

Phase I – Environmental Site Assessment

1883 Stittsville Main Street Ottawa, Ontario

Prepared for Mattamy Homes

Report: PE6592-1R Original: June 27, 2024 Revised: December 19, 2024



TABLE OF CONTENTS

EXEC	UTIVI	E SUMMARY	ii		
1.0	INTRODUCTION1				
2.0	PHASE I PROPERTY INFORMATION				
3.0	SCOPE OF INVESTIGATION				
4.0	RECORDS REVIEW				
	4.1	General	4		
	4.2	Environmental Source Information	5		
	4.3	Physical Setting Sources	9		
5.0	INTERVIEWS 1				
6.0	RECONNAISSANCE	13			
	6.1	General Requirements	13		
	6.2	Specific Observations at the Phase I Property	13		
7.0 REVIEW A		EW AND EVALUATION OF INFORMATION	17		
	7.1	Land Use History	17		
	7.2	Conceptual Site Model	18		
8.0	CONCLUSIONS		20		
	8.1	Assessment	20		
	8.2	Recommendations	21		
9.0	STAT	EMENT OF LIMITATIONS	22		
10.0) REFERENCES				

List of Figures

Figure 1 – Key Plan Figure 2 – Topographic Map Drawing PE6592-1 – Site Plan Drawing PE6592-2 – Surrounding Land Use Plan

List of Appendices

- Appendix 1 Aerial Photographs Site Photographs
- Appendix 2 MECP Freedom of Information Search Result MECP Water Well Records TSSA Correspondence City of Ottawa HLUI Search Results ERIS Database Report

Appendix 3 Qualifications of Assessors



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 and 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 $\frac{1}{2}$ " 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.



- 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 developped 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 builtup 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 twostorey 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.

D 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.

D 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.

V Nauto

Vanessa Naufal, Environmental Technician

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

Report Distribution:

Mattamy HomesPaterson 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.
- D Environment Canada: National Pollutant Release Inventory.
- □ National Archives of Canada.

Provincial Records

- □ MECP: Freedom of Information and Privacy Office.
- D 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.
- **D** Previous Engineering Reports.

Public Information Sources

- **D** 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







APPENDIX 1

AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS



AERIAL PHOTOGRAPH 1959





AERIAL PHOTOGRAPH 1967





AERIAL PHOTOGRAPH 1976






















Site Photographs



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 DATBASE REPORT

Ministry of the Environment, Conservation and Parks

Corporate Services Branch 40 St. Clair Avenue West Toronto ON M4V 1M2 Ministère de l'Environnement, de la Protection de la nature et des Parcs Direction des services ministériels

40, avenue St. Clair Ouest

Toronto ON M4V 1M2



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

Onlain Owner Here Output District District <thdistrict< th=""> <thdistrict< th=""> <th< th=""><th></th><th>K</th><th>MINIS The O</th><th>STRY OF THE ntario Wat</th><th>ENVIRO er Reso</th><th>UNMENT</th><th></th><th></th><th></th><th>u G/L</th><th>, 1</th></th<></thdistrict<></thdistrict<>		K	MINIS The O	STRY OF THE ntario Wat	ENVIRO er Reso	UNMENT				u G/L	, 1
Image: Second	Ontario				لل ل	15755	=C ; .			N:	, 1 0,9
Section Gaulburn 9 Decomposition 11tesville, Onterio 0/2.0 0/2.0 0/2.0 1000000000000000000000000000000000000	OUNTY OF DISTRICT	2. CHECK 🛛 CORREC	T BOX WHERE APPLICABLE	TY. TOWN. VILLAGT	<u> </u>	;	CON	10 BLOCK, TRACT, SURV	14 15 EY. ETC.		022
Itswille, Drtesio D3 D4 D0 Interviewer Interviewer Interviewer Interviewer Interviewer Interviewer Interviewer Interviewer Interviewer Interviewer Interviewer Interviewer Interviewer Interviewer Interviewer Interviewer Interviewer Interviewer Interviewer	Conle	top	Goulburn				9		DATE COMP	LETED	48-53
OP.9.5.0 OP.4.5.0			itt	sville, C	Intari	<u>.</u>			₀ <u>Q 5</u>	мо. 1.	17(
LOG OF OVERBUNDEN AND BEDROCK MATERIALS INTER HITS INTE			0.5	1950	يًّا الأ	400	لچ				
CALLAR COLOR COMMUNICATION DISCR NATIONAL Same and Object Prime STOWN Same and Stones fill D STOWN Same and Stones fill D Stones fill D Stones fill D Jamestone section		LQ	G OF OVERBURDE	N AND BED	ROCK N	ATERIAL	. S (see)	NSTRUCTIONS)		`	
SZOWN Sand stones fill 0 SZOWN Sand stones fill 0 SZOWN Sand secium herd 9 Image: Stone stone secium herd Image: Stone stone stone Image: Stone stone	ENERAL COLOUR	MOST COMMON MATERIAL	OTHER M	ATERIALS			GENER	AL DESCRIPTION		FROM	TO
31 02009628/120/1 20802/5 1 1 1 1 1 31 02009628/120/1 20802/5 1 1 1 1 1 31 02009628/120/1 20802/5 1 1 1 1 1 31 02009628/120/1 20802/5 1 1 1 1 1 31 02009628/120/1 20802/5 1 1 1 1 1 31 02009628/120/1 20802/5 1 1 1 1 1 31 02009628/120/1 20802/5 1 1 1 1 1 31 02009628/120/1 20802/5 1 1 1 1 1 31 02009628/120/1 20802/5 1 1 1 1 1 31 02009628/120/1 20802/5 020097 1 1 1 1 31 02009628/120/1 20802/5 020097 020097 1 1 1 31 020097 020097 020097 020097 000097 1 31 020097 020097 020097 020097 020097 31 020097 020097 020097 020097 020097 31 020097 020097 </td <td>brown</td> <td>sand</td> <td>stones</td> <td></td> <td></td> <td>fil</td> <td>.1</td> <td></td> <td></td> <td>0</td> <td>9</td>	brown	sand	stones			fil	.1			0	9
3) Decognetizes Decognecognetizes Decognetizes Decogn	jrey	limestone				med	iium h	ard		9	80
3] Dec 9628/1/20/1 Conserved 1 41) WATER RECORD 1 CASING & OPEN HOLE RECORD 41) WATER RECORD 1 CASING & OPEN HOLE RECORD 41) WATER RECORD 1 CASING & OPEN HOLE RECORD 41) WATER RECORD 1 CASING & OPEN HOLE RECORD 41) WATER RECORD 1 CASING & OPEN HOLE RECORD 410 WATER RECORD 1 CASING & OPEN HOLE RECORD 410 WATER RECORD 1 CASING & OPEN HOLE RECORD 411 WATER RECORD 1 CASING & OPEN HOLE RECORD 411 WATER RECORD 1 CASING & OPEN HOLE RECORD 411 WATER RECORD 0 0 0 411 WATER RECORD 0 0 0 0 411 WATER RECORD 0 0 0 0 0 411 WATER RECORD 0 0 0 0 0 0 411 WATER RECORD 0 0 0 0 0 0 0 0 0 0 0<		FW0 MO M M									
Time of rest retroot 100 prime of the local of the	31 32 2 41 10 41 10 41 10 10 10 10 10 10 10 10 10 1	M.G.G.S.I., P.G.G.S.I. D.G.S.I. I.I.E.R. RECORD XI.I.E.R. KIND OF WATER XI.I.E.R. SALTY - MINERAL FRESH 3. SULPHUR SALTY - MINERAL SALTY - MINERAL	51 CASING DIO DIO DIO DIO DIO DIO DIO DIO	I I I I I I	LE RECC DEPTH FROM 0 	DRD - FEET 10 00 25 ¹⁰⁻¹⁶ - BD - 20-23 0 0 80 - 27-30	SIZE SIZE SIZE SIZE SIZE SIZE SIZE SIZE	ERIAL AND TYPE ERIAL AND TYPE ERIAL AND TYPE ERIAL AND TYPE 1 SET AT - FEET 1 0 10-13 18-21 22-25 30-33	NG & SEA	LING REAL	LENGTH 3 LENGTH 3 S PF 41-44 FEET CORD LENKIT GROUT D PACKER, ETC.)
1282 1282	71 PUMPING TEST M	ETHOD 10 PUMPING RATE 2 BAILER 00 WATER LEVEL 25	10 дри 0 1	OF PUMPING 15-16 HOURS	17-18 MINS		AGRAM BE	LOCATION	OF WE	L L	D AND
$\frac{1}{100000} 0 = \frac{1}{1000000} 0 = \frac{1}{1000000} 0 = \frac{1}{10000000} 0 = \frac{1}{10000000} 0 = \frac{1}{100000000} 0 = \frac{1}{10000000000000000000000000000000000$	LEVEL 19-	END OF WATER L PUMPING 21 22-24 15 MINUTES 26-	2 30 MINUTES 45 MINU	UTES 60 MINUT 32-34 3	ES 35-37	CON.	8	St	mley	د'	
□ SHALLOW M DEEP SETTING U GO retr MATE OVOS GPM 30-33	U 20 FE GIVE RATE RECOMMENDED F	ET 0 5D FEET 0 50 FE 38-41 PUMP INTAKE GPN PUMP TYPE PUMP	ET O 50 FEET O 50 SET AT WATER AT FEET 1 120 CL 43-45 RECOMMEN	END OF TEST	FEET 42 JDY 86-49	، درن :]	↑ C	ome	حد	*
STATUS / 2 OBSERVATION WELL : DARADURED. FUON WORLT:) TEST HOLE 7 UNFINISHED STOR CHARGE WELL STOR CHARGE WELL STOR : DOWESTIC S COMMERCIAL 2 STOCK : HUMICIPAL STOR : COMMERCIAL 2 STOCK : HUMICIPAL 1 DOWESTIC : COMMERCIAL 2 STOCK : HUMICIPAL 1 DOWESTIC : COMMERCIAL 2 DOWESTIC : COMMERCIAL 3 DOWESTIC : COMME	SI-53 FINAL	SW DEEP SETTING GPM./FT. SP	S ABANDONED.	INSUFFICIENT SUPP	GPM PLY			le l			
USE V/ + DINDUSTRIAL + D COOLING OR AIR CONDITIONING OTHER 9 NOT USED OTHER 9 NOT USED OTHER 9 NOT USED PORTACTOR 9 NOT USED OF CASEE TOOL + D CASEE TO	STATUS OF WELL WATER	3 TEST HOLE 4 RECHARGE WELL 55-56 1 2 DOMESTIC 2 STOCK 3 IRRIGATION	7 UNFINISHED S COMMERCIAL 6 MUNICIPAL 7 PUBLIC SUPPLY				J	·\$55.m			
Image: of well contractor Licence number Capital Water Supply Ltd. 1558 Aboress J. Moore MAME of DELLER OR BORER Licence number NAME of DELLER OR BORER Licence number NAME of DELLER OR BORER Licence number Name of Deller OF Contractor Inspection	USE METHOD OF DRILLING	57 I CABLE TOOL 2 ROTARY (CONVEN 3 ROTARY (REVES) 4 ROTARY (AIR) 5 D AIR PERCUSSION	COULING OR ARC S	NOT USED NG OND ING ING		90'	1	Jo			
Box 490 Stittsville, Untario	NAME OF WEL	L CONTRACTOR Apital Water Sup	ply Ltd,	LICENCE NUMBER		DATA SOURCE	SI PECTION	CONTRACTOR 5 1558	DATE DECEM	912 DM	6
	BC NAME OF DRI J.	DX 490 Stittsvil LLER OR BORER MOORE CONTRACION	SUBMISSION DA	LICENCE NUMBER		REMARKS:	6/7	y 9	CSX	<u>v x</u>	P V

.....

				B
4 55010010 Con 1X Kat 22 Water management	nt in Ontario	390		
The Ontario Water Resol	I RFCO	et »		
VAIEN WEL			Hould	urn
County or District 1 Lot 2 D	ate completed	8	Dec	1968
Owner & Lubbers Constr. A	ddress 29	Cast	adam	year)
Casing and Screen Record		Pumping	Test	
Inside diameter of casing 5"	Static level	25		
Total length of casing 18	Test-pumping rate	/0		G.P.M.
Type of screen	Pumping level	22	11.	
Length of screen	Duration of test pu	mping /	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
Depth to top of screen	Pacommended nu	mong rate	5	G.P.M.
Diameter of finished hole	with pump setting	of 50	ے feet belo	w ground surface
			Water	Record
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
sandy clay	0'	2'	70'	fresh
	21	10'		0
son share				
limestore	/0/	72.		
		<u> </u>		
For what purpose(s) is the water to be used?	In diagram	Location below show	of Well distances of we	ll from
new pouse	road and	ot line. Ind	icate north by	arrow.
Is well on upland, in valley or on hillside?	Con	X		,
Drilling or Boring Firm	Ŭ			
14 ashland Pr.	••••••••••••••••••••••••••••••••••••••			
Address / Ottawa 6		1	6//.	
Licence Number 2857	C	*	K22	
Name of Driller or Borer B acres	Con			
Address	113	219		
Date Dic 10/68		11		
(Signature of Licensed Drilling or Boring Contractor)	- <u>_</u>			-
Form 7	<u>~_</u>			
OWRC COPY		11	CSS.58	

		an ann a' _{Club} ach a' fha		алан (тр. 1996) 2007 ж. – ^{Са} лан (тр. 1996) 2007 ж. – ^{Сал} ан (тр. 1996)	· · ·		The O	ntario	Water Resou	ces Aci	540	
R	of the			N	NA	T	ER	W	ELL	RE	CU	RD
Ontario		PRINT ONLY IN SF	ACES PROVID	ED		1	5170	86		<u>א</u> ב	<u>N</u>	0.9
COUNTY O	Z. R DISTRICT	CHECK X CORRE	TOWNSHIP	BOROUGH. CITY.	TOWN, VILLA	GE	<u></u>	CON	Conc. 1	EY, ETC	022	11-22 11-22
OWNER (S	GURNAME FIRST)	28-47	AD	DRESS			n Dota	rio I	K2H 6J2	DATE COMP	LETED MO	18-53 7YR. 79
	L. J. Vander		st.	NORTHING	1 .9.91	RC.		4	ASIN CODE		···	
			G OF OV	ERBURDEN			(MATERIA	LS (SEE	INSTRUCTIONS			
GENERA		AOST N MATERIAL		OTHER MATE	RIALS			GENE	RAL DESCRIPTION		DEPTH	TO
Bro	wn Sand		5	tone				Pac	ked		0	30
Gre	y Send		<u> </u>	oulders				Pac	ked		-30	45
Gra	y Lime	stone		<u> </u>				Har	<u>d</u>		140	140
310	ck Lime	stone						FOI	uua			
	<u> </u>											
											(NO)	
				<u> </u>		<u></u> , ,		<u> </u>			VF-1	
								<u> </u>				
		····										
31	6030628/	279 004	22812	79 0140	2157		0/498/5	80				
32	10 14 15								S4	31-33 DIAN	METER 34-38	75 80 LENGTH 39-40
41 WATER	FOUND KIND OF	WATER		MATERIAL	WALL THICKNESS			REE	ATERIAL AND TYPE		INCHES	FEET 41-44 30
	10-13 1 2 FRESH 3	SULPHUR	10-11	STEEL	INCHES		13-16	l s				FEET
0147	15-18 1 2 FRESH 3	SULPHUR 19	64-	CONCRETE	188	0	(0045'	61		NG & SEA		ORD
	20-23 1 FRESH 3 2 SALTY	SULPHUR 24	17-18	I STEEL I GALVANIZED	9	45	0149	FR	OM TO 10-13 14-17	MATERIAL A	ND TYPE LEAD	PACKER, ETC.)
	25-28 1 FRESH 3	SULPHUR 29	24-25	DPEN HOLE	6	-	27-30	,	18-21 22-25			
1	30-33 1 C FRESH	3 SULPHUR	o	GALVANIZED GONCRETE GOPEN HOLE					26-29 30-33	80		
	IMPING TEST METHOD	10 PUMPING RAT	E	11-14 DURATION OF P					LOCATION	OF WE	LL	
Y-	PUMP 2 BAIL	ER VEL 25 WATER	COO 9			MENS	IN D LOT	LINE	BELOW SHOW DISTA INDICATE NORTH B	NCES OF WEL Y ARROW.	L FROM ROAD	AND
EST	LEVEL PUMPIN 19-21	G 22-24 15 MINUTES 26-	30 MINUT	ES 45 MINUTES 29-31 31	RECOVERY 5 60 MIN 2-34	UTES 35-37		7	7		1	
NG T	SE FLOWING	FEET 060 FI	EET OGD	FEET OGD F	Of TEST	FEET 42		×	l l		-	те на ₁₂
II dWi	ECOMMENDED PUMP TYPE	GPN. RECOMMEND	ED 43	FEET 1 CLEAR	R 2 🗶 CL	OUDY		/	(y)			
ש	SHALLOW DEEP	PUMP SETTING	080	FEET RATE	0005	GPM						
	54 1 3	WATER SUPPLY	• C	ABANDONED, INSU	JFFICIENT SU	JPPLY			7			
		OBSERVATION WI	ειι €Ω 7□	ABANDONED POO UNFINISHED	R QUALITY			1	1-130	1		
•	55-54 1 20	DOMESTIC	5 🗌 CO	MMERCIAL					1 2	(
		I STOCK I IRRIGATION I INDUSTRIAL	7 🗌 PU 8 🗌 CO	BLIC SUPPLY OLING OR AIR CON	DITIONING		1	21.4	M A		4	
	57				DT USED		-		/			
	METHOD 2 C	J CABLE TOOL	NTIONAL) SE)	T DIAMONE	D				/			
] ROTARY (AIR)] AIR PERCUSSION	l	9 DRIVING			DRILLERS REM	ARKS			1 1/	
	NAME OF WELL CONTRACT			1	LICENCE NUMB	B		1	58 CONTRACTOR 5	9-62 DATE RECE	130	879
CTOR	LADITAL WA	icer aupp.	.y -10.					SPECTION	INSPECT	" th		
ITRA	NAME OF DRILLER OR BOR	itittsvil. HER	18, Ont	ario KU	LICENCE NUME	BER				```		
CON	M. Kevenac)		074	79	OFFI(N. L. J.	1 <u>k</u> 15	
	INISTRY OF	THE ENVI				YR. <u>L:</u> 4			<u></u>	· · · · · · · · · · · · · · · · · · ·	FOR	M NO. 0506-4-7

