931047486			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		13			
Material 3 Desc:		BOULDERS			
Formation Top Depth:		0.0			
Formation End Depth:		16.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u> <u>Use</u>					
Method Construction ID:		961521297			
Method Construction Code:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10591689				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930075284				
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>Construction Record - Casing</u>					
Casing ID:	930075285				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	118.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	BAILER				
Pump Test ID:	991521297				
Pump Set At:					
Static Level:	20.0				
Final Level After Pumping:	60.0				
Recommended Pump Depth:	85.0				
Pumping Rate:	15.0				
Flowing Rate:					
Recommended Pump Rate:	7.0				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	2				
Water State After Test:	CLOUDY				
Pumping Test Method:	2				
Pumping Duration HR:	2				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934909431				
Test Type:					
Test Duration:	60				
Test Level:	60.0				
Test Level UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934651223			
Test Type:					
Test Duration:		45			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934390076			
Test Type:					
Test Duration:		30			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934105977			
Test Type:					
Test Duration:		15			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933478794			
Layer:		2			
Kind Code:					
Kind:					
Water Found Depth:		116.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933478793			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		86.0			
Water Found Depth UOM:		ft			
<u>13</u>	3 of 7	S/172.7	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:	1521852			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Water Supply			Date Received:	10/01/1987
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	19316			Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1521852.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		07/10/1987			
Year Completed:		1987			
Depth (m):		45.72			
Latitude:		45.2397971472488			
Longitude:		-75.9121048158033			
X:		-75.91210465480897			
Y:		45.23979714014823			
Path:		152\1521852.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10043665		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428412.70
Code OB Desc:				North83:	5009994.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:		07/10/1987		UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:		Lot centroid			
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:		931049376			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		36.0			
Formation End Depth:		150.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931049375			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		28			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		28.0			
Formation End Depth:		36.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931049373			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		10.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931049374			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		10.0			
Formation End Depth:		28.0			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961521852			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10592235			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930076295			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		37.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930076296			
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>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		991521852			
Pump Set At:					
Static Level:		20.0			
Final Level After Pumping:		100.0			
Recommended Pump Depth:		130.0			
Pumping Rate:		7.0			
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:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934391270			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		100.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934910620			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		100.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934653389			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		100.0			

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:	934108146				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	75.0				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933479561				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	135.0				
Water Found Depth UOM:	ft				
13	4 of 7	S/172.7	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:	1525248		Flowing (Y/N):		
Construction Date:			Flow Rate:		
Use 1st:	Domestic		Data Entry Status:		
Use 2nd:			Data Src: 1		
Final Well Status:	Water Supply		Date Received: 01/18/1991		
Water Type:			Selected Flag: TRUE		
Casing Material:			Abandonment Rec:		
Audit No:	48680		Contractor: 1119		
Tag:			Form Version: 1		
Constructn Method:			Owner:		
Elevation (m):			County: OTTAWA-CARLETON		
Elevatn Reliabilty:			Lot: 022		
Depth to Bedrock:			Concession: 09		
Well Depth:			Concession Name: CON		
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1525248.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	02/19/1980				
Year Completed:	1980				
Depth (m):	134.112				
Latitude:	45.2397971472488				
Longitude:	-75.9121048158033				
X:	-75.91210465480897				
Y:	45.23979714014823				
Path:	152\1525248.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10046988		Elevation:		
DP2BR:			Elevrc:		
Spatial Status:			Zone: 18		
Code OB:			East83: 428412.70		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:				North83:	5009994.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	02/19/1980			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:		Lot centroid			
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:		931060588			
Layer:		1			
Color:		7			
General Color:		RED			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		30.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931060589			
Layer:		2			
Color:					
General Color:					
Material 1:		13			
Material 1 Desc:		BOULDERS			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		30.0			
Formation End Depth:		35.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931060590			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		35.0			
Formation End Depth:		440.0			
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:	961525248				
Method Construction Code:	5				
Method Construction:	Air Percussion				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10595558				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930082278				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	40.0				
Casing Diameter:	6.0				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:	PUMP				
Pump Test ID:	991525248				
Pump Set At:					
Static Level:	35.0				
Final Level After Pumping:	350.0				
Recommended Pump Depth:	400.0				
Pumping Rate:	5.0				
Flowing Rate:					
Recommended Pump Rate:	5.0				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934905211				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	280.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934111663				
Test Type:	Draw Down				
Test Duration:	15				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		100.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934387067			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		165.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934648031			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		225.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933484166			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		410.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933484165			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		160.0			
Water Found Depth UOM:		ft			
13	5 of 7	S/172.7	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:	1525669			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Test Hole			Date Received:	10/22/1991
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	103215			Contractor:	3142
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1525669.pdf			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		10/02/1991			
Year Completed:		1991			
Depth (m):		16.4592			
Latitude:		45.2397971472488			
Longitude:		-75.9121048158033			
X:		-75.91210465480897			
Y:		45.23979714014823			
Path:		152\1525669.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10047404			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428412.70
Code OB Desc:				North83:	5009994.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	10/02/1991			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:		Lot centroid			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931061971			
Layer:		1			
Color:		7			
General Color:		RED			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		79			
Material 2 Desc:		PACKED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		5.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931061974			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		71			
Material 2 Desc:		FRACTURED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		32.0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		54.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931061972			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		77			
Material 2 Desc:		LOOSE			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		5.0			
Formation End Depth:		18.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		931061973			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		79			
Material 3 Desc:		PACKED			
Formation Top Depth:		18.0			
Formation End Depth:		32.0			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment</u> <u>Sealing Record</u>					
Plug ID:		933111350			
Layer:		1			
Plug From:		8.0			
Plug To:		37.0			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well</u> <u>Use</u>					
Method Construction ID:		961525669			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10595974			
Casing No:		1			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:			930082976		
Layer:			2		
Material:			4		
Open Hole or Material:			OPEN HOLE		
Depth From:					
Depth To:			54.0		
Casing Diameter:			6.0		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Construction Record - Casing</u>					
Casing ID:			930082975		
Layer:			1		
Material:			1		
Open Hole or Material:			STEEL		
Depth From:					
Depth To:			38.0		
Casing Diameter:			6.0		
Casing Diameter UOM:			inch		
Casing Depth UOM:			ft		
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:			PUMP		
Pump Test ID:			991525669		
Pump Set At:					
Static Level:			12.0		
Final Level After Pumping:			22.0		
Recommended Pump Depth:			30.0		
Pumping Rate:			30.0		
Flowing Rate:					
Recommended Pump Rate:			8.0		
Levels UOM:			ft		
Rate UOM:			GPM		
Water State After Test Code:			1		
Water State After Test:			CLEAR		
Pumping Test Method:			1		
Pumping Duration HR:			6		
Pumping Duration MIN:			0		
Flowing:			No		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			934105044		
Test Type:					
Test Duration:			15		
Test Level:			22.0		
Test Level UOM:			ft		
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:			934388703		
Test Type:					
Test Duration:			30		
Test Level:			22.0		
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: 934906421					
Test Type:					
Test Duration: 60					
Test Level: 22.0					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934649241					
Test Type:					
Test Duration: 45					
Test Level: 22.0					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933484719					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 52.0					
Water Found Depth UOM: ft					
13	6 of 7	S/172.7	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID: 1526192					
Construction Date:					
Use 1st: Domestic					
Use 2nd:					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No: 113382					
Tag:					
Constructn Method:					
Elevation (m):					
Elevatn Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Clear/Cloudy:					
Municipality: GOULBOURN TOWNSHIP					
Site Info:					
Flowing (Y/N):					
Flow Rate:					
Data Entry Status:					
Data Src: 1					
Date Received: 06/02/1992					
Selected Flag: TRUE					
Abandonment Rec:					
Contractor: 1558					
Form Version: 1					
Owner:					
County: OTTAWA-CARLETON					
Lot: 022					
Concession: 09					
Concession Name: CON					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					
PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1526192.pdf					
<u>Additional Detail(s) (Map)</u>					
Well Completed Date: 05/11/1992					
Year Completed: 1992					
Depth (m): 45.1104					
Latitude: 45.2397971472488					
Longitude: -75.9121048158033					
X: -75.91210465480897					
Y: 45.23979714014823					
Path: 152\1526192.pdf					
<u>Bore Hole Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10047922			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428412.70
Code OB Desc:				North83:	5009994.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	05/11/1992			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:	Lot centroid				
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:	931063497				
Layer:	2				
Color:	2				
General Color:	GREY				
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:	30				
Material 2 Desc:	MEDIUM GRAVEL				
Material 3:					
Material 3 Desc:					
Formation Top Depth:	12.0				
Formation End Depth:	148.0				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931063496				
Layer:	1				
Color:	6				
General Color:	BROWN				
Material 1:	28				
Material 1 Desc:	SAND				
Material 2:	11				
Material 2 Desc:	GRAVEL				
Material 3:	13				
Material 3 Desc:	BOULDERS				
Formation Top Depth:	0.0				
Formation End Depth:	12.0				
Formation End Depth UOM:	ft				
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961526192				
Method Construction Code:	5				
Method Construction:	Air Percussion				
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:	10596492				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No: Comment: Alt Name:		1			
<u>Construction Record - Casing</u>					
Casing ID:		930083889			
Layer:		1			
Material:					
Open Hole or Material:					
Depth From:					
Depth To:		20.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930083890			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		148.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991526192			
Pump Set At:					
Static Level:		30.0			
Final Level After Pumping:		60.0			
Recommended Pump Depth:		120.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934390413			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934650934			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		60.0			