				موجوع		The d	Ontonia	\//ator	Pacour	or Act	316	40
Mini of th	stry ie			WA		ER	W			RE	CO	R
Envi ntario	ronment	ON A IN CRACES I				<u> </u>	00A		0.02	, cs	N	0
DUNTY OF DISTRICT	1. PRINI 2. CHECK	CORRECT BOX	WHERE APPLICABLE	E CITY, TOWN, VILL	AGE	5172	CON	BLOCK. TR	ACT. SURVE		- rean	
Car	leton 1		Youl	bourn		0		(on 1	DATE COM	PLETED	<u>)22</u>
Bru	nns Lou	n Mar	rogen I.	Ha,	<u>73</u>	(Ira	r W	ay y	lepoar		мо	YR.
2]	<u></u>	28,29	1 5.0°	9,9,9,9	4	1244	a. 141	26	1	<u> </u>		
	MOST	LOG OF	OVERBURD	EN AND BE	DROC	K MATERI	ALS ISEE				DEPTH	FEET
ENERAL COLOUR	COMMON MATER	RIAL	OTHER								FROM	10
anu	sand										0	39
11		4				·.					00	10
grey	limest	one									37	70
10	<u> </u>											
- 					<u></u>							
											TIME	
			ţ								VF-18	
										¹ /vz		<u> </u>
·			y. Bulanyy, imi									1
31) 603	9228	9105215							1111			
32	14 15									31-33 DIAM	1 1 1 1	
41 WA		51	CASING	& OPEN H		PTH - FEET		OT NO)				
		PHUR 14 INCHE	es	INCHES	FROM	13-1	SCI 3	TERIAL AND			OF SCREEN	FEI
15-18 1 [□ FRESH ³ □ SULI □ SALTY ⁴ □ MIN	PHUR 19	2 GALVANIZ 3 □ CONCRET 4 □ OPEN HO	zed e ile <i>- 188</i>	" C	X0040	61	P	LUGGIN	G & SEA	LING RECO	DRD
20-23 ¹ [2 [FRESH ³ SUL	PHUR ²⁴ Eral	17-18 □ STEEL 2 □ GALVANI 3 □ CONCRET	19 ZED E		20-2	FROM	1 SEI AI - F	0	MATERIAL AI	ND TYPE LEAD P	ACKER. ETC
25-26 1 (2 (☐ FRESH 3 ☐ SUL ☐ SALTY 4 ☐ MIN	29 PHUR 2 ERAL 2	4 OPEN HO	26	-	27-3	30	18-21	22-25			
30-33 1 (2	□ FRESH 3 □ SUL □ SALTY 4 □ MIN	94 60 PHUR ERAL	2 🗌 GALVANI 3 🗌 CONCRET 4 🗌 OPEN HO	ZED TE DLE				26-29	30-33 80			
71 MPING TEST ME	ETHOD 10 PL	UMPING RATE	11-14 DURATION	OF PUMPING	17-18			LOCA		F WE	LL	
	WATER LEVEL 25	WATER LEVELS I		HOURS	MINS	IN I LOT	DIAGRAM BE	LOW SHOW	V DISTANCI ORTH BY A	ES OF WEL RROW.	L FROM ROAD	AND
				4UTES 60 MIN 32-34	UTES 5-37						\cap	
IF FLOWING GIVE RATE	ET 00 FEET	UMP INTAKE SET AT	WATER AT	END OF TEST	FEET 42		* .				4	/
RECOMMENDED P	GPM UMP TYPE RI		FEET 1 0 C	ILEAR 2 CL	OU DY 46-49							
C SHALLO			FEET RATEO	ay	GPM						40	
FINAL	SA I WATER	SUPPLY	S ABANDONED	INSUFFICIENT SU	PPLY						11	
STATUS OF WELL		OLE RGE WELL	7 UNFINISHED	, OUR QUALIT					ጌ	kn /		
	55-56 1 DOMES 2 STOCK	TIC 5	COMMERCIAL MUNICIPAL						10	"	Je.	
USE	3 🗌 IRRIGA 4 🗍 INDUST	TRIAL 7 🗌 TRIAL 8 🗌 DTHER] PUBLIC SUPPLY] COOLING OR AIR (9 □	CONDITIONING NOT USED			Ť		ł	Tout 1	• • • • • • • • • • • • • • • • • • •	
	57 1 🗋 CABLE	TOOL	6 🗍 BORI	NG			7					
	5 2 ROTARY 3 ROTARY 4 ROTARY	Y (CONVENTIONAL) Y (REVERSE) Y (AIR)) 7 🛄 DIAM 8 🗌 JETT 9 🗋 DRIVI	IOND ING ING			بيو	, I				n marke
	S AIR PE	RCUSSION		,		DRILLERS REM		CONTRACTO	8 50.6*	DATE BECEN	ED	
m hers	y Main	o Well	Drilling.	364	4		58	36	44 11NSPECTO	08	018	<u>80</u> °
	Byr 32	6, Rid	rmond	Out.								
H NAME OF DRIN	ALER OR BORER	Mair	$\dot{\mathbf{v}}$	LICENCE NUMBE	ER			~				
ō						[<u>₩</u>]			· •.			
SIGNATURE O	CONTRACTOR		SUBMISSION DA		,29	OFFIC			* ** *.	CSC_{2}		

		.*	-		31646	2
Ministry of the	14/47	The (Ontario V	Water Resource	es Act	
Environment	VVA		VV		<i>KECC</i>	JKD
Ontario 1. PRINT ONLY IN	SPACES PROVIDED	15172	205	NUNICIP		65.04
COUNTY OR DISTRICT	TOWNSHIP, BOROUGH ATTY. TOWN VILLAGE		CON	10 TA	TC 022 6	$\frac{22^{2}}{23 \cdot 2^{2}}$
OWNER-SURNAME FIRST	Autours	1		Con 9		[~~
Brunns Jour 14	anginet Ita, 73	S arco	Wa	1 Depean	DAPS NO	<u>/**** , 22</u>
	299 50099 991	H 101410	й Щ			1 1 1 1
	DG OF OVERBURDEN AND BEDR	OCK MATERIA	LS (SEE II	31		47
GENERAL COLOUR COMMON MATERIAL	OTHER MATERIALS		GENER	L DESCRIPTION	DEPT	H - FEET
						10
grey sand					0	39
ary limeston					39	/10
	è					
	· · · · · · · · · · · · · · · · · · ·				MOL Y	
					VF-10	•
``				u.		
	<u>≯₭∕∕₽</u> ⊥⊥⊥┘└⊥⊥⊥││⊥⊥⊥/⊥/					
			SIZE (S	4 0 OF OPENING 31-	65 33 DIAMETER 34-38	75 80 LENGTH 39-40
WATER FOUND AT - FEET KIND OF WATER	INSIDE WALL THICKNESS	DEPTH - FEET		NO)	INCHES	FEET
0109 2 SALTY 4 MINERAL	INCHES INCHES FF	то 13-16	IOS MATER	TAL AND TYPE	DEPTH TO TOP Of Screen	41-44 30 FEET
15-18 1 FRESH 3 ULPHUR 19	2 GALVANIZED 1 CONCRETE 1 CONCRETE) ()	61	PLUGGING	SEALING RECO	
20-23 1 FRESH 3 SULPHUR 24	17-18 _ STEEL 19	20-23	DEPTH SI	ET AT - FEET MAT	ERIAL AND TYPE LEAD P	ENT GROUT. ACKER: ETC)
2 🗌 SALTY 4 🗌 MINERAL 25-28 1 🗍 FRESH 3 🗆 SULPHUR 29	3 CONCRETE 4 OPEN HOLE		10-1	13 14 - 17		
2 🗍 SALTY 4 🗍 MINERAL	24-25 1 STEEL 26 2 GALVANIZED	27-30	18-;	21 22-25		
2 SALTY 4 MINERAL	CONCRETE		26-2	30-33 80		
71 PUMPING TEST METHOD 10 PUMPING RATE	11-14 DURATION OF PUMPING		L(CATION OF	WELL	
STATIC WATER LEVEL 25 END OF WATER LE	CONTRACTOR	IN DIA	GRAM BELO	W SHOW DISTANCES O	F WELL FROM ROAD /	AND
	30 MINUTES 45 MINUTES 60 MINUTES 30 Z9-31 32-34 32-34				•	Λ
FEET OV FEET OV FEET	ET AT WATER AT END OF TEST 42		۰.		Ν	N/
GIVÉ RATE	FEET 1 CLEAR 2 CLOUDY				γ	/¥+
RECOMMENDED PUMP TYPE RECOMMENDED PUMP OMP SETTING	10 43-45 RECOMMENDED 5 46-49 PUMPOEDO 5 GPM					
50-53					45	
FINAL 2 OBSERVATION WELL	S ABANDONED, INSUFFICIENT SUPPLY S ABANDONED, POOR QUALITY			Ň	∇	
OF WELL J 4 TEST HOLE	7 🔲 UNFINISHED			1	Kr	
55-56 1 DOMESTIC 2 STOCK	S COMMERCIAL			- hm	e V	-
USE OI 4 DINDUSTRIAL	7 D PUBLIC SUPPLY	s"		The		
57 OTHER	• 🔲 NOT USED		ŀ	FIC .		
METHOD	BORING ONAL) 7 DIAMOND					
	A • D JETTING					5
NAME OF WELL CONTACTOR /.)	NN JI LICENSE NUMBER	DRILLERS REMARK	58 CO	TRACTOR \$9-62 DATE	RECEIVED	63-62 10
6 ADDRESS // ains We	U Lhilling 5644			3644 (8 018	30
VBA 326, A	Lichmond Out.	ш К		THAT ELEIGH		
E Der M	airs					
U SIGNATURE OF CONTRACTOR	SUBMISSION-DATE // 79	OFFI			022.28	-
MINISTRY OF THE ENVIRO	DNMENT COPY	L		<u>,</u>	FORMN	0.0506-4-77