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:	934908552				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	60.0				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934106779				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	60.0				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933485419				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	143.0				
Water Found Depth UOM:	ft				
13	7 of 7	S/172.7	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:	1528486			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Water Supply			Date Received:	05/11/1995
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	153106			Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1528486.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	03/31/1995				
Year Completed:	1995				
Depth (m):	19.812				
Latitude:	45.2397971472488				
Longitude:	-75.9121048158033				
X:	-75.91210465480897				
Y:	45.23979714014823				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Path:		152\1528486.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10050022			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428412.70
Code OB Desc:				North83:	5009994.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	03/31/1995			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:	Lot centroid				
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:	931069802				
Layer:	3				
Color:	2				
General Color:	GREY				
Material 1:	28				
Material 1 Desc:	SAND				
Material 2:	05				
Material 2 Desc:	CLAY				
Material 3:	13				
Material 3 Desc:	BOULDERS				
Formation Top Depth:	14.0				
Formation End Depth:	30.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931069800				
Layer:	1				
Color:	8				
General Color:	BLACK				
Material 1:	05				
Material 1 Desc:	CLAY				
Material 2:	28				
Material 2 Desc:	SAND				
Material 3:	91				
Material 3 Desc:	WATER-BEARING				
Formation Top Depth:	0.0				
Formation End Depth:	2.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931069803				
Layer:	4				
Color:	2				
General Color:	GREY				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		71			
Material 2 Desc:		FRACTURED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		30.0			
Formation End Depth:		32.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931069804			
Layer:		5			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		32.0			
Formation End Depth:		65.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931069801			
Layer:		2			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:		91			
Material 3 Desc:		WATER-BEARING			
Formation Top Depth:		2.0			
Formation End Depth:		14.0			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933113398			
Layer:		1			
Plug From:		0.0			
Plug To:		41.0			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961528486			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10598592			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930087402			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		45.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930087403			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		65.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		991528486			
Pump Set At:					
Static Level:		0.0			
Final Level After Pumping:		0.0			
Recommended Pump Depth:		50.0			
Pumping Rate:		105.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Water Details</u>					
Water ID:		933488170			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		58.0			
Water Found Depth UOM:		ft			
14	1 of 1	S/173.0	124.9 / 2.08	lot 22 con 9 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	1533386			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:				Data Src:	1
Final Well Status:	Water Supply			Date Received:	12/19/2002
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:	246359			Contractor:	2558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1533386.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	11/01/2002				
Year Completed:	2002				
Depth (m):	18.288				
Latitude:	45.2397967911301				
Longitude:	-75.9121494041695				
X:	-75.91214924267338				
Y:	45.239796784662325				
Path:	153\1533386.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10530133			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428409.20
Code OB Desc:				North83:	5009994.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	11/01/2002			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Location Method Desc:	Lot centroid				
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:	932880981				
Layer:	5				
Color:	8				
General Color:	BLACK				
Material 1:	15				
Material 1 Desc:	LIMESTONE				
Material 2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		54.0			
Formation End Depth:		60.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932880978			
Layer:		2			
Color:					
General Color:					
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		12.0			
Formation End Depth:		19.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932880979			
Layer:		3			
Color:		8			
General Color:		BLACK			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		19.0			
Formation End Depth:		52.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932880977			
Layer:		1			
Color:					
General Color:					
Material 1:		05			
Material 1 Desc:		CLAY			
Material 2:		26			
Material 2 Desc:		ROCK			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		12.0			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932880980			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		4			
Color:		8			
General Color:		BLACK			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		52.0			
Formation End Depth:		54.0			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933230448			
Layer:		1			
Plug From:		0.0			
Plug To:		26.0			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961533386			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		11078703			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930096850			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991533386			
Pump Set At:					
Static Level:		11.0			
Final Level After Pumping:		11.0			
Recommended Pump Depth:		35.0			
Pumping Rate:		60.0			
Flowing Rate:					
Recommended Pump Rate:		7.0			
Levels UOM:		ft			
Rate UOM:		GPM			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State After Test Code:	2				
Water State After Test:	CLOUDY				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934664280				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	11.0				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934120146				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	11.0				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934912405				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	11.0				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934395000				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	11.0				
Test Level UOM:	ft				
 <u>Water Details</u>					
Water ID:	934022842				
Layer:	1				
Kind Code:	5				
Kind:	Not stated				
Water Found Depth:	53.0				
Water Found Depth UOM:	ft				
15	1 of 1	SW/174.2	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:	1518633			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	11/24/1983
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation (m):			County:	OTTAWA-CARLETON	
Elevatn Reliabilty:			Lot:	022	
Depth to Bedrock:			Concession:	09	
Well Depth:			Concession Name:	CON	
Overburden/Bedrock:			Easting NAD83:		
Pump Rate:			Northing NAD83:		
Static Water Level:			Zone:		
Clear/Cloudy:			UTM Reliability:		
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518633.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		10/05/1983			
Year Completed:		1983			
Depth (m):		45.72			
Latitude:		45.2400317083216			
Longitude:		-75.9131660897686			
X:		-75.91316592860647			
Y:		45.240031701567354			
Path:		151\1518633.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10040503		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		10/05/1983		UTMRC Desc:	
Remarks:				Location Method:	
Location Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931039031			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		78			
Material 2 Desc:		MEDIUM-GRAINED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		48.0			
Formation End Depth:		150.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931039029			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:		79			
Material 3 Desc:		PACKED			
Formation Top Depth:		0.0			
Formation End Depth:		9.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931039030			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		13			
Material 3 Desc:		BOULDERS			
Formation Top Depth:		9.0			
Formation End Depth:		48.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961518633			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589073			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930070700			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		50.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930070701			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		150.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		991518633			
Pump Set At:					
Static Level:		15.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:		90.0			
Pumping Rate:		10.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103945			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934899470			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934379950			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		50.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934649931			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		50.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933475385			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		140.0			
Water Found Depth UOM:		ft			
16	1 of 1	NW/182.6	122.9 / 0.08	lot 22 con 9 ON	WWIS
Well ID:	1502583			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	02/20/1962
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3114
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502583.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	04/28/1961				
Year Completed:	1961				
Depth (m):	40.2336				
Latitude:	45.2427409305464				
Longitude:	-75.9131967519472				
X:	-75.91319659056211				
Y:	45.24274092420846				
Path:	150\1502583.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10024626			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428330.70
Code OB Desc:				North83:	5010322.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	04/28/1961			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Location Method Desc:	Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930994842			
Layer:		1			
Color:					
General Color:					
Material 1:		02			
Material 1 Desc:		TOPSOIL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		18.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		930994843			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		18.0			
Formation End Depth:		132.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961502583			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573196			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930042032			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930042033			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		132.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991502583			
Pump Set At:					
Static Level:		14.0			
Final Level After Pumping:		17.0			
Recommended Pump Depth:		25.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933455382			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		132.0			
Water Found Depth UOM:		ft			

17	1 of 1	S/234.7	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:	1502582			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	05/25/1961
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	4824
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Clear/Cloudy:		UTM Reliability:			
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502582.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		01/31/1961			
Year Completed:		1961			
Depth (m):		19.812			
Latitude:		45.2392389186162			
Longitude:		-75.9121213658246			
X:		-75.91212120541165			
Y:		45.239238912127114			
Path:		150\1502582.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10024625		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428410.70
Code OB Desc:				North83:	5009932.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:		01/31/1961		UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Location Method Desc:		Original Pre1985 UTM Rel Code 5: margin of error : 100 m - 300 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930994840			
Layer:		1			
Color:					
General Color:					
Material 1:		11			
Material 1 Desc:		GRAVEL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		25.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930994841			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		25.0			
Formation End Depth:		65.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961502582			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573195			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930042030			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		25.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930042031			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		65.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991502582			
Pump Set At:					
Static Level:		18.0			
Final Level After Pumping:		20.0			
Recommended Pump Depth:		20.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		No			
Water Details					
Water ID:		933455381			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		65.0			
Water Found Depth UOM:		ft			
18	1 of 1	S/234.8	124.9 / 2.08	ON	BORE
Borehole ID:		609450		Inclin FLG:	No
OGF ID:		215511066		SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:		Borehole		Piezometer:	No
Use:				Primary Name:	
Completion Date:		JAN-1961		Municipality:	
Static Water Level:		-2.4		Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.239238
Total Depth m:		19.8		Longitude DD:	-75.912121
Depth Ref:		Ground Surface		UTM Zone:	18
Depth Elev:				Easting:	428411
Drill Method:				Northing:	5009932
Orig Ground Elev m:		125		Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:		126			
Concession:					
Location D:					
Survey D:					
Comments:					
Borehole Geology Stratum					
Geology Stratum ID:		218383255		Mat Consistency:	
Top Depth:		0		Material Moisture:	
Bottom Depth:		7.6		Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:		Gravel		Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		GRAVEL.			
Geology Stratum ID:		218383256		Mat Consistency:	
Top Depth:		7.6		Material Moisture:	
Bottom Depth:		19.8		Material Texture:	
Material Color:		Grey		Non Geo Mat Type:	
Material 1:		Limestone		Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		LIMESTONE. GREY. 00065. 00040E AT 418.0 FEET. 17500. 00106 SEISMIC VELOCITY = 1 **Note: Many records provided by the department have a truncated [Stratum Description] field.			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Source</u>					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:				Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 01958 NTS_Sheet:				
Confiden 1:					
<u>Source List</u>					
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	S/235.1	124.9 / 2.08	lot 22 con 9 ON	WWIS
Well ID:	1513858			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Domestic			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Water Supply			Date Received:	02/11/1974
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	4847
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1513858.pdf				
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	11/29/1973				
Year Completed:	1973				
Depth (m):	21.336				
Latitude:	45.2392425805724				
Longitude:	-75.9116627470743				
X:	-75.91166258596598				
Y:	45.23924257455352				
Path:	151\1513858.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10035840			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB:				East83:	428446.70
Code OB Desc:				North83:	5009932.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	11/29/1973			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Location Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931024658			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		23.0			
Formation End Depth:		70.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931024657			
Layer:		1			
Color:					
General Color:					
Material 1:		31			
Material 1 Desc:		COARSE GRAVEL			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		23.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961513858			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10584410			
Casing No:		1			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930063359			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		23.0			
Casing Diameter:		4.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		991513858			
Pump Set At:					
Static Level:		14.0			
Final Level After Pumping:		18.0			
Recommended Pump Depth:		45.0			
Pumping Rate:		5.0			
Flowing Rate:					
Recommended Pump Rate:		5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934380289			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		16.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934898752			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		18.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934099632			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		15.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934641281			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		45			
Test Level:		17.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933469597			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		50.0			
Water Found Depth UOM:		ft			
20	1 of 4	S/245.2	125.7 / 2.92	lot 22 con 9 ON	WWIS
Well ID:		1516553		Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:		Domestic		Data Entry Status:	
Use 2nd:		0		Data Src:	1
Final Well Status:		Water Supply		Date Received:	07/12/1978
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	3644
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1516553.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		05/10/1978			
Year Completed:		1978			
Depth (m):		31.6992			
Latitude:		45.2391418470722			
Longitude:		-75.9118777333128			
X:		-75.91187757161556			
Y:		45.23914184013863			
Path:		151\1516553.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10038464		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428429.70
Code OB Desc:				North83:	5009921.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:		05/10/1978		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Location Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931032488			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		29.0			
Formation End Depth:		104.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931032487			
Layer:		1			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		12			
Material 2 Desc:		STONES			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		0.0			
Formation End Depth:		29.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961516553			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10587034			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930067589			
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:		32.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991516553			
Pump Set At:					
Static Level:		15.0			
Final Level After Pumping:		60.0			
Recommended Pump Depth:		60.0			
Pumping Rate:		7.0			
Flowing Rate:					
Recommended Pump Rate:		6.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934380901			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934641992			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934899894			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934101187			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933472880			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		104.0			
Water Found Depth UOM:		ft			

20	2 of 4	S/245.2	125.7 / 2.92	lot 22 con 9 ON	WWIS
Well ID:	1517928			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:	10/05/1982
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1517928.pdf			

Additional Detail(s) (Map)

Well Completed Date:	05/20/1982
Year Completed:	1982
Depth (m):	33.528
Latitude:	45.2391418470722
Longitude:	-75.9118777333128
X:	-75.91187757161556
Y:	45.23914184013863
Path:	151\1517928.pdf

Bore Hole Information

Bore Hole ID:	10039799	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	428429.70
Code OB Desc:		North83:	5009921.00
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	05/20/1982	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931036779			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:		79			
Material 3 Desc:		PACKED			
Formation Top Depth:		24.0			
Formation End Depth:		25.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931036780			
Layer:		3			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		78			
Material 2 Desc:		MEDIUM-GRAINED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		25.0			
Formation End Depth:		110.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931036778			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		79			
Material 3 Desc:		PACKED			
Formation Top Depth:		0.0			
Formation End Depth:		24.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961517928			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10588369			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No: Comment: Alt Name:		1			
<u>Construction Record - Casing</u>					
Casing ID:		930069504			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		110.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930069503			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		27.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991517928			
Pump Set At:					
Static Level:		4.0			
Final Level After Pumping:		22.0			
Recommended Pump Depth:		80.0			
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:		934377168			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		22.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103118			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		22.0			