	·							taria \	Mator Resou	rcos Act	3164	e
Environment 1517874 150.03 Ed.M. 100 Image: Sector S	$\overline{\mathbf{w}}$	Ministry of the	/		WA ⁻	ТЕ				RE	CO	RD
Image: Product of the state of the stat	Ontario	Enviror		SPACES PROVIDED		1!	51787	74		3 0	1N	. 0.9
Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction Construction <th>COUNTY OF D</th> <th>NETRICT A Z</th> <th>2. CHECK 🛛 CORF</th> <th>TOWNSHIP, BOROUGH</th> <th>LE CITY TOWN VILLAGE</th> <th></th> <th></th> <th>CON .</th> <th>BLOCK, TRACT, SURV</th> <th></th> <th>/</th> <th>LOT 23 74</th>	COUNTY OF D	NETRICT A Z	2. CHECK 🛛 CORF	TOWNSHIP, BOROUGH	LE CITY TOWN VILLAGE			CON .	BLOCK, TRACT, SURV		/	LOT 23 74
Constrained and a second description of the second description of		' lin l.	~		D.		+ 1/	τ	7 Healey	DATE COM	PLETED 07	<u>0:22</u>
Log of overalleline And BEDROK MATERIAS unitary of the second secon					Dering	<u>, ()</u> 1 2 11	ELEVATION	nala IL	ASIN CODE		<u> </u>	<u> </u>
CINCLAL COLONG CONTRAL DECOMPTION CONTRAL DECOMPTION CONTRAL DECOMPTION CONTRAL COLONG CONTRAL DECOMPTION CONTRAL DECOMPTION CONTRAL DECOMPTION CONTRAL DECOMPTION CONTRAL CONTRAL DECOMPTION CONTRAL DECOMPTION CONTRAL DECOMPTION CONTRAL DECOMPTION CONTRAL DECOMPTION CONTRAL DECOMPTION CONTRAL CONTRAL DECOMPTION CONTRAL DECO		M	10 12			ROCK	MATERIAL	30 S (SEE 11	NSTRUCTIONS)			47
Image: A stand 0 2 Image: A stand 72 3 Image: A stand 72 72 Image: A stand	GENERAL C	OLOUR	MOST COMMON MATERIAL	OTHER	MATERIALS			GENER	AL DESCRIPTION		DEPTH	· FEET
March March March March March March <td></td> <td>()</td> <td>12</td>											()	12
Image: State of the second	loro	un x	sand									
(3) Dell 26628 (1) Dest 21(H) (2) (4) Watte RECORD (2) (2) (2) (2) (4) Watte RECORD (2) (2) (2) (2) (2) (4) (2) (2) (2) (2) (2) (2) (2) (4) (2)	are	1/	hordpan	grave							12	:57
(3) Dol 2(2(22) Dol 2(2(2(2))	10		/								57	170
Image: Status of Status o										······································		1/2
Image: State House House State House State House State House State Hous							•					
Image: second												
Bol 2(428) Constrained and and a constrained and constrained and a constrained and constrained and constrained and constrained and a constrained an												r
31 Dol_246281 COST #114111 GAT# DO 32											Strate and a second	
Image: state of the s	31	00126	28 1 005	721411110	172 00							
Image: State of the state		WATER	RECORD		G & OPEN HOL	با لــا E REC.	ORD		54 5) OF OPENING T NO)	31-33 DIA	METER 34-38	1.1.1.1 L. 75 80 LENGTH 39-40
Image:	WATER FOU AT - FEET	ND K	IND OF WATER	INSIDE DIAM MATERIA INCHES	WALL THICKNESS INCHES	DEPT FROM	H - FEET		ERIAL AND TYPE		INCHES DEPTH TO TOP OF SCREEN	FEET 41-44 30
Image: State - Image	0/00) ² ³ ³ ³	RESH 3 [] SULPHUR		12 112ED ETE -/88	0	0059		PI LIGGI	NG & SE	ALING REC	
Image:	0/50	2 _ SA	ALTY ⁴]] MINERAL RESH ³]] SULPHUR ²⁴	4 OPEN H	IOLE 19		20-23	DEPTH	SET AT - FEET	MATERIAL A	IND TYPE LEAD	MENT GROUT PACKER, ETC.)
Image: Status Image: Status<	p/) <u>0</u>)' ² . SA 5-28 1 . F1	ALTY ⁴] MINERAL RESH ³] SULPHUR ²⁹	3 CONCRI 4 OPEN H 24-25 CONCRI	ETE 10LE 26		27-30		10-13 14-17 18-21 22-25			
The section Image: S	30	2 S/	RESH 3 SULPHUR 34	CONCRI	NIZED ETE			2	6-29 30-33 1	80		
Image: Provide the second s		NG TEST METHOD	10 PUMPING RA		N OF PUMPING			ـــــــــــــــــــــــــــــــــــــ	OCATION	OF WE	LL	
Internet Inte			BAILER DOCATER LEVEL 25 WATER	LEVELS DURING		INS	IN DIA LOT LI	GRAM BEI	OW SHOW DISTAN	ICES OF WEL	L FROM ROAD	AND A
Image: State of the state o		4 5 C	22-24 IS MINUTE	5-28 30 MINUTES 45 M		5 5-37						\int
Internet of the provention will incommended provention will incommend to the provention will be provention willips provention will be proventing be prove		FEET		E SET AT WATER	FEET F	42						/V
SHALLOW LODGEP SITTING OF VELL STATUS OF VELL STATUS OF WELL STATU		IMENDED PUMP T	GPM. YPE RECONMENT PUMP		SOOO	-49						
FINAL STATUS I Grate supply Description well I deambored poor quality I description I description Watter I description I description I description I descret I description	50-53	SHALLOW									×	
OF WELL + BRECHARGE WELL WATER USE O/ WATER USE O/ METHOD OF NUSE MATHOD OF NUSE METHOD OF NUSE METHOD OF NUSE METHOD OF NUSE METHOD OF NUSE METHOD OF NUSE NAME OF NUSE NAME OF NUSE NAME OF DAYLER PROUSSION NAME OF DAYLER PROUSSIN	FI ST.	INAL ATUS /	1 DWATER SUPPLY 2 DOBSERVATION W 3 D TEST HOLE	S 🗋 ABANDONED ELL S 📑 ABANDONED 7 🗍 UNFINISHEI	D, INSUFFICIENT SUPP D. POOR QUALITY D	LY			West	TK	S.	
WATER USE C/ USE C/ WATER USE C/ WATER USE C/ WATER USE C/ WATER USE C/ WATER USE C/ WATER USE C/ WATER USE C/ WATER USE C/ WATER USE C/ WATER CONSTRAL C	OF	WELL /	RECHARGE WELL	S COMMERCIAL			. 1.	Ar	tota		5	
Image: Contractor of the contractor	w		2 STOCK 3 IRRIGATION 4 INDUSTRIAL	 MUNICIPAL PUBLIC SUPPLY COOLING OR AIF 	R CONDITIONING		Heuley					
METHOD OF DF DRILLING OF DRILLING C DRILLING C DRILLING C DRILLING C DRILLING C DRILLERS REMARKS DRILLERS REMARKS DRILLER				9 					*	Lo	` .	
DRILLING CAIR PERCUSSION CAIR PERCUSSION DATA ADDRESS ADDRESS ADDRESS SUBATURE OF DATA SUBAILSSION DATE SIGNATURE OF CONTRACTOR SIGNATURE OF CONTRACTOR SUBMISSION DATE DAY CONTRACTOR SUBMISSION DATE SUBMISSION DATE SUBMISSION CONTRACTOR SUBMISSION DATE SUBMISSION DATE SUBMISSION SUBMISSION SUBMISSION SUBMISSION SUBMISSIO	ME	THOD OF 1	CABLE TOOL CABLE TOOL CONVI	(Intional) (Intional) (Intional) (Intional) (Intional) (Intional) (Intional)	AMOND TTING				180	R		
HAME OF AFELL CONTRACTOR HAME OF AREL CONTRACTOR ADDRESS ADDRESS SUBMISSION DATE SIGNATURE OF CONTRACTOR SIGNATURE OF CONTRACTOR SIGNATURE OF CONTRACTOR SIGNATURE OF CONTRACTOR SUBMISSION DATE DAY 2 MO. 7 YR. DAY 7 Y	DR		ROTARY (AIR)	→ L) DR			DRILLERS REMARI	KS			1450	
AUDITES 326 Nichmone Ort NAME OF DINGLER OR BORER SIGNATURE OF ZONTOCTOR SIGNATURE OF ZONTOCTOR DAY 2 MO. 7 YR.	HO NAM	Mensy	1 Mains	Will Driffer	ing 364	4	DATA SOURCE		3644 INSPECTO		0 08	82
SUBMISSION DATE SIGNATURE de CONTRECTOR DAY 2 MO. 7 YR 2 FORM NO. 0506-4-77 FORM	RACT	Bat	326, It	ichmont (LICENCE NUMBER					· · · · ·		
			TURE TOR	SUBMISSION			FFICE					
			/	DAY Z	<u>С мо ур.</u>	<u>'</u> 4	ō				FORM NO. 0	506—4—77 FORM

Ministry of the	, ,	۲ ,	WAT	The C	ofițațio VVI	Water Resource		G.4e
Ontario Environ	Ment 1. print only in sp 2. check 🕅 correc	ACES PROVIDED T BOX WHERE APPLICABLE		15180)15	MUNICIF [.5,0,0,3]		10.9
COUNTY OR DISTRICT		TOWNSHIP, BOROUGH CI	TY TOWN VILLAGE		CON	BLOCK TRACT SURVEY	TC	LOT 25-27
		3	MALV	ERN	BARR	HAVEN	DATE COMPLETED	U YR 82
× 10	12	0,0	1.9.9.9 L		2 4			
	LOC	GOF OVERBURDE	N AND BEDR	OCK MATERIA	ALS (SEE II	NSTRUCTIONS)		
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER M	ATERIALS		GENER	AL DESCRIPTION	DEPTH FROM	TO
GRAY		SAND	BOULD	ERS		·	0	16'
RRAY		SAND	BOULDA	FRS			16	7a 53'
GRAY		LIMES	TONE	- ~ 2			53 '	1441'
4								
	8 1 3 1 1 00 42.		322818	<u>0 / 44</u> 42 ,5				
41 WATER F		52 CASING &		RECORD		OF OPENING 31- NO)	33 DIAMETER 34-38	LENGTH 39-40 FEET
	H ³ SULPHUR	DIAM MATERIAL INCHES	THICKNESS INCHES 12	ном то		RIAL AND TYPE	DEPTH TO TOP OF SCREEN	41-44 30 FEET
		CONCRETE		54 M4	61	PLUGGING 8	SEALING RECO	ORD
20-23 1 FRES 2 SALT	H 3 SULPHUR 24	17-15 : [] STEEL 2 [] GÂLVAN'ZED	19	01 UL	DEPTH S FROM	IO MAT	ERIAL AND TYPE LEAD P	ENT GROUT ACKER, ETC)
25-28 1 [] FRES 2 [] SALT		24-25 1 CONCRETE 3 CONCRETE 4 CONCRETE 5 CONCRETE	26	27-30	10-	-13 14-17 -21 22-25	14. 	4
30-33 1 [] FRES 2 [] SALT	H 3 [] SULPHUR 34 80 Y 4 [] MINERAL	2 GALVANIZED 3 CONCRETE 4 DOPEN HOLE			26-	29 30-33 80		
71 PUMPING TEST METHOD	10 PUMPING RATE	11-14 DURATION OF	PUMPING		L	OCATION OF	WELL	
I DUMP 2 1	BAILER 00/1 R LEVEL 25 D OF WATER LEVI	GPMH	OURS WINS	IN DE	AGRAM BELC	W SHOW DISTANCES C	F WELL FROM ROAD A	AN D
	22-24 15 NINUTES 26-28	30 MINUTES 45 MINUTE 29-31	60 MINUTES 32-34 35-37		Hech	Here W	-	
U IF FLOWING GIVE RATE	U FEET 070 FEET 38-41 FUMP INTAKE SET	AT WATER AT EN	FEET OID FEET D OF TEST 42		· ,		V	
RECOMMENDED PUMP TYPE	GPM RECOMMENDED PUMP	FEET 1 CLEA 43-45 RECOMMENDE PUMPING	AR 2 CLOUDY D 46-49			<u></u>	214	
SHALLOW SO-53	DEEP SETTING	D FEET RATE	<i>65</i> дрм	$ \setminus$	L	20	о́ Л	1
FINAL 54	WATER SUPPLY	5 🗌 ABANDONED. INS 5 🗍 ABANDONED POO	UFFICIENT SUPPLY				tor 31 m	
STATUS OF WELL	TEST HOLE	7 UNFINISHED*					× EI	4
55-56 1 2 WATER		COMMERCIAL			\backslash	Z-		k
USE 01	INDUSTRIAL I	COOLING OR AIR CON	DITIONING OT USED					K
57 METHOD -		6 D BORING						han.
OF 3 DRILLING 4	ROTARY (REVERSE) ROTARY (AIR)	 B DIAMONI B DIAMONI B DIAMONI B DIAMONI B DIAMONI B DIAMONI 	~					
NAME OF YELL CONTRA	GOM ALL LELAT	h An Iliha I	CRANNEL	DRILLERS REMAR	KS. 58 CC	DNTRACTOR 59-62 DAT		6 63 50
ADDRESS	HARDE	SON	- HA	SOURCE	ECTION	3644		52
NAME OF DRILLER OR B	CARLE	TON PLA					~	
SIGNAMEN OF CONTRAC	L KAVA	NA6H SUBMISSION DATE	3142	FICE				
Kenry	Maine	DAY 39 M	10 va 82	0			501384 APD - 0620	de TIFORN 7
MINISTRY O	F THE ENVIRG	DNMENT COPY	Y				1. 1. KL 1. KL 1. 1. M2. 1	421 - ITT - 2

Ministry of the Environment Ontario 1. PRINT ONLY IN SPACES PROVIDED 2. CHECK CONTEXCED BOX WHERE APPLICABLE WATER WELL RECOR 1518069 1518069 1518069 1518069 15003 1518069 15003 1518069 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 15003 1500 15003 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 1500 150	D
COUNTY OR RISTRIC A TOWNSHIP BORGUGH. CHY, TOWN, VILLAGE	
2. CHECK CORRECT BOX WHERE APPLICABLE 2. CHECK CORRECT BOX WHERE APPLICABLE COUNTY OR DISTRICT A TOWNSHIP, BORGUGH, CHY, TOWN, VILLAGE COUNTY OR DISTRICT A TOWNSHIP, BORGUGH, CHY, TOWN, VILLAGE	09
	<u>77 - 1</u> 2-11
milbourn (on 7, B2	2
00 Carling live Upt 607, 12B (0/6 DAY 21 MOG / YR	
LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS) DEPTH - FEET GENERAL COLOUR MOST OTHER MATERIALS GENERAL DESCRIPTION FROM TO	
grey gravel 0/3	5
15 3	3
froun sand	
grey limistore 33 6	5
10 10 105 7	~
gruy lay ground	
ary limestore 75 8	7
[31] hol5 [2] + [2] hol3 [2] + [2] hol5 [2] [5] + [2] [2] [2] [2] [2] [2] [2] [2] [2] [2]	
(41) WATER RECORD (51) CASING & OPEN HOLE RECORD (10) (10) (11) (11) (12) (12)	39-40 FEET
ATT - FEET KIND OF WATER DIAM MATERIAL THICKNESS FRUM TO DEFTH TO TOP AN INCHES FRUM TOP TO DEFTH TO TOP AN INCHES FRUM TOP TO DEFTH TO TOP AN INCHES FRUM TOP TOP AN INCHES FRUM TOP TOP AN INCHES FRUM TOP	44 30 :ET
0 3 5 15-10 1 CHARLE 10 CONCRETE 10 0035 61 PLUGGING & SEALING RECORD	
20-23 1 FRESH 3 SULPHUR 24 2 SALTY 4 MINERAL 2 SALTY 4 MINERAL 3 CONCRETE 3 CONCRETE	т с)
25-28 1 FRESH 3 SULPHUR 2 2 SALTY 4 MINERAL 26 27-30 18-21 22-25	
30-33 1 □ FRESH 3 □ SULPHUR 34 80 2 □ GALVANIZED 2 □ SALTY 4 □ MINERAL 4 □ OPEN HOLE	
1 PUNPING TEST METHOD 10 PUMPING RATE 11-14 DURATION OF PUMPING LOCATION OF WELL	
STATIC END OF WATER LEVEL 25 IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE INDICATE NORTH BY ARROW.	٨
$\begin{bmatrix} 30 \\ 19-21 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $	
IF FLOWING. 38-41 PUMP INTAKE SET AT WATER AT END OF TEST 42 If FLOWING. 38-41 PUMP INTAKE SET AT WATER AT END OF TEST 42 If Clear 2 Cloudy Clear 2	
RECOMMENDED PUMP TYPE RECOMMENDED O SO A3-45 RECOMMENDED PUMP SETTING O SO FEET RATE RECOMMENDED GPM	
50-53	
FINAL 1 D WATER SUPPLY S ABANDONED, INSUFFICIENT SUPPLY 2 OBSERVATION WELL 6 ABANDONED, POOR QUALITY STATUS 3 TEST HOLE	
OF WELL) 4 RECHARGE WELL 55-56 1 DOMESTIC S COMMERCIAL TOMESTIC S COMMERCIAL	
WATER USE OI + INDUSTRIAL + COOLING OR AIR CONDITIONING	
METHOD OF 5 3 ROTARY (CONVENTIONAL) 7 DIAMOND OF 5 3 ROTARY (REVERSE) 8 JETTING 9 ROTARY (REVERSE) 9 DEVING	
DHILLING STAIR PERCUSSION DRILLERS REMARKS:	3-68 0
g hing Well contractor well contractor and the line well contractor and th	3
LICENCE NUMBER	
SIGNATURE OF CANTRACTOR SUBMISSION DATE	
$\begin{bmatrix} & & & & & \\ & & & & & & \\ & & & & & \\ & & & & & \\ & $	FORM