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:		934647003			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		22.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934896695			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		22.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933474526			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		93.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933474527			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		101.0			
Water Found Depth UOM:		ft			
20	3 of 4	S/245.2	125.7 / 2.92	lot 22 con 9 ON	WWIS
Well ID:	1518642			Flowing (Y/N):	
Construction Date:				Flow Rate:	
Use 1st:	Industrial			Data Entry Status:	
Use 2nd:	0			Data Src:	1
Final Well Status:	Test Hole			Date Received:	11/23/1983
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:	GOULBOURN TOWNSHIP				
Site Info:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518642.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:	10/27/1983				
Year Completed:	1983				
Depth (m):	50.292				
Latitude:	45.2391418470722				
Longitude:	-75.9118777333128				
X:	-75.91187757161556				
Y:	45.23914184013863				
Path:	151\1518642.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10040512			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428429.70
Code OB Desc:				North83:	5009921.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	10/27/1983			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Location Method Desc:	Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m				
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931039063				
Layer:	3				
Color:	2				
General Color:	GREY				
Material 1:	28				
Material 1 Desc:	SAND				
Material 2:	11				
Material 2 Desc:	GRAVEL				
Material 3:	79				
Material 3 Desc:	PACKED				
Formation Top Depth:	35.0				
Formation End Depth:	39.0				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931039062				
Layer:	2				
Color:	2				
General Color:	GREY				
Material 1:	28				
Material 1 Desc:	SAND				
Material 2:	79				
Material 2 Desc:	PACKED				
Material 3:					
Material 3 Desc:					
Formation Top Depth:	16.0				
Formation End Depth:	35.0				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931039061			
Layer:		1			
Color:		6			
General Color:		BROWN			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		11			
Material 2 Desc:		GRAVEL			
Material 3:		13			
Material 3 Desc:		BOULDERS			
Formation Top Depth:		0.0			
Formation End Depth:		16.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931039064			
Layer:		4			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:					
Material 2 Desc:					
Material 3:					
Material 3 Desc:					
Formation Top Depth:		39.0			
Formation End Depth:		165.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961518642			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589082			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930070718			
Layer:		2			
Material:		3			
Open Hole or Material:		CONCRETE			
Depth From:					
Depth To:		165.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930070717			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		43.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		PUMP			
Pump Test ID:		991518642			
Pump Set At:					
Static Level:		18.0			
Final Level After Pumping:		60.0			
Recommended Pump Depth:					
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:		934649940			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103954			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934379959			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934899479			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		60			
Test Level:		60.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475400			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		162.0			
Water Found Depth UOM:		ft			
20	4 of 4	S/245.2	125.7 / 2.92	lot 22 con 9 ON	WWIS
Well ID:		1519071		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:	08/07/1984
Water Type:				Selected Flag:	TRUE
Casing Material:				Abandonment Rec:	
Audit No:				Contractor:	1558
Tag:				Form Version:	1
Constructn Method:				Owner:	
Elevation (m):				County:	OTTAWA-CARLETON
Elevatn Reliabilty:				Lot:	022
Depth to Bedrock:				Concession:	09
Well Depth:				Concession Name:	CON
Overburden/Bedrock:				Easting NAD83:	
Pump Rate:				Northing NAD83:	
Static Water Level:				Zone:	
Clear/Cloudy:				UTM Reliability:	
Municipality:		GOULBOURN TOWNSHIP			
Site Info:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519071.pdf			
<u>Additional Detail(s) (Map)</u>					
Well Completed Date:		07/18/1984			
Year Completed:		1984			
Depth (m):		45.72			
Latitude:		45.2391418470722			
Longitude:		-75.9118777333128			
X:		-75.91187757161556			
Y:		45.23914184013863			
Path:		151\1519071.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10040941		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	428429.70
Code OB Desc:				North83:	5009921.00
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:		07/18/1984		UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Location Method Desc:		Original Pre1985 UTM Rel Code 4: margin of error : 30 m - 100 m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931040508			
Layer:		1			
Color:		2			
General Color:		GREY			
Material 1:		28			
Material 1 Desc:		SAND			
Material 2:		13			
Material 2 Desc:		BOULDERS			
Material 3:		79			
Material 3 Desc:		PACKED			
Formation Top Depth:		0.0			
Formation End Depth:		25.0			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931040509			
Layer:		2			
Color:		2			
General Color:		GREY			
Material 1:		15			
Material 1 Desc:		LIMESTONE			
Material 2:		78			
Material 2 Desc:		MEDIUM-GRAINED			
Material 3:					
Material 3 Desc:					
Formation Top Depth:		25.0			
Formation End Depth:		150.0			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961519071			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10589511			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930071473			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:		150.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930071472			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		28.0			
Casing Diameter:		6.0			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pumping Test Method Desc:		BAILER			
Pump Test ID:		991519071			
Pump Set At:					
Static Level:		12.0			
Final Level After Pumping:		50.0			
Recommended Pump Depth:		75.0			
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:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934651610			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		50.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934901139			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		50.0			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381632			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		40.0			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934106891			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		25.0			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475947			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		95.0			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933475948			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		146.0			
Water Found Depth UOM:		ft			

Unplottable Summary

Total: 38 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
CA	Monarch Corporation		Ottawa ON	
CA	1384341 Ontario Ltd.		Ottawa ON	
CA	Monarch Corporation		Ottawa ON	
CA	Monarch Corporation		Ottawa ON	
CA	1384341 Ontario Ltd. and Monarch Corporation		Ottawa ON	
CA	Monarch Corporation		Ottawa ON	
CA	Monarch Corporation		Ottawa ON	
CA	Monarch Corporation		Ottawa ON	
CA	Monarch Corporation		Ottawa ON	
CA	1384341 Ontario Ltd.		Ottawa ON	
CA	Monarch Corporation		Ottawa ON	
CA	Monarch Corporation		Ottawa ON	
CA	Monarch Construction Limited		Ottawa ON	
CA	1384341 Ontario Ltd.		Ottawa ON	
CA	Monarch Construction Limited		Ottawa ON	
CA	1048219 ONTARIO INC.	WEST RIDGE ESTATES, SWM POND	GOULBOURN TWP. ON	
CA	M. HOLITZNER LIMITED	RR #5 (MAIN ST.)	GOULBOURN TWP. ON	
CA	M. HOLITZNER LIMITED	RR #5 (MAIN ST.)	GOULBOURN TWP. ON	
CA	Monarch Corporation	Ref. Plan 4M-1423	Ottawa ON	

CA	1384341 Ontario Ltd. and Monarch Corporation		Ottawa ON
CA	Monarch Corporation		Ottawa ON
CA	Monarch Construction Limited		Ottawa ON
CA	Monarch Corporation		Ottawa ON
CA	Monarch Corporation		Ottawa ON
CA	Monarch Corporation		Ottawa ON
CA	Monarch Corporation		Ottawa ON
CA	1384341 Ontario Ltd.		Ottawa ON
CA	Monarch Corporation		Ottawa ON
CA	Monarch Corporation	Ref. Plan 4M-1423	Ottawa ON
EBR	Stittsville South Inc.	Lots 22-24, Concession 9 Geographic Township of Goulbourn CITY OF OTTAWA	ON
EHS		Hartsmere Drive	Stittsville ON
GEN	OTTAWA-CARLTON (OUT OF BUSINESS)	REGIONAL ROAD #5 AT STITTSVILLE VILLAGE	OTTAWA ON
PTTW	Monarch Construction Limited		ON
SPL	CP BULK SYSTEMS	STITTSVILLE MAIN ST. ESSO SERVICE STATION TANK TRUCK (CARGO)	GOULBOURN TWP. ON
WWIS		lot 22	ON
WWIS		lot 23	ON
WWIS		con 9	ON
WWIS		lot 23	ON