Minic	stru		The Ontario	Water Resource	316	4e
of the	e	WAT	FER W	ELL F	RECC	RD
Ontario Envir	RONMENT	ACES PROVIDED	1518249			
COUNTY OR DISTRICT	2. CHECK 🗵 CORRE	TOWNSHIP, BOROUGH CITY, TOWN VILLAGE	CON	10 14 I BLOCK TRACT SURVEY		Ö22"
()++awa.	Carlaton	Goulbourn		Healey	A Heath	48-53
		-230 Woodr	idge Cres.; N	epean, Unt. BASIN CODE	DAY МО	<u>03 _{үк} 83</u> іv
1-2	10 12					47
GENERAL COLOUR	MOST	OTHER MATERIALS	GENE	INSTRUCTIONS : RAL DESCRIPTION	DEPT	H - FEET
BROWN	Sand		10040		FROM	10 30
Gray	Sandy Clay	& Gravel			30	50
Gray	Limestone	White Layers	Soft		00	150
Улау	Limestone	White Layers			150	102
		un particular a second and		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		
						<u> </u>
		495 [181 9150215 7485	016221574			
	R RECORD	51 CASING & OPEN HOLE	RECORD Z SIZE	54 55 OF OPENING 31-3 7 NO (65 3 DIAMETER 34-38	75 80 LENGTH 39-40
WATER FOUND AT - FEET	KIND OF WATER	INSIDE WALL DIAM MATERIAL IHICKNESS INCHES	DEPTH - FEET	ERIAL AND TYPE	INCHES DEPTH TO TOP	FEET 41-44 30
<i>0</i> 156' ²	FRESH 3 🗋 SULPHUR 🎽 == SALTY 4 🗋 MINERAL	060-11 1 5 STEEL 12 2 GALVANIZED 1 00	13-16	· · · · · · · · · · · · · · · · · · ·	OF SCREEN	FEET
15-18 12	FRESH 3 [] SULPHUR ¹⁹ SALTY 4 [] MINERAL	1 CONCRETE 100 4 E OPEN HOLE	0060 61		SEALING RECO	ORD
20-23 1 [] 2 [] 5	FRESH 3 🗍 SULPHUR 24 SALTY 4 🗋 MINERAL	5 15 ³ E GALVANIZED 5 15 ³ E GALVANIZED 6 0	3 mor 50	10 MAT D-13 14-17	ERIAL AND TYPE LEAD F	ACKER LIC
25-28 ! [] 2 [] 5	FRESH 3 [] SULPHUR ²⁹ Salty 4 [] Mineral	70 4 X OPEN HOLE	27-30	9-21 22-25		,
30-33 I [] I 2 [] 5	FRESH 3 [] SULPHUR 34 80 4 SALTY 4 [] MINERAL	2 S 2 LI GALVANIZED 7 3 □ CONCRETE 4 ○ CONCRETE	50 2702	-29 30-33 80	-	
71 PUMPING TEST METHO	D 10 PUMPING RATE	D-14 DURATION OF PUMPING		OCATION OF	WELL	•
	WATER LEVEL 25 END OF WATER LEVI	20 GPM 02 HOURS 00 MINS eLS DURING 1 X PUMPING	IN DIAGRAM BEL	OW SHOW DISTANCES O	F WELL FROM ROAD .	AND
	PUMPING 22-24 15 MINUTES 26-28	2 RECOVERY 30 MINUTES 45 MINUTES 60 MINUTES 29-31 32-34 35-37			u .	
U OIS FEET	035FEET 035 FEET 38-41 PUMP INTAKE SET	AT WATER AT END OF TEST 42) <u>C</u> #)	
	GPM TYPE BECOMMENDED	FEET 1 CLEAR 2 CLOUDY				
SHALLOW	PUMP SETTING	050FEET RATE 0005 GPM		H	ealeys	5
54	1 T WATED SHDDIY				Heath)
STATUS	2 DOBSERVATION WELL 3 TEST HOLE	6 [] ABANDONED POOR QUALITY 7 [] UNFINISHED	$ $ γ	Heaky	Aue I.	lost
	4 C RECHARGE WELL	5 🗍 COMMERCIAL		P.	OT+28	ال <u>دي</u>
	2 STOCK	 □ MUNICIPAL □ PUBLIC SUPPLY □ COLUNC OB AND CONDITIONING 			•	i
032 -7						
METHOD	1 S CABLE TOOL 150 2 ROTARY (CONVENTION	7 - 162 boring NAL) 7 I diamond	TH I			
OF J DRILLING	3 I ROTARY (REVERSE) 4 I ROTARY (AIR) 5 I AIR PERCUSSION	 D JETTING D DRIVING 		•		
NAME OF WELL CON	NTRACTOR	LICENCE NUMBER	DATA 58 C	ONTRACTOR 59-62 DATE		80
Capita.	L Water Supp.	ly Lta. 1558	D GATE OF INSPECTION	1558	00068	53
Box 490	0; Stittsvil	le, Ont. KOA 340	S S S S S S S S S S S S S S S S S S S			
S. Mil	Lex 1 J. Moo			а _{л.}		
SIGNATURE OF CON	<u>ava</u> las	L DAY 31 MO 03 83	OFF	5.		
MINISTRY	OF THE ENVIRO	DNMENT COPY			FORM NO. 0506	_4_77 FORM 7

÷.; -

	*	- *								Nakar P	ocource:	Act	31	548
\bigcirc	Minis	stry						he On				SE	co	RD
Y	ef th Envi	e ronment			V	VAI				NUNICIP		CON.		
Ontario		1. P 2. C	RINT ONLY IN S	PACES PROVI	DED RE APPLICABLE		151	834	40	1.5				22 23 2 101 22-23-27
COUNTY OR	PISTRICT	1.t.		TOWNSH	IP. BOROUGH. CITY. TO	OWN VILLAGE			CON	Cen	9,			122
OWNER (SU	RNAME FIR	m C	to E	- fa	PPH1	Oil	m	Ctat	in /	100	170		D	44-53 YR <u>4-3</u>
	nsen	ZONE	EASTING	<u>n⊥</u> 2.9.9∣	15.0.0.9.9	9.91 4			4	26		"		
			12		VERBURDEN A	ND BEDRO		TERIAL	30 S (SEE II	31 NSTRUCTIO	NS)			
GENERAL	COLOUR				OTHER MATER	IALS			GENER	AL DESCRI	PTION		DEPTH FROM	- FEET TO
														49
gree	1	san	d gra	el									0	70
10	/		-4		<u></u>							+	48	160
qu	ey_	lim	estone			<u> </u>								
	/				<u> </u>									ļ
				 		<u></u>					,			
(31)	004	82181	11016	0215						L				
32	10	14 15					BECOB			54		65 31-33 DIAME	TER 34-38	75 40
WANER F		KIND OF V	VATER	INSIDE	MATERIAL			E E T	BEEL MAI	TERIAL AND	TYPE		INCHES DEPTH TO TOP OF SCREEN	FEET
0/5	10-13 1	FRESH 3	SULPHUR 14		1 1 1 STEEL 12	lec	06	13-16	Š					FEET
<u>//</u>	25-18 I 2	FRESH 3 SALTY 4	SULPHUR 19	E	CONCRETE	-188		30	61	P H SET AT - F		& SEAL		MENT GROUT
	20-23 1	FRESH 3	SULPHUR 24	da	8 I STEEL IS 2 GALVANIZED 3 CONCRETE		500	160	FROM	N 10-13	14-17		LEAD	PACKER, ETC.)
	25-28 1 2	FRESH 3] SULPHUR 25	24-2	A DPEN HOLE			27-30		18-21	22-25			
	30-33 1	FRESH 3] SULPHUR 34	60	2 GALVANIZED 3 CONCRETE 4 OPEN HOLE					26-29	30-33 80			
E C	PING TEST N	IETHOD	10 PUMPING R		11-14 DURATION OF PU	IMPING 16 0/) 17-				LOCA	TION O	FWEL	L	
	1 D PUMP	2 BAILE	EL 25 WATER	() R LEVELS DUR		PUMPING RECOVERY	15	IN DI. LOT L	AGRAM BI INE I	ELOW SHOW	W DISTANCE IORTH BY AF	S OF WELL ROW.	FROM ROA	D AND
EST	9 <	-21 PUMPING	12-24 15 MINUT	6-20 30 MIN	UTES 45 MINUTES	-34 60 MINUTES	37						1	$\dot{\mathbf{N}}$
	FLOWING,		FEET	TEET	WATER AT END	OF TEST	ET 42			1	ley A	00	-	<i>.</i> .
MPP **	CUMMENDED	PUMP TYPE	GPM RECOMMEN	DED	FEET 1 CLEAR	2 1 CLOUD	49			Ha	T	n		
D	SHALL	OW DEEP	SETTING	140	FEET RATE	Olo ge	· M				75 ~		10	
	FINAL	54 1 12	WATER SUPPLY	5	ABANDONED. INSU	FFICIENT SUPPL				$\langle \rangle$	L.			7
	STATUS		TEST HOLE	7 .L	UNFINISHED					/-	1 - 1		15	Г Г
		55-56 1 🗗 2 🗆	DOMESTIC STOCK	\$ [] (• [] (COMMERCIAL MUNICIPAL					/	\			
	USE	0/	RRIGATION	Jent .	COOLING OF AIR CONT	T USED					\backslash			\
		57 1 []	CABLE TOOL		• D BORING									\backslash
	OF	5	ROTARY (CON ROTARY (REVE ROTARY (AIR)	(ENTIONAL) (RSE)	7 DIAMOND 8 DETTING 9 DRIVING									١
		G 5 d	AIR PERCUSSI	ис				LERS REMA	RKS	SB CONTRACT	TOR 55-62			
ж,	hame of we	My H	Mains	Vill.	Dilling	3644		SOURCE	SPECTION	36	44 INSPECTOR	03	08	83
ACTC	ADDRESS	4 32	16, 14	chimo	nd Or	<u> </u>	USE (REMARKS						
DNTR	NAME OF DE	the por BOR	er D	Mais	is l'	LICENCE NUMBER								
۲ ۲	SIGNATURE	OF CONTRACTO	5Ř /		DAY MC	- 50 VR.	<u>i</u>							0506477 FORM
ب	MINI	STRY OF	THE ENV	IRONME	ENT COPY									

Ministry The Ontario Water Res	3164e
of the WATER WELL	RECORD
Ontario I. PRINT ONLY IN SPACES PROVIDED 1518341	03 CON 109
COUNTY OB DISTRICT - TOWNSHIP, BORUGH, GITY, TOWN, VILLAGE CON, BLOCK, TRACK	URVEY ETC LOT 25-27
Sherway Dr. Nerean K2.7 11	BATE COMPLETED OT S
LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)	47
GENERAL COLOUR COMMON MATERIAL OTHER MATERIALS GENERAL DESCRIPTIO	N FROM TO
Grey sand	O 23
	92 111.
guy sure glace	25 77
grey limestore	44 210
	X
31 00231223 00444223811 02101215	
41 WATER RECORD 51 CASING & OPEN HOLE RECORD Stot, No 1	31-33 DIAMETER 34-38 CENGTH 39-40
AT - FEET WALL DEPTH - FEET WALL AND TYPE	INCHES FEET DEPTH TO TOP 41-44 30 OF SCREEN 41-44 30
$\frac{1000}{20} = \frac{1000}{20} = \frac{1000}{10} = $	ING & SEALING RECORD
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	CEMENT GROUT
25-28 1 FRESH 3 SULPHUR 29 4 DOPEN HOLE 20 10-12	
30-33 1 FRESH 3 SULPHUR 34 80 3 CONCRETE 2 SALTY 4 MINERAL 4 OPEN HOLE	80
71 PUNPING TEST NETHOD 10 PUNPING RATE II-14 DURATION OF PUNPING 1 PUNP 2 BAILER 0004 0 15-16 0 17-18 1 PUNP 2 BAILER 25 0 17-18 MINS	OF WELL
STATIC WATER LEVEL WATER LEVELS DURING 2 DRECOVERY	ACES OF WELL FROM ROAD AND ARROW
$\begin{bmatrix} F & FLOWING \\ 2 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	
GPM FEET 1 CLEAR 2 CLOUDY RECOMMENDED PUNP TYPE RECOMMENDED 43-45 RECOMMENDED 46-49	
SO-53	124
FINAL STATUS I GOSERVATION WELL 6 ABANDONED INSUFFICIENT SUPPLY	Nº 16
OF WELL A RECHARGE WELL	S.
WATER 2 I STOCK 6 I MUNICIPAL 3 I IRRIGATION 7 I PUBLIC SUPPLY USE 01 4 I INDUSTRIAL 8 I COOLING OR AIR CONDITIONING	· · · · · · · · · · · · · · · · · · ·
S7 CABLE TOOL 6 BORING	14ce
METHOD 2 DRIARY (CONVENTIONAL) 7 DIAMOND OF 5 3 ROTARY (REVERSE) 8 DETTING DRILLING 4 ROTARY (AIR) 9 DORIVING	r
5 Grain PERCUSSION DRILLERS REMARKS NAME DEF WELL CONTRACTOR 1 1 1 1 1	62 DATE RECEIVED 61.66 00
Unite of inspection inspection	030883
NAME OF DEFILER OR BORER MARKS	
SIGNATURE & CONTRACTOR SUBMISSION DATE 7 83	
	FORM NO. 0506-4-77 FORM 7 '

Min	istrv				The C	Ontario '	Water Resou	rces Act	31(548
of the	he he		WA	TE	ER	WI	ELL	RE	CO	RD
Ontario	1. PRINT ONLY IN 5	SPACES PROVIDED		1	5183	50	1.5.0.0	zi iĈd	N	
COUNTY OR DISTRICT	2. CHECK X CORR	TOWNSHIP, BOROUGH	CITY TOWN VILLA	GE Onl		CON	10 BLOCK, TRACT, SURV			22 23 24 LOT 25-27
			(LBOU)	RIV				DATE COMPL		922
			0000	RC.			BASIN CODE	DAY 14	- NO TEL	₩ YR. 25
	- 10 12				MATERIA					<u> </u>
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER	MATERIALS	nock		GENER	AL DESCRIPTION		DEPTH	· FEET
GRAY	SAND	Bo	ULDER	'5		PA	CKED		D'	25'
GRAY	LIMESTON	E	- y			POF	2045		25'	147
					·		·····			
				· · ·						
			· · · · · · · · · · · · · · · · · · ·	.				· · · ·	<u>·</u>	
					-					
(i) (a)	57281379 0147	12/15/80								
						SIZE (S	S4	31-33 DIAMETE	R 34-38	75 80 ENGTH 39-40
WATER FOUND AT - FEET	KIND OF WATER	INSIDE MATERIAL	WALL THICKNESS	DEPTH	· FEET		NO)		INCHES	FEET
0/20 2	FRESH 3 D SULPHUR ¹⁴ SALTY 4 D MINERAL	10-1 1 STEEL 2 GALVANIZ	12 12 1.88	0'	0026"	sc		•	OF SCREEN	FEET
0145 20	FRESH 3 [] SULPHUR ¹⁹ SALTY 4 [] MINERAL	106 3 □ CONCRET 40 Cren Hol 17-18 1 □ EXECT	E FFS	24'	147	61 DEPTH S		G & SEALI	NG RECO	RD
20-23 1 [] 2 []] FRESH 3 _ SULPHUR 24] SALTY 4 _ MINERAL	Ch 3 CONGRET	E		0147	FROM	TO -13 14-17	MATERIAL AND 1	TYPE LEAD PA	CKER, ETC.)
23-28 1 []] FRESH 3 🗌 SULPHUR 23] SALTY 4 🗌 MINERAL	24-25 1 STEEL 2 GALVANIZ	26 26		27-30	18	-21 22-25			
30-33 1 2	FRESH 3 SULPHUR 34 60 SALTY 4 MINERAL	3 CONCRET	E			26-	29 30-33 80			
71 JUMPING TEST MET	HOD 10 PUMPING RATE		0F PUMPING 15-16 00 17	-18		L	OCATION C	F WELL		
	WATER LEVEL 25 END OF WATER LE' PUMPING WATER LE'	VELS DURING 2	PUMPING RECOVERY	<u></u>	IN DIA LOT LI	GRAM BELO NE INDI	W SHOW DISTANCE CATE NORTH BY A	S OF WELL FI RROW.	ROM ROAD A	ND
1028	22-24 IS MINUTES 24-20 060	30 MINUTES 45 MINU 29-31 060 060	32-34 0/ 0	• 37				×	7	
IF FLOWING. GIVE RATE	SU-41 PUMP INTAKE SE	T AT WATER AT	END OF TEST	42						
	GPM AP TYPE RECOMMENDED PUMP	43-45 RECOMMEN PUMPING	DED 46-	49						
50-53	DEEP SETTING 0	BO FEET MAILE		^{>} M						
FINAL STATUS	4 1 WATER SUPPLY 2 DOBSERVATION WELL	\$ 🗌 ABANDONED, II \$ 🗌 ABANDONED. P	NSUFFICIENT SUPPLY OOR QUALITY	·]						- 's
OF WELL	A D RECHARGE WELL			_		1.15	E			×
WATER	2 DOMESTIC 2 STOCK 3 IRRIGATION	5 🗋 COMMERCIAL 6 📄 MUNICIPAL 7 🔲 PUBLIC SUPPLY			aly	AUC				2
USE Ø	A D INDUSTRIAL	COOLING OR AIR CO	NOT USED		NEI					Ű
METHOD	57 1 CABLE TOOL 2 C ROTARY (CONVENTIO	6 DBORIN DNAL) 7 DIAMO	G		1 ZOT	48!	Į			
OF DRILLING	3 C ROTARY (REVERSE) 4 ROTARY (AIR) 5 AIR PERCUSSION	 I JETTIN DRIVIN 	NG IG		/>X		CON/ Q			
NAME OF WELL C			LICENCE NUMBER	_」 └┉╡ ┨	DATA	58 CO	UNTRACTOR 59-62	DATE RECEIVED		63-68 80
ADDRESS	HV AN AGH	SON	3142	ONL	DATE OF INSPEC	I .	142	04	08	83
NAME OF DRILLE	2 CARLET	ON YLA	LICENCE NUMBER	USE	REMARKS					
SIGNATURE OF C	ONTRACTOR	SUBMISSION DATE	3142	FFICE						
In/idi	all Jarton	2-4/1 DAY 15	MO YR B	\$ [ō				FC	ORM NO. 0506	4-77 FORM 7
1411141215	NA OF THE ENVIRO	NIVIEINI COPY								

,		' - A				The (Jotaria	Water Pecoures	. A ct	31	G.4C
6		istry ne			A/A7					\sim	DD
U		ironment			VVA		VV		XE(RU
On	tario	1. PRIM	T ONLY IN SPACES	PROVIDED	(1)	15183	352	NUNICIP	ic d N	/	. 0.9
COUN	ITY OR-DISTRICT	2. CHE	CK 🖾 CORRECT BOX	WHERE APPLICABLE	TOWN. VILLAGE		CON	BLOCK +RACT, SURVEY_I		2.26	6 2,2.,
	Carle	lon		Jould	ourn			<u>Con 9</u> ,	<		26
OWN	ER (SURNAME FII	RST)	to time	ADDRESS PP-	420	lord (1	tote	KOGITO	DATE COMPLETE	:	"" <i>83</i>
	1		EASTING		$\frac{a}{a}$	ELEVATION	unan .	MASIN CODE	DA	MO	
	<u>/</u>]		41 <u>21</u> 71 <u>7</u> 1 <u>7</u> 1		ואיאיד						
		e	LOG OF	OVERBURDEN	AND BEDR	OCK MATERIA	LS ISEE	INSTRUCTIONS			
GEN	ERAL COLOUR	MOST COMMON MAT	ERIAL	OTHER MAT	ERIALS		GENER	RAL DESCRIPTION		FROM	- FEET TO
6	any	Dur	d anav	el						0	40
			1								
	Alla	Mare	l						•	40	48
Ĕ	7	1 400-						·	<u>م</u>	, -	
F7	NU TANA	Vincea	7.		<u> </u>					48	150
-7	y ug	rande	ion		· · ·					70	/00
Ľ	V					•					
┣											
 					no 74						
Ļ	- T										
(31	L both	22811	0048211	111 9150	215						
		14 15						54			
4		FER RECORD	51	CASING & C	DPEN HOLE	RECORD		S) OF OPENING 31- TNO)	33 DIAMETER	34-38 LI	ENGTH 39-40
AT	- FEET	KIND OF WATER	TA INCHE	MATERIAL S	THICKNESS INCHES	RUM TO		ERIAL AND TYPE	DEP	TH TO TOP SCREEN	41-44 30
P/	45 2	SALTY 4 MIN		2 GALVANIZED	190	10051	<u></u>				FEET
	¹³⁻¹⁰ ¹ C	FRESH ³ [] SUL SALTY ⁴ [] MIN	PHUR "	CONCRETE	708 0	$\sqrt{30}$	61	PLUGGING	& SEALIN	G RECO	RD
	20-23	FRESH 3 3 SUL	PHUR 24	TIN I D STEEL IS C GALVANIZED		20-23	FROM	TO MAT	ERIAL AND TYP	E CEMEN	KER. ETC)
	25-28 1	FRESH S UL	PHUR 29	CONCRETE		206,20	I	0-13 14-17			
	30-33	SALTY 4 MIN	1ERAL 24	2 GALVANIZED		27-30		8-21 22-25			
	2	SALTY 4 . MIN	IERAL	3 🗋 CONCRETE 4 🗍 OPEN HOLE			20	5-29 30-33 80			
71	PUMPING TEST MET	HOD 10 P		11-14 DURATION OF PU	MPING		L	OCATION QF	WELL		
M		2 BAILER WATER LEVEL 21	0000	GPMHOUE		IN DIA	AGRAM BEL	OW SHOW DISTANCES C	F WELL FRO	M ROAD AN	١D
۲۳.	LEVEL 19-21	END OF PUMPING 22-24	WATER LEVELS D		RECOVERY	LOT L	INE INI	DICATE NORTH BY ARRO	W .		Λ
Ë	125	080	80 08	203 OF 0"	*0 80""				1		Ń
N.	IF FLOWING. GIVE RATE	38-41 P	UMP INTAKE SET AT	WATER AT END O	F TEST 42						.,.
N.	RECOMMENDED PUI	GPM MP TYPE RI		FEET CLEAR	2 CLOUDY						
	SHALLOW		ETTING 050		S GPM				in t	1	
								H		ţ	
	FINAL	1 WATER	SUPPLY S	ABANDONED, INSUF	FICIENT SUPPLY			÷ N	$\left \right ^{-1}$	r a	
	OF WELL		OLE 7 RGE WELL	UNFINISHED					- ليسياه ج	R	
	55	SE 1 DOMES						\$ 13	m	10	
	WATER O		TION 7	PUBLIC SUPPLY	IONING					R	
	002	0 0	THER Hent	Punp D NOT	USED			1		$\int v$	
	METHOD	37 1 CABLE	TOOL	• 🗆 BORING							
	OF		(CONVENTIONAL) (REVERSE) ((AIR)							I	
	DRILLING		RCUSSION			DRILLERS REMAR	KS-				
	NAME OF WELL		11101	1 n-11 119	NCE NUMBER		58 0	CONTRACTOR 59-62 DAT	neese v) 🔏 🚥
TOR	ADDRESS	ny //la	ias Well	Scuttery -	1077	DATE OF INSPE		JG44	000) J
AC	134	1326,	Nich	nond"Oi	d .	ISE		Ĺ.	•		
I I	NAME OF DRILL	TH OT BORER	Man	ý Lici	NCE NUMBER						
မြ	SIGNATURE OF	ONTRACTOR		SUBMISSION DATE	6 82	EFL					
				DAY // MO	<u>YR.</u>	0			FOR	VI NO. 0506-	4-77 FORM 7
	MINISTR	Y OF THE E	NVIRONME	NT COPY					runi		- FEUNM/

	inistry		T	The	e On	tario Wa	iter Resourc	es Act	310	r4e PN
	nvironment	VVA	1 E	510	23					
	1. PRINT ONLY IN 2. CHECK 🗵 CORF	RECT BOX WHERE APPLICABLE	1	515	2 -	CON . BLO	CK. TRACT. SURVEY	ETC		<u>~~~~</u>
Ot	tawa-Carleton	Goulbourn					Conc.	9 DATE COMP	LETED	23
OWNER ISUR	ing Master (Otta	D. ADDRESS. wa)Ltd. 1735 Courtwood	Cres	.: Ot	tawa	, Ont.	K2C 3H5	DAY	∟ мо _08	YR 84
	V 10 8 428	299	<u> </u>		0	4		" 1. 1 1		
	L	OG OF OVERBURDEN AND BED	госк	MATER	RIALS	S (SEE INST	RUCTIONSI	i		
GENERAL COLO	NOST COMMON MATERIAL	OTHER MATERIALS				GENERAL D	DESCRIPTION		DEPTH FROM	FEET TO
Brown	Sand	Boulders				Packed			0	5
Gray	Sand	Gravel		-		Packed	· · · · · · · · ·	<u> </u>	5	57
Gray	Limestone			-		Medium			57	150
Gray	Limestone								120	133
										4.
				-					1 mar	•
									and the second sec	
				_				-		An ing
$\overline{(31)}$	2054281379 005	72281179 015021578	6	1552	15				 _	
32			L L							
(41) v	VATER RECORD	CASING & OPEN HOL	E REC	ORD		Z (SLOT NO	F OPENING	31-33 DIAME	TER 34-38	LENGTH 35-40
WATER FOUND AT - FEET 50-13	KIND OF WATER	INSIDE WALL DIAM MATERIAL THICKNESS INCHES INCHES	FRUM	10			AND TYPE		DEPTH TO TOP OF SCREEN	41-64 10
D1521	2 SALTY 4 MINERAL	6-1 2 GALVANIZED .188	0	25 60			DUNCCINC	9. 5541		
20-23	2 SALTY 4 MINERAL	4 OPEN HOLE		2	0-23	DEPTH SET		ATERIAL AND	TYPE LEAD P	ENT GROUT
25.24	2 GALTY 4 MINERAL	CONCRETE	60	0 150		10-13	14-17			
	1 [] FRESH 3 [] SULPHUR 2 [] SALTY 4 [] MINERAL	24-25 1 L'STEEL 26 2 GALVANIZED	450	2	7 - 30	18-21	22-25			
30-33	1 🗌 FRESH 3 🗌 SULPHUR 34 2 🔲 SALTY 4 🗌 MINERAL	CONCRETE 4 CXOPEN HOLE	150	0155		26-29	30-33 80			
71 PIMPING TES	T METHOD 10 PUMPING RA	TE 11-14 DURATION OF PUMPING	-18	39	714	LO	CATION O	F WEL	L	
STATIC	WATER LEVEL 25 PILINE NG WATER	LEVELS DURING 2 RECOVERY			DIAG	RAM BELOW	SHOW DISTANCE	S OF WELL ROW.	FROM ROAD #	
TEST	19-21 22-24 15 MINUTES 26	5 30 MINUTES 45 NINUTES 60 MINUTE 28 29-31 32-34 35	-37	X _			$\Omega^{\#}$	5		
U 015 Z IF FLOWING. GIVE RATE	FEET 040 FEET 040	EET 040 FEET 040 FEET 040 F	42	ll.					Sto	inley
	GFM. CD PUMP TYPE RECOMMEND	FEET 1 CLEAR 2 CLOUD eD 43-45 RECOMMENDED 46	·49			{			G	rnep
6 SHA	LLOW DEEP SETTING	060 FEET RATE 0005 G	PM							
	54 1 SP WATER SUPPLY	S 🔲 ABANDONED, INSUFFICIENT SUPPL				Ha				
STATU	2 DOBSERVATION WI 3 DISERVATION WI 3 DISERVATION WI	ELL & ABANDONED POOR QUALITY 7 UNFINISHED					ley Ave,	East.	. •	
	55-56 1 C DOMESTIC					egy)	107	0'		
WATE	ROI 2 STOCK 3 INRIGATION 4 NDUSTRIAL	 MUNICIPAL PUBLIC SUPPLY Cooling or Air Conditioning 				, . 	3	$\frac{1}{1}$		•
USE		•				₹ ₩		} }		
METHO	D CABLE TOOL 1	50-155' C BORING NTIONAL) 7 D DIAMOND				je j	1 40+**	21		
OF DRILLI	NG 3 ROTARY (REVERS 4 ROTARY (AIR) 5 AIR PERCUSSION	SE) • 🖬 JETTING 9 🗍 DRIVING			EMADES	₹ I				
NAME OF W	VELL CONTRACTOR	LICENCE NUMBER		DATA SOUPCE	N N N	SB CON	TRACTOR 59-62	DANE E	098	4
Capi	ital Water Supply	/ Ltd. 1558		DATE OF	INSPEC	TION	INSPECTOR	<u>və</u>		✓
BOX NAME OF D	490: Stittsville	C. Ont. KOA 3GO			5					
W. K	(avanagh / J. Moo							•		
	Kaipna	DAY 22 MO OS VA	<u>a</u> [5			2. 			
N	INISTRY OF THE EN	VIRONMENT COPY						~ ,	FORM NO. 050	6—4—77 FORM 7

�� °	linistry f the		VAT	The C	Ontario	Water Resource		RD
Ontario E		ACES PROVIDED	1	15193	3.07	15003		22 23 74
COUNTY OF THETH		TOWNSHIP, BOROUGH CITY. TOV	WN. VILLAGE		CON	BLOCK THACT SURVEY	etc 03	LOT (5-27
		B _{rx}	848	Stitter	Ile ,	KOA 360	DAY 30 MO	°" ,84
		0,9,9,0	9.9 4	ELEVATION 041	૦્રૠ૾ૣ	BASIN CODE		
		G OF OVERBURDEN AN	ND BEDRO	CK MATERI	ALS ISEE	INSTRUCTIONS	DEPTI	4 - FEET
GENERAL COLO	NOST OUR COMMON MATERIAL	OTHER MATERI	ALS		GENE	RAL DESCRIPTION	FROM	TO
grey	sand.						0	26
quy	l'inestore						26	185
						1		
	/							
31 32 41 WATER FOUND AT - FEET 10-13 0/80 15-18 20-23 25-21 30-33 T - LEV STAI OF W STAI OF W	0 14 15 0 14 15 0 14 15 1 14 15 21 WATER RECORD 1 15 2 SALTY 4 15 2 SALTY 4 16 1 17 2 SALTY 4 16 1 17 2 SALTY 2 SALTY 4 16 1 17 2 SALTY 2 SALTY 2 SALTY 4 10 15 FRESH 16 FRESH 17 FRESH 2 SALTY 4 MINERAL 2 SALTY 4 MINERAL 2 SALTY 4 MINERAL 2 SALTY 4 MINERAL 2 SALTY 10 PUMPING	SILE 1 32 32 32 32 32 32 33 32 34 ATERIAL 10-11 STEEL 10-11 STEEL 10-11 STEEL 10-11 STEEL 10-12 GALVANIZED 10-13 STEEL 11-14 OPEN HOLE 12 GALVANIZED 3 CONCRETE 4 OPEN HOLE 24-25 STEEL 26 CONCRETE 26 CONCRETE 26 CONCRETE 27 GALVANIZED 3 CONCRETE 4 OPEN HOLE 24-25 GALVANIZED 3 CONCRETE 4 OPEN HOLE 12 GALVANIZED 3 CONCRETE 4 OPEN HOLE 10 CONCRETE 4 OPEN HOLE 11 CLEAR 12 GALVANIZED 30 <td< th=""><th>PING PING</th><th>L L L L L L L L L L L L L L L L L L L</th><th>diagram e</th><th>PLUGGINC TERIAL AND TYPE PLUGGINC TH SET AT - FEET DM TO 10-13 14-17 18-21 22-25 26-29 30-33 80 LOCATION O SELOW SHOW DISTANCE INDICATE NORTH BY AF</th><th>S & SEALING REC</th><th>LENGTH 35-44 LENGTH 35-44 P 41-44 3 FEET CORD EMENT GROUT D AND D AND M</th></td<>	PING PING	L L L L L L L L L L L L L L L L L L L	diagram e	PLUGGINC TERIAL AND TYPE PLUGGINC TH SET AT - FEET DM TO 10-13 14-17 18-21 22-25 26-29 30-33 80 LOCATION O SELOW SHOW DISTANCE INDICATE NORTH BY AF	S & SEALING REC	LENGTH 35-44 LENGTH 35-44 P 41-44 3 FEET CORD EMENT GROUT D AND D AND M
WAT US MET O DRIL	2 STOCK 3 IRRIGATION 3 IRRIGATION 4 INDUSTRIAL 0 OTHER 4 OTHER 57 1 CABLE TOOL 2 ROTARY (CONVE 3 ROTARY (REVER 4 S ROTARY (AIR) 5 TATA PERCUSSION	6 MUNICIPAL 7 PUBLIC SUPPLY 8 COOLING OR AIR CONDIT 9 NOT 9 NOT 6 BORING NTIONAL) 7 DIAMOND SE) 4 JETTING 9 DRIVING	TIONING USED	DRILLERS RI	EMARKS	en Gilbent	t Ave	
	Den sy Mains W Den sy Mains W Det 326, 19 Det DRILLER OF BEREF TURE OF CONTRACTOR	Manns Lice	ence number BG44 A ence number vr	ATA SOURCE UATE OF US SOURCE UATE OF US SOURCE UATE OF US SOURCE UATE OF US SOURCE UATE OF US SOURCE	INSPECTION S	SA CONTRACTOR 59.62 36 44 INSPECTOR	рони NO	8 4 **