Unplottable Report

Site: Monarch Corporation
Ottawa ON

Database:
CA

Certificate #: 6172-6UAPRG
Application Year: 2006
Issue Date: 10/6/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: 1384341 Ontario Ltd.
Ottawa ON

Database:
CA

Certificate #: 5816-7G6L4M
Application Year: 2008
Issue Date: 8/27/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Monarch Corporation
Ottawa ON

Database:
CA

Certificate #: 5532-6YKSFB
Application Year: 2007
Issue Date: 2/22/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Monarch Corporation
Ottawa ON

Database:
CA

Certificate #: 4939-7GMPLQ
Application Year: 2008

Issue Date: 7/18/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: 1384341 Ontario Ltd. and Monarch Corporation
Ottawa ON

Database:
CA

Certificate #: 4663-7JUJPT
Application Year: 2008
Issue Date: 9/26/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Monarch Corporation
Ottawa ON

Database:
CA

Certificate #: 4408-875LTY
Application Year: 2010
Issue Date: 7/21/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Monarch Corporation
Ottawa ON

Database:
CA

Certificate #: 4104-7MTPXW
Application Year: 2009
Issue Date: 1/6/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Monarch Corporation
Ottawa ON

Database:
CA

Certificate #: 3859-7DCH8J
Application Year: 2008
Issue Date: 4/4/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Monarch Corporation
Ottawa ON

Database:
CA

Certificate #: 3662-6ZJLXB
Application Year: 2007
Issue Date: 3/25/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: 1384341 Ontario Ltd.
Ottawa ON

Database:
CA

Certificate #: 3537-78FQCU
Application Year: 2007
Issue Date: 10/30/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Monarch Corporation
Ottawa ON

Database:
CA

Certificate #: 2511-8BFKF5
Application Year: 2010
Issue Date: 11/30/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:

Contaminants:
Emission Control:

Site: Monarch Corporation
Ottawa ON

Database:
CA

Certificate #: 1468-6D6PCA
Application Year: 2005
Issue Date: 6/10/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Monarch Construction Limited
Ottawa ON

Database:
CA

Certificate #: 1356-63ZS64
Application Year: 2004
Issue Date: 8/24/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: 1384341 Ontario Ltd.
Ottawa ON

Database:
CA

Certificate #: 0963-777MHJ
Application Year: 2007
Issue Date: 9/20/2007
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Monarch Construction Limited
Ottawa ON

Database:
CA

Certificate #: 0872-628JJA
Application Year: 2004
Issue Date: 8/5/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:

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

Site: 1048219 ONTARIO INC.
WEST RIDGE ESTATES, SWM POND GOULBOURN TWP. ON

Database:
CA

Certificate #: 3-0655-99-
Application Year: 99
Issue Date: 6/21/1999
Approval Type: Municipal sewage
Status: Preliminary approval
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: M. HOLITZNER LIMITED
RR #5 (MAIN ST.) GOULBOURN TWP. ON

Database:
CA

Certificate #: 7-1093-92-
Application Year: 92
Issue Date: 10/21/1992
Approval Type: Municipal water
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: M. HOLITZNER LIMITED
RR #5 (MAIN ST.) GOULBOURN TWP. ON

Database:
CA

Certificate #: 3-1408-92-
Application Year: 92
Issue Date: 10/21/1992
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Monarch Corporation
Ref. Plan 4M-1423 Ottawa ON

Database:
CA

Certificate #: 2228-8EYRE3

Application Year: 2011
Issue Date: 3/28/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: 1384341 Ontario Ltd. and Monarch Corporation
Ottawa ON

Database:
CA

Certificate #: 9853-7NAUTA
Application Year: 2009
Issue Date: 1/16/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Monarch Corporation
Ottawa ON

Database:
CA

Certificate #: 6624-7SGSQE
Application Year: 2009
Issue Date: 5/29/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Monarch Construction Limited
Ottawa ON

Database:
CA

Certificate #: 6736-5WNVV
Application Year: 2004
Issue Date: 3/2/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Monarch Corporation**
 Ottawa ON

Database:
CA

Certificate #: 6872-6FHQN2
Application Year: 2005
Issue Date: 8/29/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Monarch Corporation**
 Ottawa ON

Database:
CA

Certificate #: 7843-6RLJ6M
Application Year: 2006
Issue Date: 7/14/2006
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Monarch Corporation**
 Ottawa ON

Database:
CA

Certificate #: 8421-7WKLTJ
Application Year: 2009
Issue Date: 10/8/2009
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **Monarch Corporation**
 Ottawa ON

Database:
CA

Certificate #: 8696-6DTPY6
Application Year: 2005
Issue Date: 6/30/2005
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:

Project Description:
Contaminants:
Emission Control:

Site: 1384341 Ontario Ltd.
Ottawa ON

Database:
CA

Certificate #: 9066-82RRHB
Application Year: 2010
Issue Date: 2/23/2010
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Monarch Corporation
Ottawa ON

Database:
CA

Certificate #: 9615-7GFP2Z
Application Year: 2008
Issue Date: 7/28/2008
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Monarch Corporation
Ref. Plan 4M-1423 Ottawa ON

Database:
CA

Certificate #: 5929-8E3LXZ
Application Year: 2011
Issue Date: 2/23/2011
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: Stittsville South Inc.
Lots 22-24, Concession 9 Geographic Township of Goulbourn CITY OF OTTAWA ON

Database:
EBR

EBR Registry No: 012-4520
Ministry Ref No: MNRF INST 57/15
Notice Type: Instrument Decision
Notice Stage:
Notice Date: December 16, 2015
Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:

Proposal Date: July 03, 2015
Year: 2015
Instrument Type: (ESA s.17(2) (c)) - Permit for activities with conditions to achieve overall benefit to the species
Off Instrument Name:
Posted By:
Company Name: Stittsville South Inc.
Site Address:
Location Other:
Proponent Name:
Proponent Address: 1737 Woodward Drive, Ottawa Ontario, Canada K2C 0P9
Comment Period:
URL:

Site Location Map:

Site Location Details:

Lots 22-24, Concession 9 Geographic Township of Goulbourn CITY OF OTTAWA

Site: **Hartsmere Drive Stittsville ON** **Database:** **EHS**

Order No: 20091027033
Status: C
Report Type: Standard Report
Report Date: 11/5/2009
Date Received: 10/27/2009
Previous Site Name:
Lot/Building Size: 6.95 acres
Additional Info Ordered:

Nearest Intersection: Cherry
Municipality: Ottawa
Client Prov/State: QC
Search Radius (km): 0.25
X: -75.905835
Y: 45.248288

Site: **OTTAWA-CARLTON (OUT OF BUSINESS)** **Database:** **GEN**
REGIONAL ROAD #5 AT STITTSVILLE VILLAGE OTTAWA ON

Generator No: ON0303102
SIC Code: 8351
SIC Description: EXEC./LEGIS. ADMIN.
Approval Years: 98
PO Box No:
Country:
Status:
Co Admin:
Choice of Contact:
Phone No Admin:
Contaminated Facility:
MHSW Facility:

Detail(s)

Waste Class: 213
Waste Class Name: PETROLEUM DISTILLATES

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

Site: **Monarch Construction Limited** **Database:** **PTTW**
ON

EBR Registry No: 010-9847
Ministry Ref No: 1376-84RLVW
Notice Type: Instrument Decision
Notice Stage:
Notice Date: December 02, 2014
Proposal Date: June 28, 2010
Year: 2010
Instrument Type: (OWRA s. 34) - Permit to Take Water

Decision Posted:
Exception Posted:
Section:
Act 1:
Act 2:
Site Location Map:

Off Instrument Name:**Posted By:****Company Name:** Monarch Construction Limited**Site Address:****Location Other:****Proponent Name:****Proponent Address:** 3584 Jockvale Road, Nepean Ontario, K2G 3H2**Comment Period:****URL:****Site Location Details:**

Monarch Corporation Address: Lot: 7-10, Concession: 2, Ottawa, City District Office: Ottawa GeoReference: Map Datum: NAD83, Zone: 18, Accuracy Estimate: 10 -100 metres eg. Topographic Map, Method: GIS Software, UTM Easting: 442618, UTM Northing: 5010739 NEPEAN

Site: CP BULK SYSTEMS

STITTSVILLE MAIN ST. ESSO SERVICE STATION TANK TRUCK (CARGO) GOULBOURN TWP. ON

Database:

SPL

Ref No: 32340**Municipality No:** 20604**Year:****Nature of Damage:****Incident Dt:** 3/20/1990**Discharger Report:****Dt MOE Arvl on Scn:****Material Group:****MOE Reported Dt:** 3/20/1990**Health/Env Conseq:****Dt Document Closed:****Agency Involved:****Site No:****MOE Response:****Site County/District:****Site Geo Ref Meth:****Site District Office:****Nearest Watercourse:****Site Name:****Site Address:****Site Region:****Site Municipality:** GOULBOURN TWP.**Site Lot:****Site Conc:****Site Geo Ref Accu:****Site Map Datum:****Northing:****Easting:****Incident Cause:** CONTAINER OVERFLOW**Incident Event:****Environment Impact:** NOT ANTICIPATED**Nature of Impact:****Contaminant Qty:****System Facility Address:****Client Name:****Client Type:****Source Type:****Contaminant Code:****Contaminant Name:****Contaminant Limit 1:****Contam Limit Freq 1:****Contaminant UN No 1:****Receiving Medium:** LAND**Incident Reason:** ERROR**Incident Summary:** CP BULK SYSTEMS-MAX200 L.GASOLINE TO GROUND FROM UND-GROUND TANK, DELIVERY**Activity Preceding Spill:****Property 2nd Watershed:****Property Tertiary Watershed:****Sector Type:****SAC Action Class:****Call Report Locatn Geodata:****Site:**

lot 22 ON

Database:

WWIS

Well ID: 1525843
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 91580
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GOULBOURN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 11/22/1991
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 022
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047578
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 10/15/1991
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931062452
Layer: 1
Color: 6
General Color: BROWN
Material 1: 14
Material 1 Desc: HARDPAN
Material 2: 26
Material 2 Desc: ROCK
Material 3:
Material 3 Desc:
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931062453
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE

Material 2: 73
Material 2 Desc: HARD
Material 3: 78
Material 3 Desc: MEDIUM-GRAINED
Formation Top Depth: 4.0
Formation End Depth: 110.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933111394
Layer: 1
Plug From: 4.0
Plug To: 22.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961525843
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10596148
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083288
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

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991525843
Pump Set At:
Static Level: 38.0
Final Level After Pumping: 70.0
Recommended Pump Depth: 105.0
Pumping Rate: 7.0
Flowing Rate:
Recommended Pump Rate: 7.0
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

Draw Down & Recovery

Pump Test Detail ID: 934649815
Test Type: Draw Down
Test Duration: 45
Test Level: 70.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389285
Test Type: Draw Down
Test Duration: 30
Test Level: 69.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105628
Test Type: Draw Down
Test Duration: 15
Test Level: 58.0
Test Level UOM: ft

Water Details

Water ID: 933484966
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 83.0
Water Found Depth UOM: ft

Water Details

Water ID: 933484967
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 103.0
Water Found Depth UOM: ft

Site:
lot 23 ON

Database:
WWIS

Well ID: 1528156
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 147502
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GOULBOURN TOWNSHIP
Site Info:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 09/27/1994
Selected Flag: TRUE
Abandonment Rec:
Contractor: 4006
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 023
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10049695	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	08/03/1994	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock**Materials Interval**

Formation ID:	931068759
Layer:	3
Color:	8
General Color:	BLACK
Material 1:	17
Material 1 Desc:	SHALE
Material 2:	71
Material 2 Desc:	FRACTURED
Material 3:	
Material 3 Desc:	
Formation Top Depth:	35.0
Formation End Depth:	38.0
Formation End Depth UOM:	ft

Overburden and Bedrock**Materials Interval**

Formation ID:	931068757
Layer:	1
Color:	6
General Color:	BROWN
Material 1:	02
Material 1 Desc:	TOPSOIL
Material 2:	28
Material 2 Desc:	SAND
Material 3:	
Material 3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	3.0
Formation End Depth UOM:	ft

Overburden and Bedrock**Materials Interval**

Formation ID:	931068760
Layer:	4
Color:	2
General Color:	GREY
Material 1:	15
Material 1 Desc:	LIMESTONE
Material 2:	78
Material 2 Desc:	MEDIUM-GRAINED
Material 3:	71
Material 3 Desc:	FRACTURED
Formation Top Depth:	38.0

Formation End Depth: 44.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931068762
Layer: 6
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 73
Material 2 Desc: HARD
Material 3:
Material 3 Desc:
Formation Top Depth: 50.0
Formation End Depth: 120.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931068761
Layer: 5
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 78
Material 2 Desc: MEDIUM-GRAINED
Material 3:
Material 3 Desc:
Formation Top Depth: 44.0
Formation End Depth: 50.0
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931068758
Layer: 2
Color: 3
General Color: BLUE
Material 1: 05
Material 1 Desc: CLAY
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 3.0
Formation End Depth: 35.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933113011
Layer: 1
Plug From: 5.0
Plug To: 50.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961528156
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10598265
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930086853
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 50.0
Casing Diameter: 10.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930086855
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 120.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930086854
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 50.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991528156
Pump Set At:
Static Level: 4.0
Final Level After Pumping: 79.0
Recommended Pump Depth: 100.0
Pumping Rate: 5.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0

Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934387221
Test Type:
Test Duration: 30
Test Level: 31.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934656549
Test Type:
Test Duration: 45
Test Level: 52.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905341
Test Type:
Test Duration: 60
Test Level: 79.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112412
Test Type:
Test Duration: 15
Test Level: 79.0
Test Level UOM: ft

Water Details

Water ID: 933487744
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 72.0
Water Found Depth UOM: ft

Water Details

Water ID: 933487745
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 114.0
Water Found Depth UOM: ft

Site:
con 9 ON

Database:
[WWIS](#)

Well ID: 1531195
Construction Date:
Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 208616
Tag:

Flowing (Y/N):
Flow Rate:
Data Entry Status:
Data Src: 1
Date Received: 07/17/2000
Selected Flag: TRUE
Abandonment Rec:
Contractor: 1558
Form Version: 1