5 anii 1

		-				The O				31	G4e
6	hini	stry ie				FR		Water Resour		CO	RD
	J Envi	ronment						MUNICIP.	CON.		
Unita		1. FRINT ONLY IN 2. CHECK 🛛 CORR	SPACES PROVIDED) (5193	8 U	15.0.03			
COUNT	Y OR DISTRICT		TOWNSHIP, BOROUG	Goulbour	n		CON	Conc. 9	1. EFC.		022 "
				Pickford D	rive	. Kanata	Ont	K21 205	DATE COM	РLETED <u>3 но 08</u>	ч.53 ук <mark>84</mark>
			NG	099999	μ.		μ. Γ				,v
		M 10 12	DG OF OVERBUF	RDEN AND BE	DROC	K MATERIAL	30 .S (SEE	31			<u>47</u>
GENE	RAL COLOUR	MOST COMMON MATERIAL	отн	ER MATERIALS			GENEI	RAL DESCRIPTION		DEPTH FROM	· FEET
Br	own	Sand	Gravel			Pack	ed			0	6
Gr	ay	Sand	Gravel			Pack	ed			6	29
Gr	ay	Limestone				Medi	um			29	150
Gr	ay	Limestone				Medi	um		·	150	* 204
							- <u>.</u>	<u></u>			
		- <u>-</u>									
											n
				<u> </u>							
	10000	1198.124 4.00						1 1 1 1	11		
32					L⊥J¶ 						
41	••••••••••••••••••••••••••••••••••••••	TER RECORD	51 CASIN	G & OPEN HO	DLE RE	CORD	Z SIZE	54 (S) OF OPENING DT NO)	65 31-33 DIAME	TER 34-38	75 80 LENGTH 39-40
WATER AT	R FOUND FEET	KIND OF WATER	INSIDE DIAM. MATERI INCHES	AL THICKNESS	DE FROM	PTH - FEET TO		ERIAL AND TYPE		INCHES DEPTH TO TOP OF SCREEN	FEET 41-44 30
020	4 ¹ ¹ X	FRESH 3 _ SULPHUR ** SALTY 4 _ MINERAL	0610-11 1 X STEEL 6 1 2 GALVA	12 NIZED 188		13-16	٥ ٥	<u></u>			FEET
	15-18 2	FRESH 3 [] SULPHUR ¹⁹ Salty 4 [] Mineral		HOLE	`	20-23	61 DEPTH		G & SEAI		
	20-23 1 [] 2 []	FRESH ³ D SULPHUR ²⁴ SALTY ⁴ MINERAL		NIZED RETE	32	2 0204	FROM	TO 10-13 14-17		D TYPE LEAD P	CKER, ETC.)
	25-28 1 [] 2 []	FRESH 3 SULPHUR 29 SALTY 4 MINERAL	24-25 1 G STEEL	HOLE 26		27-30		18-21 22-25		· · ·	
	30-33 1 [] 2 []	FRESH 3 🗍 SULPHUR ³⁴ 0 Salty 4 🗌 Mineral	2 GALVA 3 CONCE 4 OPEN	NIZED RETE HOLE			21	6-29 30-33 80		-	
<u>m</u> .	UMPING TEST MET	HOD 10 PUMPING RATI	E 11-14 DURATI	ON OF PUMPING	17.18	650	7 1	LOCATION C	FWEL	L	
Υ-	STATIC	2 BAILER C			MINS		GRAM BEI	LOW SHOW DISTANCE	S OF WELL	FROM ROAD A	ND
EST	LEVEL 19-21	PUMPING 22-24 15 MINUTES 26-2	30 MINUTES 45	2 RECOVERY MINUTES 60 MINU 32-34	rES 15-37	201 21					
	026 FEET	090 FEET 050 FE 38-47 PUMP INTAKE	ET 090EET 09	AT END OF TEST	FEET	X	• •) 0	- 1		
WPIL	GIVE RATE	GPM	FEET 1	CLEAR 2 X CLO	UDY		#	aky the	East		
IS .	SHALLOW	DEEP SETTING	150 EET. RATE	^{rg} 000 5	GPM	ſ		260 167			
	-53	34				,		1 1		b	
	FINAL STATUS	1 LY WATER SUPPLY 2 D OBSERVATION WEI 3 D TEST HOLE	S 🗌 ABANDONEI LL S 🗌 ABANDONEI 7 🗍 UNFINISHE	D. INSUFFICIENT SUP D. POOR QUALITY D	PLY						
'	OF WELL	4 C RECHARGE WELL					\bigcirc			0	
	WATER	2 STOCK 3 IRRIGATION	6 🗍 MUNICIPAL 7 📋 PUBLIC SUPPLY				C	onc y			
	USE O	4 I INDUSTRIAL	COOLING OR AI	R CONDITIONING							
	METHOD	2 CABLE TOOL 15		RING		($\int Or$	nc 8	5t	anley p	
1	OF DRILLING	3 C ROTARY (REVERSE 4 C ROTARY (AIR) 5 E AID REPOUSSION	E) I D JE 9 D R	TTING IVING							
	NAME OF WELL		U- 15U /	LICENCE NUMBER		DRILLERS REMARK	S: 58	CONTRACTOR 59-62	Dre Raivel	190	63-61 10
B B	Capital	Water Supply	Ltd.	1558		DATE OF INSPEC	TION	1558	LO	140	
ACT	Box 490	; Stittsville,	Ont. KOA 3	30	[]	C SE C					
ONTI	N. Kava	inagh / J. Moor	e	LIGENCE NUMBER							
Ō	SIGNATURE OF	Kana Maal		date <u>1 mo 08</u> yr	84	OFF		-			
	USTRY O	F THE ENVIRONM	ENT COPY					· · · · · · · · · · · · · · · · · · ·		FORM NO. 0506	477 FORM 7

Ne		
1-	Outorio	
r	Untario	

Ministry of the Environment

Well Tag No. (Place Sticker and/or Print Below)

Well Record

Regulation 903 Ontario Water Resources Act Page____ of

Measureme	ents recorde	ed in: 🕅 Me	tric 🗌 In	nperial							Page	•	of
Well Own	er's Infor	mation	12 Carl					C well Address		1111			
First Name		Las	st Name / O avanagh	rganizatio	truction	n		E-mail Address			by Well Owner		
Mailing Add	ress (Street	Number/Name	avanagn e)	Cons	M	unicipality		Province	Postal Code	T	Telephone	No. (inc.	area code)
R.R.#2	L.					Ashton		Ontario	KOA 1BO		613 2	257 29	18
Well Loca	tion					1111111	HUILI	<u>en en e</u>	Lot		Concessi	on	
Address of \ 1876 St	Well Locatio	11e Main	Street			ownsnip Goulboui	rn		22		ç)	
County/Dist	trict/Municip	ality	Dereet		C	ity/Town/Villa	ige	1		Provin	ce	Postal	Code
Ottawa	Carlet	on	Net	Ale in a		Stittsv:	ille	t Number		Other	ario		
UTM Coordin	ela 118	428360		tning 501.028	9	iunicipai Piai	r and Subio	it Number	100 C	Guier			
Overburde	en and Bed	Irock Material	Is/Abandor	nment Se	aling Reco	rd (see instruc	ctions on the	back of this form)		1.11		Dee	Ale (100 (0))
General Co	blour	Most Commo	on Material		Oth	er Materials		Gener	al Description	1		From	To
	We	ell drill	ed May	11, 1	998	Jim Wa	alker						
		Well L	og # 18	33849									
													1
								a second and the					
			Annular	Space					Results of W	ell Yiel	Id Testin	ig .	0000000
Depth Se From	et at (<i>m/ft</i>) To		Type of Sea (Material an	lant Used d Type)		Volume (m ³ /	/ft ³)	Clear and sand f	water was. ree	Time	Water Le	evel Time	Water Level
53.3	0	Bentoni	te 3/4	" inch	Hole H	lug		Other, specify		(min) Static	(m/ft)	(min)	(m/ft)
						(40 ba	es)	If pumping discontinue	d, give reason:	Level			
1.00									1911	1		1	
								Pump intake set at (r	n/ft)	2		2	
Moth	had of Co	petruction			Well IIs			Pumping rate (I/min /	GPM)	3		3	
Cable To		Diamond	Put	olic	Comme	arcial	Not used	Duration of sumpling		4		4	
Rotary (Conventional) Jetting	Do	mestic	Municip	al 🗌	Dewatering Monitoring	hrs +	min	5		5	
Boring	Neverse)	Digging		gation	Cooling	& Air Conditio	oning	Final water level end o	of pumping (m/t)	10		10	
Other, s	ussion pecify		Ind Oth	ustrial ner, s <i>pecify</i>				If flowing give rate ///	min / GPMI	15		15	
	Col	nstruction Re	ecord - Cas	ing		Status	of Well		min / Gr my	20		20	
Inside Diameter	Open Hole (Galvanize	e OR Material	Wall Thickness	Dep	th (<i>m/ft</i>)	Water S	Supply	Recommended pum	p depth (m/ft)	25		25	
(cm/in)	Concrete,	Plastic, Steel)	(cm/in)	From	То	Test Ho	le	Recommended pum	p rate	20		20	
						Recharg	ge Well ring Well	(I/min / GPM)		30		30	
	1.00					Observa	ation and/or	Well production (Vmi	40		40		
						Alteratio	on	Disinfected?	50		50		
						Abando	oned,	Yes 🗌 No		60		60	
BREED	C	onstruction Re	ecord - Scre	en	212125311	Abando	ent Supply oned, Poor		Map of V	Vell Lo	cation		
Outside Diameter	(Plastic, Ga	aterial Ivanized, Steel)	Slot No.	Dep	th (m/ft)	Water C	Quality oned, other,	Please provide a map	below following	g instruc	aons on t	ne dack.	
(cm/in)				TION	10	specify		1					
-						Other, s	specify	E					
-	1.000							571	TTSUILLE	M	AIN	STRE	57
Water four	nd at Depth	Water Det Kind of Water	ails : Fresh	Unteste	d Dep	Hole Diame oth (<i>m/ft</i>)	Diameter						
(1	n/ft) 🗌 Gas	Other, spe	cify		From	То	(cm/in)	i				i	
Water four	nd at Depth	Kind of Water	Fresh	Unteste	d						0	1	
Water four	nd at Depth	Kind of Water	: Fresh	Unteste	d							1	
(1	n/ft) 🗌 Gas	Other, spe	cify		_			!	#	1071			
Rusiness N	W Jame of We	ell Contracto	r and Well	Technic	ian Informa	ation Iell Contractor's	Licence No.					i	
Capita	al Wate	r Supply	Ltd.			1 5	5 8	1				1	
Business A	Address (Str	eet Number/Na	me)		М	unicipality	11.	Comments:		19			
Province	90 F	Postal Code	Busines	s E-mail A	ddress	stittsvi	lile						
Ontari	io	K2S 1A6	off	icea	capital	water.ca	9	Well owner's Date	Package Delive	red	Mi	nistry Us	se Only
Bus.Teleph	one No. (inc.	area code) Na	me of Well	Technician	(Last Name	, First Name)	200	delivered YYYYMMDD 7115621					
Well Technic	Vell Technician's Licence No. Signature of Technician and/or Contractor Date Submitted							Yes Date Work Completed					
0 0	0 9 7 Kills 2 0 1 0 0 9 2							X No 2 0	1000	1 12 12	Receive	d U.	2010
0506E (2007	/12) © Que	en's Printer to Ohi	ang 2007			Ministr	y's Copy	y					

Ministry of the Environment and Climate Change	lace Sticker and/or Print Below) Regulation 90	Well Record
Measurements recorded in: Metric Imperial Well Owner's Information		Page of
First Name Last Name / Organizaten . TACS-CA	YANAGA Email Address	Well Constructed by Well Owner
Mailing Address (Street Number/Name) MOAL (ANAMASIA ROAD NAMA	Y Province Postal Code	Telephone No. (inc. area code)
Well Location Address of Well Location (Street Number/Name) Township	Lot 1	Concession
County/District/Municipality City/Town/	Village Pi	rovince Postal Code
UTM Coordinates Zone, Easting Northing Municipal	Image: March 1 Image: March 2 C Plan and Sublot Number O	Intario
NAD 8 3 A A BOSTA DED 1600 D Overburden and Bedrock Materials/Abandonment Sealing Record (see in	istructions on the back of this form)	
General Colour Most Common Material Other Materia	als General Description	Depth (<i>m/ft</i>) From To
EXISTING EDmullo	SRIPPER WELL	Noto A.F.
ABANDANED JAK	2/209.	1815
Annular Space	me Placed After test of well vield, water was:	Yield Testing Draw Down Recovery
From To (Material and Type) (Material and Type)	(m³/ff ²) ☐ Clear and sand free ☐ (Time Water Level Time Water Level (min) (m/ft) (min) (n/ft)
Sept. + DEVERTIC THEFTER O	If pumping discontinued, give reason:	evel
	Pump intake set at (m/ft)	$\frac{1}{2}$ $\frac{\gamma}{2}$
	Pumping rate (Vmin / GPM)	3 3
	Not used Duration of pumping	4 4
Rotary (Conventional) Country Conventional Country (Reverse) Driving Livestock Test Hole Boring Digging Infigetion Cooling & Air Convention	Monitoring Monitoring Final water level end of pumping (m/ft)	5 5
Air percussion Industrial Other, specify Other, specify	If flowing give rate (//min / GPM)	15 15
Construction Record - Casing Star Inside Open Hole OR Material Wall Depth (m/ft) Wall	tus of Well (2017) er Supply Recommended pump deptin (m/ft)	20 20
Diameter (Galvanized, Fibreglass, Thickness (cm/in) Concrete, Plastic, Steel) (cm/in) From To	Accement Well Recommended pump rate	25 25
	narge Well (I/min / GPM)	40 40
	value and of Well production (Vmin / GPM) intoring Hole ration	50 50
	Instruction)	60 60
Outside Material Slot No Depth (m/ft)	ndoned, Poor er Quality Please provide a map below following	Instructions on the back.
(<i>cm/in</i>) (Plastic, Galvanized, Steel) Gio No. From To	ndoned, other,	M Mell
	R. spgcity	Alandared
Water Details Hole Dian	neter	17 3 209
(<i>m/ft</i>) Gas Other, specify		RASTENIA
(m/ft) Gas Other, specify	10141	Akin St.
(m/ft) Gas Other, specify	1 Next Pickage //	A.H
Well Contractor and Well Technician Information Business Name of Well Contractor Well Contractor Well Contractor	tor's Licence No.	Yerade.
Business Address (Street Number/Name) Business Address (Street Number/Name) Business Address (Street Number/Name)	12 Comments:	· · · · · · · · · · · · · · · · · · ·
Province Postal Code Business E-mail Address	March V	
Bus Telephone No. (inc. area code) Name of Well Technipian (Last Name, First Name	Well owner's information package Date Package Delivered VI V V V MIMO	Ministry Use Only Audit No: Z252122
Well Technician's Licence No. Signature of Technician and for Contractor Date Submit	ted 127	7 13 2019
0506E (2014/11) Min	istry's Copy	© Queen's Printer for Ontario, 2014

				The O	ntario We	ater Resource	s Act	164	+e
Mir of t	histry the		WAT	'ER V	WE	ILL F	REC	OF	RD
	vironment	-		15186	A A				
Ontario	1. PRINT ONLY IN S 2: CHECK 🛛 CORRE	PACES PROVIDED				OCK. TRACT. SURVEY.			25.27
COUNTY OR DISTRICT	Garlaton	TOWNSHIP, BOROUGH, CIT	ulbourn			Conc. 9)		027
		tts	sville. O	ntario.	KOA 3G	n	DATE COMPLETED	<u>10</u>	и Ук. <u>83</u>
			799 4	ELEVATION	4	2161			
						31			"
	MOST	OTHER M	ATERIALS		GENERAL	DESCRIPTION	FI	DEPTH - F	EET . TO
GENERAL COLOUR	COMMON MATERIAL	Pouldana		Pack	ed			0	10
Brown	Sand	bourders		Pack	ed			10	50
Gray	Sand	Gravel & B	oulders					50	54
Gray	Limestone			Medi	um			54	160
Gray	Limestone			Medi	um		1	160	175J
					<u> </u>				
								para care a	
								E TYTE	
	10/139/2170 005	0222826 00	512291113	6175221	78				
32									
	IATER RECORD	51 CASING	& OPEN HOLE	RECORD	SIZE(S)	OF OPENING	31-33 DIAMETER	34-38 LEI	IGTH 39-40 FEET
WATER FOUND AT - FEET	KIND OF WATER	INSIDE DIAM MATERIAL INCHES	WALL THICKNESS F -INCHES F	ROM TO		IAL AND TYPE	DEPT OF 50	H TO TOP	41-64 30
0155	1 2 FRESH 3 SULPHUR 2 SALTY 4 HINERAC	2 GALVANIZI	¹² 188	0 00 57				0.05005	
0 170 *	1 K FRESH 3 SULPHUR ¹⁹ 2 SALTY 4 SMINERAL		E	57 175	61 DEPTH SE		ATERIAL AND TYPE	ICEMEN	GROUT
20-23	1 FRESH 3 SULPHUR 24 2 SALTY 4 MINERAL		ED	0175	FROM 10-	TO 13 14-17			
25-24	1 [] FRESH 3 [] SULPHUR 29 2 [] SALTY 4 [] MINERAL	24-25 1 D STEEL	.E	27-30	18.	21 22-25	· · · · · · · · · · · · · · · ·		
30-33		2 GALVANIZ 3 CONCRETE	ED		26-2	29 30-33 80			
	T METHOD 10 PUMPING RA	TE 7 11-14 DURALION	DF PUMPING	1	L (OCATION O	F WELL		
71 1 PUK	NP 2/18 BAILER	GPM	15-16 00 17-18 HOURS MINS	IN D	IAGRAM BELO	W SHOW DISTANCE	S OF WELL FROM	M ROAD AN	DII
	WATER LEVEL END OF PUMPING 19-21 22-24 15 MINUTE	LEVELS DURING 2	RECOVERY	LOT	LINE. INDI	\sim $+$ $-$	ROW		
0 40	100 100°	-24 10029-31 10 EET FEET	()32-34 1()()37 FEET FEET	<u> </u>	(10-5			
GIVE RATE	38-41 PUMP INTAK		END OF TEST 42 X LEAR 2 CLOUDY						
	GPM D PUMP TYPE RECOMMEND X PUMP	ED 43-45 RECOMMEN	000 5 46-49			has			
50-53	LLOW DEEP SETTING	FEET RATE	GPM			L	31		
FINAL	54 1 WATER SUPPLY	S ABANDONED, I	INSUFFICIENT SUPPLY	1 -					
STATU	S S CONSERVATION W S CONSERVATION W	ELL & ABANDONED 7 UNFINISHED	POOR QUALITY		$\mathcal{T}_{\mathcal{T}}$	eq la	¥1		
	55-56 1 DOMESTIC			11 \		JA		~	
WATE	R 01 3 I IRRIGATION	PUBLIC SUPPLY	CONDITIONING		K	-~···		с О	6
0.52		• 0 601-1751	NOT USED	K.	X., 1		(L)	Š	Ř
метно	DD 2 ROTARY (CONVE	INTIONAL) 7 DIAM	NG OND	11 176		Kildon	./	ŏ	00
OF DRILLII	I 3 C ROTARY (REVER 4 C ROTARY (AIR) 5 E AIR PERCISSION	se) I Jetti N 0-1 60 ¹ Drivi	ING		ARKS	- aut			<u>_</u> '
NAME OF V	NELL CONTRACTOR		LICENCE NUMBER		58 0	CONTRACTOR 59-62	DATE DEIR	11	83.
e Cap	ital Water Su	pply Ltd.	1558	DATE OF IN	SPECTION	1558	40		V U
ADDRESS	490: Stittsv	ille, Ont. J	KOA 3GO		-				
	Kavanagh / C.	Sparks	LICENCE NUMBER						
SIGNATURI	E OF CONTRACTOR		MO KO -8	8 0 1 1 1 0	and the second s				
LHL		ONMENT COPY			````````````````````````````````	<u></u>	FOF	RM NO. 0506	-4-77 FORM
WINE									

	Miniet	· · · · · · · · · · · · · · · · · · ·			·	The C	Ontario	Water Reso	ource	es Act	3	1640
(8)	of the			WA	\T	'ER	W	ELL	F	RE	CO	RD
Ontario		1. PRINT ONLY IN	SPACES PROVIDED			15195	42	NUNICIP	03	ĈØI	V .,,	0.9
COUNTY OR	DISTRICT		TOWNSHIP, BORO	UGH. CITY, TOWN, VILL	AGE	<u> </u>	CON	BLOCK, TRACT. SI				22 23 21 LOT 25-27
				GOUIDOURN	bood	Croc • Ot	+ 21/2	Opt K20	200 200	DATE COMPL		4-53
					<u>1000</u> 4			MASIN CODE	<u></u>		NO	
	M	10 12 L	DG OF OVERBL	JRDEN AND BE	DRO	CK MATERIA		31 INSTRUCTIONS)				47
GENERAL	COLOUR	MOST COMMON MATERIAL	то	HER MATERIALS			GENEF	RAL DESCRIPTION	i 		DEPTH FROM	- FEET TO
Gray		Sand & Grave	l Smal	l Boulders							0	5
Gray		Sand & Bould	ers					· · · · · · · · · · · · · · · · · · ·			5	12
Gray		Limestone		х Х		Me	dium	Hard			47	47
			· *	τ τ			-					
		<u></u>						<u> . </u>			E	
									<u>.</u>		124	
							<u>-</u>				And the second	
		<u> </u>										
3	00051	28/11/12 00/2		0047228		9/702/5	18 73					
32				32		<u></u>				65		
41 WATER FOU		R RECORD	51 CASI		DLE R	ECORD		T NO I	31-3		INCHES	FEET
0160	10-13 X F 2 C S	RESH 3 🗍 SULPHUR ¹⁴ Alty 4 🗌 Mineral		INCHES	FRC	IM TO I3-16	SCI	ERIAL AND TYPE			DEPTH TO TOP DF SCREEN	41-44 30 FEET
1	15-18 1 [] F 2 [] S	RESH 3 🗍 SULPHUR ¹⁹ Alty 4 🗍 Mineral		CRETE .188		0	61	PLUGG	ING	& SEALI	NG RECO	RD
20	0-23 1 _ F 2 _ S	RESH 3 🗍 SULPHUR ²⁴ Alty 4 🗍 MINERAL	17-11 □ STEI 5-7 1 □ GAL 3 □ CON	EL 19 ···································	5	50 (0 170	FROM	10 14-17	MAT	ERIAL AND	TYPE CEME	NT GROUT. NCKER. ETC.)
2	5-28 1 🗆 F 2 🗌 S	RESH 3 🗍 SULPHUR 29 Alty 4 🗋 Mineral	24-25 1 GAL	N HOLE EL 26 VANIZED		27-30		1-21 22-25				
30	0-33 1 🗆 F 2 🗆 Si	RESH 3 🗍 SULPHUR ³⁴ 10 Alty 4 🗌 Mineral	3 🗌 CON 4 🗌 OPE	CRETE N HOLE			26	-29 30-33	80			
	NG TEST METHOD	10 PUMPING RATE	11-14 DURA	IS-16 HOURS	17-10 MINS	6556	L	OCATION	0 F	WELL		
	TATIC W LEVEL	ATER LEVEL 25 END OF WATER L PUMPING	EVELS DURING	1 N PUMPING 2 RECOVERY		IN DIA LOT L	GRAM BEL INE. INI	OW SHOW DISTA DICATE NORTH B	NCES C Y ARRO	DF WELL F	ROM ROAD A	ND
TES	915 FEET	22-24 120 FEET 120 FEET	30 MINUTES 4 29-31 120 FEET	5 MINUTES 60 MINU 32-34 120 FEET 120	TES 35-37 FEET					₽ ⁴		
	DWING. Rate	38-41 PUMP INTAKE	SET AT WAT	ER AT END OF TEST	42 U D Y							
	IMENDED PUMP T	YPE RECOMMENDED PUMP DEEP SETTING	43-45 RECO PUMP 450EET. RATE		6-49 GPM			lest	he.	£		
50-53		^						Hear J				
FI ST/	NAL ATUS	1 WATER SUPPLY 2 DOBSERVATION WEL 3 DTEST HOLE	5 🗌 ABANDON L 6 🗌 ABANDON 7 🗌 UNFINISI	IED, INSUFFICIENT SUP IED, POOR QUALITY 1ED	PLY	للا	-	·				
OF	WELL /	RECHARGE WELL DOMESTIC	S COMMERCIAL			Mer	F				_	
w/	ATER JSE D	2 D STOCK 3 D IRRIGATION 4 D INDUSTRIAL	MUNICIPAL PUBLIC SUPP COOLING OR	LY AIR CONDITIONING®		te			Lo	+	5	
		П ОТНЕВ	9	- NOT USED		lea l						
ME	THOD OF	CABLE TOOL 2 ROTARY (CONVENT ROTARY (REVERSE	01 ,70 ;	BORING DIAMOND JETTING								
DRI		4 🗋 ROTARY (AIR) 5 🗶 AIR PERCUSSION	0-150	DRIVING		DRIULERS REMARK	(s:					
	of Well CON	Water Sunnly	Ltd.	LICENCE NUMBER			58 (ONTRACTOR 59	-62 DATI		010	•3-•1 •0
ADDR	Box 490	; Stittsville	, Ont. KOA	3G0			TION	INSPECTO		₩ <u>₩</u>	~ (5 0
		DR BORER	J.Mm	LICENCE NUMBER							<u>_</u> .	
U SIGN	ATURE OF PON	PRACTOR	SUMMISSIO			₩E						
LY	1)9X	UC/UM) DAY	<u> MO. <u>04</u> yr</u>	<u>83</u>	ō						

Ø	Ontario	Minis of th
		Envi

istry e iron**men**t

۰. *

Print only in spaces provided. Mark correct box with a checkmark, where applicable. 1532214

5

·· ---

• ----

11

The Ontario Water Resources Act WATER WELL RECORD

County or District	arleton		Township/E	Township/Borough/City/Town/Village					Con block tract survey, etc. Lot 25-27 9 22				
			Address	vertiroo	k Lane	Kanai	a ON.	K2K 11.5	Date completed	27 08	01 48-53		
21	U)			Northing		RC Eleva	ation RC	Basin Code	<u> </u>	<u>uay 1</u> iii	iv		
	T L_1						e instruct			<u></u>			
General colour	Most common materia		Other	materials			Genera	al description		Dept From	h - feet To		
Brown	sand				<u></u>					0	10		
Brown	sand									10	24		
Grey	limestone								· · · · · · · · · · · · · · · · · · ·	24	98		
								· ·					
				<u></u> <u></u>					· · · ·				
			•				~ .						
	2	<u>lote: cas</u>	ing was	<u>left l</u>	<u>2" ab</u>	we gro	und lev	<u>rel at ti</u>	une or a				
										1			
31													
32											75 80		
41 WAT	ER RECORD	51 CA Inside	SING & OP	EN HOLE F	RECORD Depth	- feet	Sizes (Slot N	of opening lo.)	31-33 Diameter	34-38 Len	gth ³⁹⁻⁴⁰ feet		
at - feet 70 10-13 1	Fresh 3 Sulphur 14	diam inches	Matenal Steel ¹²	inches	From	To 30 ¹³⁻¹⁶	Materia	al and type		Depth at top	of screen 30		
2 88 15-18			Galvanized Concrete Open hole		•		0				feet		
	A Minerals	5 [] ¹⁷⁻¹⁸ 1 []	Plastic Steel ¹⁹			20-23	61	PLUGGING	& SEALIN	Abandon) ment		
20-23 1 2	□ Fresh 3 □ Sulphur 24 4 □ Minerals □ Salty 6 □ Gas	6 ² 4 3 4	Galvanized Concrete Open hole		30	75	Depth se From	t at - feet To Mat	erial and type (Co	ement grout, t	entonite, etc.)		
25-28 1 2	□ Fresh ³ □ Sulphur ²⁹ 4 □ Minerals □ Salty ⁶ □ Gas	24-25 1 .	Plastic Steel ²⁶		<u> </u>	27-30	10-13 18-21	14-17 22-25					
30-33 1	□ Fresh ³ □ Sulphur ³⁴ 60 □ Salby ⁴ □ Minerals	5 3/4 ²	Galvanized Concrete Open hole		75	9 8	26-29	30-33 80					
	Gas Gas	5	Plastic										
71 Pumping test	Image: Second		15-16 Hours	17-18 Mins	\rightarrow	In diagram	L(n below sh	OCATION OF ow distances	of well from i	road and lo	ot line.		
Static level	end of pumping 22-24 15 minutes	during 1 🛣 Pur	mping 2 minutes	Recovery 60 minutes		Indicate n	orth by arr	ow.					
S 11 feet	18 feet 18 feet	18 feet	18 feet	18 feet		Hur	tley	RCI (0.0. 4	5)			
If flowing give	rate 38-41 Pump intake set	at Wa feet	ter at end of test	t 42 Karal Cloudy				_	1				
C. Recommended	pump type Recommended pump setting	43-45 Ri 70 teat	ecommended ump rate	46-49 5 GPM		(\frown	Urc	dere	<u>s</u> .			
50-53						•				- 7			
FINAL STATU	JS OF WELL 54 upply 5 Abandoned,	insufficient supply	9 🗌 Unfinish	ed			ze						
² 🗌 Observa ³ 🗌 Test hole ⁴ 🗌 Recharg	e 7 Abandoned e 8 Dewatering	(Other)				\mathcal{P}		/)			
WATER USE	55-56					JC5	e"		1)			
2 Domesti 2 Stock 3 Irrigation	c 5 Commercial 6 Municipal 1 7 Public suppl	y				•		Г	76				
4 🗌 Industria	al 8 □ Cooling & ai	r conditioning						·	45'	29'			
METHOD OF	CONSTRUCTION 57 kol 75-98 5 X Air percussion	on	⁹ Driving										
² □ Rotary (³ □ Rotary (⁴ 🙀 Rotary (reverse) ⁷ Diamond air) ⁸ Jetting		¹¹ Other							<i>'</i> 230	230		
Name of Well Cor	tractor		Well Contracto	r's Licence No.		a	58 Contracto	r	59-62 Date rec	eived	63-68 80		
Capital	Water Supply Ltd	3.	1558			rce	1	558	SEF	<u>17</u>	2001		
Address Box 490	, Stittsville, O	N. K2S 1/	A6			e or inspection					<u></u>		
Name of Well Tec S. Mille	innician er & P. Stanton		Well Technicia	n's Licence No. TOO86	ART& Bei	marks				CSS.i	ES1		
Signature Pech	inician/Contractor		Submission da	te 8 ()1									
CT Y MUC			uay - / mo		I L					0506 (07)	00) Front Form		

^{2 -} MINISTRY OF THE ENVIRONMENT COPY

🕅 Ontario	
-----------	--

Ministry of the Environment

.

and a second second

Print only in spaces provided. Mark correct box with a checkmark, where applicable. The Ontario Water Resources Act WATER WELL RECORD

11	1532215						
Township/Borough/City/	Town/Village	Con block	tract	sur			

....