Constructn Method:
Elevation (m):
Elevatn Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GOULBOURN TOWNSHIP
Site Info:

Owner:
County: OTTAWA-CARLETON
Lot:
Concession: 09
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10052729
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 06/21/2000
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock
Materials Interval

Formation ID: 931077796
Layer: 2
Color: 6
General Color: BROWN
Material 1: 17
Material 1 Desc: SHALE
Material 2: 85
Material 2 Desc: SOFT
Material 3:
Material 3 Desc:
Formation Top Depth: 8.0
Formation End Depth: 12.0
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931077795
Layer: 1
Color: 6
General Color: BROWN
Material 1: 28
Material 1 Desc: SAND
Material 2: 11
Material 2 Desc: GRAVEL
Material 3: 68
Material 3 Desc: DRY
Formation Top Depth: 0.0
Formation End Depth: 8.0
Formation End Depth UOM: ft

Overburden and Bedrock

Materials Interval

Formation ID: 931077797
Layer: 3
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2:
Material 2 Desc:
Material 3:
Material 3 Desc:
Formation Top Depth: 12.0
Formation End Depth: 85.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933116369
Layer: 1
Plug From: 0.0
Plug To: 21.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961531195
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10601299
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930092185
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930092184
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: PUMP
Pump Test ID: 991531195
Pump Set At:
Static Level: 5.0
Final Level After Pumping: 50.0
Recommended Pump Depth: 61.0
Pumping Rate: 20.0
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:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934121157
Test Type: Draw Down
Test Duration: 15
Test Level: 83.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934913422
Test Type: Draw Down
Test Duration: 60
Test Level: 50.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934396568
Test Type: Draw Down
Test Duration: 30
Test Level: 75.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934665294
Test Type: Draw Down
Test Duration: 45
Test Level: 50.0
Test Level UOM: ft

Water Details

Water ID: 933491558
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 73.0
Water Found Depth UOM: ft

Site:
lot 23 ON

Database:
[WWIS](#)

Well ID: 1525460
Construction Date:

Flowing (Y/N):
Flow Rate:

Use 1st: Domestic
Use 2nd:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 91548
Tag:
Constructn Method:
Elevation (m):
Elevatn Reliabilty:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Clear/Cloudy:
Municipality: GOULBOURN TOWNSHIP
Site Info:

Data Entry Status:
Data Src: 1
Date Received: 06/14/1991
Selected Flag: TRUE
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
County: OTTAWA-CARLETON
Lot: 023
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047198
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 05/13/1991
Remarks:
Location Method Desc: Not Applicable i.e. no UTM
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation:
Elevrc:
Zone: 18
East83:
North83:
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: na

Overburden and Bedrock Materials Interval

Formation ID: 931061218
Layer: 2
Color: 2
General Color: GREY
Material 1: 15
Material 1 Desc: LIMESTONE
Material 2: 73
Material 2 Desc: HARD
Material 3: 78
Material 3 Desc: MEDIUM-GRAINED
Formation Top Depth: 4.0
Formation End Depth: 105.0
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

Formation ID: 931061217
Layer: 1
Color: 6
General Color: BROWN
Material 1: 05
Material 1 Desc: CLAY
Material 2: 12
Material 2 Desc: STONES
Material 3: 14

Material 3 Desc: HARDPAN
Formation Top Depth: 0.0
Formation End Depth: 4.0
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933111214
Layer: 1
Plug From: 0.0
Plug To: 7.0
Plug Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933111215
Layer: 2
Plug From: 7.0
Plug To: 21.0
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961525460
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10595768
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082637
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 105.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930082636
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 21.0
Casing Diameter: 6.0
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pumping Test Method Desc: BAILER
Pump Test ID: 991525460
Pump Set At:
Static Level: 6.0
Final Level After Pumping: 85.0
Recommended Pump Depth: 95.0
Pumping Rate: 10.0
Flowing Rate:
Recommended Pump Rate: 5.0
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934112283
Test Type: Draw Down
Test Duration: 15
Test Level: 35.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905824
Test Type: Draw Down
Test Duration: 60
Test Level: 85.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648644
Test Type: Draw Down
Test Duration: 45
Test Level: 75.0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387687
Test Type: Draw Down
Test Duration: 30
Test Level: 55.0
Test Level UOM: ft

Water Details

Water ID: 933484459
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 101.0
Water Found Depth UOM: ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

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

Government Publication Date: Up to Nov 2023

Abandoned Mine Information System:

Provincial

[AMIS](#)

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

Government Publication Date: 1800-Mar 2022

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

[AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

[AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Apr 30, 2024

Borehole:

Provincial

[BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:

Provincial CA

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:

Federal CDRY

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

Government Publication Date: Jan 2004-Dec 2022

Commercial Fuel Oil Tanks:

Provincial CFOT

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

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

Government Publication Date: Oct 2023

Chemical Manufacturers and Distributors:

Private CHEM

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:

Private CHM

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

Government Publication Date: 1999-Apr 30, 2024

Compressed Natural Gas Stations:

Private CNG

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

Government Publication Date: Dec 2012 -Nov 2023

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial COAL

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:

Provincial CONV

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

Government Publication Date: 1989-Mar 2024

Certificates of Property Use:

Provincial CPU

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

Government Publication Date: 1994 - Mar 31, 2024

Drill Hole Database:

Provincial

[DRL](#)

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

Government Publication Date: 1886 - Aug 2023

Delisted Fuel Tanks:

Provincial

[DTNK](#)

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

Government Publication Date: Oct 2023

Environmental Activity and Sector Registry:

Provincial

[EASR](#)

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

Government Publication Date: Oct 2011-Mar 31, 2024

Environmental Registry:

Provincial

[EBR](#)

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

Government Publication Date: 1994 - Mar 31, 2024

Environmental Compliance Approval:

Provincial

[ECA](#)

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

Government Publication Date: Oct 2011-Mar 31, 2024

Environmental Effects Monitoring:

Federal

[EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

[EHS](#)

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

Government Publication Date: 1999-Mar 31, 2024

Environmental Issues Inventory System:

Federal

[EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

EMHE

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

Government Publication Date: Apr 30, 2022

Environmental Penalty Annual Report:

Provincial

EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2022

List of Expired Fuels Safety Facilities:

Provincial

EXP

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

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

Government Publication Date: Oct 2023

Federal Convictions:

Federal

FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

FCS

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

Government Publication Date: Jun 2000-Mar 2024

Fisheries & Oceans Fuel Tanks:

Federal

FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal

FRST

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

Government Publication Date: Oct 31, 2021

Fuel Storage Tank:

Provincial

FST

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

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

Government Publication Date: Oct 2023

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

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

Government Publication Date: 1986-Oct 31, 2022

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2021

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: 31 Oct, 2023

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Mar 31, 2022

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Feb 2024

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2022

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Nov 2023

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Jun 30, 2021

National Energy Board Wells:

Federal

NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

[NEES](#)

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

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

Federal

[NPCB](#)

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

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

Federal

[NPR2](#)

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

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

Federal

[NPRI](#)

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

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

Private

[OGWE](#)

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

Government Publication Date: 1988-Feb 29, 2024**Ontario Oil and Gas Wells:**

Provincial

[OOGW](#)

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

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

Provincial

[OPCB](#)

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

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

Provincial

[ORD](#)

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

Government Publication Date: 1994 - Mar 31, 2024

Canadian Pulp and Paper:

Private

[PAP](#)

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

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

Parks Canada Fuel Storage Tanks:

Federal

[PCFT](#)

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial

[PES](#)

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

Government Publication Date: Oct 2011-Mar 31, 2024

NPRI Reporters - PFAS Substances:

Federal

[PFCH](#)

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

Government Publication Date: Sep 2020

Potential PFAS Handlers from NPRI:

Federal

[PFHA](#)

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

Government Publication Date: Sep 2020

Pipeline Incidents:

Provincial

[PINC](#)

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

Government Publication Date: Feb 28, 2021

Private and Retail Fuel Storage Tanks:

Provincial

[PRT](#)

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial

[PTTW](#)

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

Government Publication Date: 1994 - Mar 31, 2024

Ontario Regulation 347 Waste Receivers Summary:

Provincial

[REC](#)

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

Government Publication Date: 1986-1990, 1992-2021

Record of Site Condition:

Provincial

[RSC](#)

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

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

Retail Fuel Storage Tanks:

Private

[RST](#)

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

Government Publication Date: 1999-Apr 30, 2024

Scott's Manufacturing Directory:

Private

[SCT](#)

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial

[SPL](#)

List of spills and incidents made available by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests. This database includes spill incidents that occurred in Mar 2023-Dec 2023 and Jan 29, 2024-Feb 29, 2024 in addition to those listed in the Government Publication Date.

Government Publication Date: 1988-Jan 2023; see description

Wastewater Discharger Registration Database:

Provincial

[SRDS](#)

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

Government Publication Date: 1990-Dec 31, 2021

Anderson's Storage Tanks:

Private

[TANK](#)

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

[TCFT](#)

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

Government Publication Date: 1970 - Apr 2023

Variances for Abandonment of Underground Storage Tanks:

Provincial

[VAR](#)

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

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

Waste Disposal Sites - MOE CA Inventory:

Provincial

[WDS](#)

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

Government Publication Date: Oct 2011-Mar 31, 2024

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

[WDSH](#)

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

[WWIS](#)

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

Government Publication Date: Dec 31 2023

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX 3

QUALIFICATIONS OF ASSESSORS



PATERSON GROUP

solution oriented engineering



Adrian Menyhart, P.Eng., ing., QP_{esa} **Senior Project Manager**

Adrian received his Bachelor of Engineering from Carleton University in 2011, with a specialization in environmental engineering, and joined Paterson Group shortly after graduation. Over the next seven years, Adrian gained significant experience in all aspects of environmental engineering, beginning with field work and later, with reporting and project management. In 2018, Adrian joined the National Research Council as an environmental officer, working in the field of polyfluoroalkyl substances (PFAS) at the National Fire Laboratory. Following the National Research Council, Adrian returned to consulting at WSP Canada Inc. At WSP, Adrian assisted the Ottawa environmental group as a project manager, managing large and small federal environmental projects such as the investigations for the proposed Alexandra interprovincial bridge. Finally, after two years away, Adrian returned to Paterson Group as a senior project manager within the environmental department.

Adrian has filed multiple Records of Site Condition with the Ontario Ministry of the Environment, Conservation and Parks and is knowledgeable with respect to Ontario's On-site and Excess Soil Regulation. Adrian is also experienced with the Federal CCME environmental soil and groundwater standards. Fluently bilingual, Adrian holds engineering licenses in both Ontario and Quebec, as well as being a Qualified Person in the Province of Ontario.

EDUCATION

B.Eng. 2011, Environmental Engineering,
Carleton University, Ottawa, ON

LICENCE/PROFESSIONAL AFFILIATIONS

Ordre des Ingénieurs du Québec

Professional Engineers of Ontario

Ottawa Geotechnical Group

YEARS OF EXPERIENCE

Paterson Group
2020-Present

WSP Canada Inc.
2019-2020

National Research Council
2018-2019

Paterson Group
2011 – 2018

OFFICE LOCATION

9 Auriga Drive, Ottawa, Ontario, K2E 7T9

SELECT LIST OF PROJECTS

- Arcadis/CLC/PSPC, Phase I and Phase II ESA of Tunney's Pasture complex (multiple blocks).
- Pomerleau, Alexandra Bridge, Project Specific Designated Substance Surveys.
- The Ottawa Hospital, Remediation of New Civic Campus, to Provincial and Federal CCME standards.
- PSPC, Alexandra Bridge Replacement, Phase II ESA, Ottawa/Gatineau – provided oversight of the Phase I and Phase II program for the bridge replacement program.
- PSPC/BGIS, Finance Building and Annex – Tunney's Pasture, Phase II ESA – Oversaw the planning, reporting and completion of a Phase II ESA within the project buildings.
- Canada Lands Corporation, 530 Tremblay Avenue, Oversaw the planning, reporting and completion of a Phase I ESA, and planning requirements of a Phase II ESA.
- National Fire Laboratory, PFAS investigation – Provided technical support for the National Research Council, with respect to the ongoing PFAS investigation.

PROFESSIONAL EXPERIENCE

November 2020 to Present, **Environmental Engineer, Paterson Group Inc., Ottawa, Ontario**

- Coordination, preparation and management of Phase I and Phase II Environmental Site Assessment.
- Coordination, preparation and managed Designated Substance Surveys and indoor air quality assessments.
- Preparation of soil and groundwater remediation plans.
- Filing records of site condition with the Ontario Ministry of the Environment, Conservation and Parks.
- Implementation of Excess Soil Regulations, Ontario.

March 2019 to 2020, **Environmental Engineer, WSP Canada Inc., Ottawa, Ontario**

- Coordinated, prepared Phase I and Phase II Environmental Site Assessments for Federal and private clients.
- Coordinated, prepared and managed Designated Substance Surveys for various Federal and private clients, in both English and French.
- Managed all projects from preparation of proposals, to final invoicing.

September 2018 to 2019, **Environmental Officer, National Research Council, Ottawa, Ontario**

- Oversaw on-going PFAS investigation program at the National Fire Laboratory in Almonte, Ontario, being carried out by NRC consultants.
- Reviewed and commented on deliverables prepared by consultants, while coordinating with internal legal, communications, and presidential departments within the NRC.
- Corresponded with area residents surrounding the Laboratory.
- Coordinated potable water supply program.

September 2011 to 2018, **Environmental Engineer, Paterson Group Inc., Ottawa, Ontario**

- Prepare, revise and submit all documentation and reports for the successful filing of Records of Site Condition with the Ministry of the Environment and Climate Change
- Provide on-site environmental expertise for remediation projects including Ottawa Arts Gallery, Rideau Centre Expansion and Tall Ships Landing, among various small scale remediation project within the greater Ottawa area.
- Coordinate field programs and prepare reports for Phase I and II projects across Ontario and Quebec.
- Oversee environmental investigations for drilling and test pitting on numerous proposed utility installations, residential and commercial developments.
- Conduct designated substance surveys in Ontario and Quebec.
- Coordinate air sampling programs for various environmental parameters, comparing results with regulatory standards and other guidelines.
- Problem solving to help advance or maintain project schedules.
- Complete environmental reports with recommendations for environmental concerns.
- Liaising with contractors, consultants and government officials.
- Provide cost estimates for environment field programs and construction costs.

June to September from 2009 to 2011, **Inspector, Canadian Food Inspection Agency, Ottawa, Ontario**

- Conducted the trapping program for the Emerald Ash Borer across Eastern Ontario.
- Assisted in the preparation and training of other inspectors for the trapping program.
- Conducted inspections for restricted wood products at various campgrounds.
- Assisted other inspectors in inspecting shipments of wood products from other countries, in certain cases, seizing and disposing of items.
- Compiling data and preparing reports.