County or District	arleton	Township/Borough/City/T	own/Village	Con 9	block tract survey.	, etc. I	_ot ²⁵⁻²⁷ 22
		Address	on Cr., Stitt	sville, ON.	Date K2S completed	27	08 01 month was
	U i i	Northing		ation RC Basin	n Code ii	<u>day</u> iii	iv
				ee instructions)			47
General colour	Most common material	Other materials		General descrip	otion	Der From	oth - feet To
Brown	sand	stones				0	5
Brown	sand			III _III III III III III III III III IIII		5	24
Grev	limestone					24	100
<u></u>							
				,			
						<u> </u>	
					·····		
31							
				54	31-33 Diameter	34-38 Le	1 1 75 80 ngth 39-40
Water found	Kind of water	le Wall Material thickness	Depth - feet	(Slot No.)		inches	feet
76°-13 1 [Fresh 3 Sulphur 14	es inches 1/4 1 Steel 12 •188	0 30 ³⁻¹⁶	Material and type)	Depth at te	op of screen 30
2 [9] ¹⁵⁻¹⁸ N	Salty 6 Gas	3 Concrete Concrete					feet
2 [Salty 6 Gas 17	5 □ Plastic	20-23	61 PLUG	GING & SEALING	Abando	nment
2 [☐ Fresh ₄ ☐ Minerals ☐ Salty ₆ ☐ Gas 6	3 Concrete 4 Dicopen hole	30 75	Depth set at - feet From To	Material and type (Ce	ement grout	bentonite, etc.)
25-28 1 [2 [□ Fresh ³ □ Sulphur ²⁹ □ Fresh ⁴ □ Minerals ²⁴ □ Salty ₆ □ Gas	5 □ Plastic	27-30	30 ¹⁰⁻¹³ 0 ¹⁴⁻¹⁷ 18-21 22-25	Grouted-c	ement	(4)
³⁰⁻³³ 1 [□ Fresh ³ □ Sulphur ³⁴ ⁶⁰ 5 3	4 A Open hole	75 100	26-29 30-33	80		
71 Pumping test r	T Bailer 10 (GPM 1. Hours Mins	In diagrar	LOCATIC n below show dista	ON OF WELL ances of well from r	oad and	lot line.
Static level	end of pumping 22-24 45 minutes 20 minu	1 X Pumping 2 Recovery es 45 minutes 60 minutes	Indicate r	horth by arrow.	ey Rd (O.C.	45)
F 9 14	20 _{feet} 20 _{feet} 20	29-31 32-34 35-37 feet 20 feet 20 feet			3		
If flowing give	rate 38-41 Pump intake set at	Water at end of test 42					
Recommended	pump type Recommended pump setting 70	43-45 Recommended 46-49 pump rate 5		Bred Co	fruct		
50-53		feet GPM			7		4 M59
	JS OF WELL 54	ient supply 9 🗌 Unfinished					
 ² Observat ³ Test hole ⁴ Recharge 	tion well 6 Abandoned, poor que 9 7 Abandoned (Other) 6 Dewatering	ality 10 Replacement well		de			
WATER LISE	55-56			\mathcal{A}^{5}		LO	+ 2
1 🔀 Domestik 2 🗌 Stock	c 5 🗌 Commercial 6 🗌 Municipal	9 🗆 Not use 10 🗋 Other		Zeren			
 3 Irrigation 4 Industrial 	S Cooling & air conditi	ioning				1	
METHOD OF	CONSTRUCTION 57	9 🗔 Driving				/	
2 ☐ Rotary (r 3 ☐ Rotary (r	conventional) 6 Boring reverse) 7 Diamond	¹⁰ Digging ¹¹ Other				22	n229
* 🕅 Hotary (a	an, Jetting				/	<u> </u>	
Name of Well Con	tractor	Well Contractor's Licence No.		58 Contractor	S9-62 Date rec	eived 17	7001 ⁶³⁻⁶⁸
Address	water Supply LEG.	00000000000000000000000000000000	Date of inspection	Inspec	tor		<u> </u>
Box 490 Name of Well Tech	J; STITESVIILE; ON.	Well Technician's Licence No.	Remarks				
S. Mille Signature of Tarchi	er & P. Stanton	T0097 T0086 Submission date	ISI			୍କଟ୍ଟୋ	-57
afine	encel	day 29mo 8 yr 01	Ī			0506 (0	7/00) Front Form
2 - MINIS	STRY OF THE ENVIRON	IMENT COPY					,

😵 Ontario	
-----------	--

Ministry of the Environment

and the second secon Second second

. Print only in spaces provided. Mark correct box with a checkmark, where applicable. The Ontario Water Resources Act WATER WELL RECORD

1532224

11

County or Dietrict			Township/Borouah/Citv/	Town/Villao	<u>ि ६ तु</u> 9	*	Con block t	tract survey	, etc. Lo	t 25-27
Ottawa Ca	arleton		Goulbourn	y			9	D-14	2	2 48-53
f entre services	28-47 Einst Norpo	·	Address	Р.	O. Box	93 Sti	ttsville	Date completed	27 08 day m	01 Ionth year
21	Zone Ea	asting	Northing	1	RC ON	Brio ROK	25 ^{Bas} nA2 ^{le}			iv L L L L
2						ee instructio	ans)			47
General colour	Most common material	0.12	Other materials			General	description		Dept From	n - feet `To
Brown	sand £ gravel						,		0	6
Brown	shale								6	10
Grov	limestone								10	160
Grey r M	itide anndatono				<u> </u>		14 - M		160	180
Grey & WI	nice sanoscone								100	100
					-					
									<u> </u>	
								· <u></u> ·		
						1 11				
						╶┻╾┛┙╘┹╾┻╴ ╴╴╴╴╴╴			╷╎╎╷╎	
		ÇA	SING & OPEN HOLE	RECORD		Sizes of	opening 31-3	65 33 Diameter	34-38 Lenç	75 80 10 39-40
Water found at - feet	Kind of water diam		Wall Material thickness	Dept From	- feet To				inches	feet
50 10-13 1 [Fresh ³ Sulphur ¹⁴ Solby ⁴ Minerals	4	Steel ¹² •188	0	2316	HU Material	and type		Depth at top	of screen 30 41-44
170 ¹⁵⁻¹⁸ N	Gresness Suppur 19	3 🗆	Concrete Open hole							reet
2 [Salty 6 Gas 17-18	10	Plastic Steel ¹⁹		20-23	61 X	PLUGGING 8 Annular space	& SEALING	Abandonn	nent
1	☐ Fresh 4 ☐ Minerals ☐ Salty 6 ☐ Gas 6	2 🗆 3 🗍 4 🕱	Concrete Open hole	21	48	Depth set a From	t - feet To Materia	al and type (Co	ement grout, b	entonite, etc.)
25-28 1 2	□ Fresh 3 □ Sulphur 29 4 □ Minerals 24-25 Salty 6 □ Con	5 🗌	Plastic Steel 26		27-30	21	0 Gro	uted-c	ement ((3)
30-33 1	□ Fresh ³ □ Sulphur ³⁴ ⁶⁰ 5 7/3	8 ³	Galvanized Concrete Open hole	48	180	26-29	30-33 80			
2	□ Salty ₆ □ Gas	5	Plastic	L						
71 Pumping test 1	method ¹⁰ Pumping rate ¹¹⁻	14 Dui M	ration of pumping 15-16 17-18 Hours Mins	$\left \right _{\lambda}$		LO	CATION OF W	VELL		
⊢ Static level	Water level 25 end of pumping Water levels during	1 🕱 Pur	mping 2 🗌 Recovery	11+	7 In diagrai Indicate r	m below show north by arrow	v distances of v.	well from I	road and lo	ot line.
SH 19-21	22-24 15 minutes 26-28 30 minutes 29	-31 45	minutes 32-34 60 minutes 35-37]	1-100	Hey	<u>Rd (</u>	O.C.	<u>*5</u>)	
	70 feet 23 feet 20 fe	eet 1 Wa	L8 feet 16 feet	-	- List	- ,				
	GPM fe	90t	Clear Cloudy			Bro	da			
	Deep pump setting 160 fe	eet p	nump rate 9 5 GPM	(\mathcal{T}		-t	ίζ×		
50-53				1) \						
FINAL STATU	JS OF WELL 54 upply 5	t supply	9 🗌 Unfinished			- 8,		<u> </u>		
³ Coserval ³ Test hole ⁴ Recharge	e well 8 Dewatering	uy.			7	SICIE			Lot	¥ 1
WATER USE	55-56			$\{$, 200	.5			2	
1 💭 Domesti 2 🗌 Stock	c 5 🗆 Commercial 6 🛄 Municipal		9 🗆 Not use 10 🛄 Other		ر م	c ^{x0}		4		
3 ☐ Irrigation 4 ☐ Industria	7 Public supply 8 Cooling & air condition	ing			•			1 2	"	
METHOD OF	CONSTRUCTION 57			11					L	-
¹ Cable to ² Rotary (ol 50-180 ⁵ Air percussion conventional) ⁶ Boring		 ⁹ Driving ¹⁰ Digging ¹¹ Other 							0.00
4 🕱 Rotary (a	air) ⁸ 🤄 Jetting							1	230	232
Name of Well Con	tractor	T	Well Contractor's Licence No	> Da	a	58 Contractor	· ~ ~ *	59-62 Date rec	eived	63-68 80
Capital	Water Supply Ltd.		1558		Irce	15	b b b Inspector	SEP	172	IUU
Address	Stittsville. ON. K?	5 12	A6	L ISI						
Name of Well Tec	hnician		Well Technician's Licence No		marks					
S. Mille Signature Tech	r S. Stanton	-+	TOO97 & TOO86 Submission date						CSS.E	S1
deran	ra A		day mo 8 yr O	Ξ					0506 (07/0	00) Front Form
2 - MINI	STRY OF THE ENVIRON	MEN	T COPY						• •	-

🕅 Ontario)
-----------	---

Ana

Ministry of the

Environment

..... .

The Ontario Water Resources Act WATER WELL RECORD

lark correct box	es provided. with a checkmark, where	applicable.	ļ	11 2	1 !	5323	95	10	5003	Con.	1	22 23 24
County or District			Township	/Borough/City/	Town/Village	•		Con	block trac	t survey,	etc. Lo	t ²⁵⁻²⁷
Ottava	Carleton		Address	lbourn			0,797	9	Dat	te 1	5 10	01 ⁴⁸⁻⁵³
			24 Sr		ay, St	ittsvil	lle. ON	K2S	LJ3 cor	npleted	day n	nonth year
21	УЦ.											
2	10	LOG OF OVE	RBURDEN	AND BEDF		ERIALS (s	ee instruct	ions)			Death	- (
General colour	Most common materia	al	Othe	er materials			Genera	al descript	ion		From	To
Brown	soil		stones								0	8
Brown	shale										8	11
Grey	limestone										11	180
<u> </u>												
						1			,			
	Notos ancier	Was Jost	128		ama 1	vol -+	time of	F	lling			
	NULE: Casing	Was tell	17 <u>d</u>	JUVE GLC	<u>16</u>	VEL CL	LINE O		L L L I NJA			
31	<u>1</u>	I					1.1.1.1.1.1					
32	╶┹┈┽┸╶┸┉┵┷┙╵┖┚┶┈┷╼╴ ┊╻┊╻╎╷╎┆╷╷╎	╶╴╴╴╸										
10 1 41 WATE	ER RECORD	51 C/	ASING & O	PEN HOLE	RECORD		54 Sizes of Slot N	f opening	31-33	65 Diameter 3	4-38 Leng	75 80 th 39-40
Water found at - feet	Kind of water	Inside diam inches	Material	Wall thickness inches	Depth From	- teet To		landtung		inc	hes	feet
175 ⁻¹³ 1 K	Salty 6 Sector	6 '11/4' x	Steel ¹² Galvanized	.188	0	21'6"	S Materia	u anu type			ершатор	41-44
15-18 1 [Fresh 3 Gas	3 🗌 4 🗌	Concrete Open hole									
20-23	$\begin{array}{c c} Salty & 6 & Gas \\ \hline & Salty & 6 & Gas \\ \hline & Sulphur & 24 \\ \hline \end{array}$	17-18 1 🗍	Steel 19			20-23	61	PLUG Annular	SING & S		Abandonn	nent
2 [☐ Fresh 4 ☐ Minerals ☐ Salty 6 ☐ Gas	6 1/8	Concrete Open hole		21'6"	60	Depth set From	at - feet To	Material an	nd type (Ceme	ent grout, b	entonite, etc.)
25-28 1 [2 [☐ Fresh ³ ☐ Sulphur ²⁹ 4 ☐ Minerals ☐ Salty 6 ☐ Gap	24-25 1	Plastic Steel ²⁶			27-30	21 6"	0 ¹⁴⁻¹⁷	Grout	ed-cen	ent (3)
30-33 1 [Fresh ³ Sulphur ³⁴ 60	$5\frac{15}{3}$	Galvanized Concrete Open hole		60	180	26-29	30-33	80			
2 [☐ Satty ₆ ☐ Gas	- 16	Plastic			100						
71 Pumping test n	nethod ¹⁰ Pumping rate	11-14 Du	uration of pump	bing 17-18 Mins	1		LC		OF WEL	_L		
_ Static level	Water level 25 Water levels of	during 1 🔀 Pu	Imping :	2 C Recovery	 	In diagrar Indicate r	n below sho orth by arro	ow distar ow.	nces of we	ell from roa	id and lo	t line.
SH 19-21	22-24 15 minutes 26-28	30 minutes 45	minutes 32-34	60 minutes 35-37				_		. t		
2 19 feet	36 feet 31 feet	33 feet	35 feet	36 feet			_	Dra				
US If flowing give r	GPM Pump intake set	at vv feet	ater at end of te	ist □ Cloudy			· · · ·	476	1			
Recommended	pump type Recommended pump setting	⁴³⁻⁴⁵	Recommended oump rate	46-49 5 GPM			Porch	-1	40			v
50-53						ł			1 ¦			l
	IS OF WELL 54	insufficient supply	⁹ [7] Unfinis	shed]]	ł	140	٥St				٩
 ² Observati ³ Test hole 	ion well 6 Abandoned, 7 Abandoned	poor quality (Other)	10 🗌 Replac	cement well					1			C S
4 🗌 Recharge	e well ⁸ U Dewatering					t .			1			15
MATER USE	55-56 5 🖸 Commercial		9 🗋 Not us	e		1	Lot	2				
2 U Stock 3 D Irrigation 4 D Industrial	6 ∐ Municipal 7 □ Public suppl 8 □ Cooling & ai	ly ir conditioning								w de		
								ι	Jood	25		
LETHOD OF	60-180 XAir percussion	on	⁹ 🗌 Driving	1					6	(c ² ⁰		
 ∠ Rotary (c ³ □ Rotary (c ⁴ ■ Rotary (a) 	everse) ⁷ 🗋 Diamond iir) ⁸ 🗍 Jetting		11 🗋 Other	я							230	285
a notary (a	, <u> </u>				J L					=		
Name of Well Cont	Water Supply Ite	4.	Well Contract	tor's Licence No.		a rce	58 Contractor	4 K	59-62	Date receive	279	101 ⁶³⁻⁶⁸ ⁶⁰
Address	mater pupping per	••	TJJ0			e of inspection		Inspecto	0	1101		
Box 49	0, Stittsville,	Ontario	K2S]	LA6 ian's Licence No		narks		1				
S. Miller	/ S. Stanton		т0097	/, TOO86	STR		*			<u> </u>	S.831	
Signature of Pechn	nician/Contractor		Submission d	iate								

2 - MINISTRY OF THE ENVIRONMENT COPY

Advance 1531695 Image: Color Image: Colo	🕅 Ontari	io Ministry of the Environment	The second se		· · ·	The	e Ontario Wa WATER \	iter Resou NELL RE	rces Act ECORD
Same or David Device Operation Out over find a prove of Lat 1 Address One of David Control 22 Status Status One of David Control Device David Discontrol Discontrol Discontrol Discontrol Discontrol Status Discontrol	Print only in spaces p Mark correct box with	provided. a checkmark, where ap	plicable.	11	15316	95	Municipality ISOO3		22 23 24
Image: Second coord	County or District	- C. Latara	Towns Addre	ship/Borough/City/1	own/Village)+	Con biogle tract	survey, etc. L leted ZaB	ot 25.27 22 48-53
Log of QUERNING Other naturals Our nut control Beneral cool Mail control naturals Other naturals Our end discription Bit And control naturals Other naturals Our end discription Our end discription Bit And control naturals Other naturals Our end discription Our end discription Bit And Control naturals Other naturals Our end discription Our end discription Bit And Control naturals Other naturals Our end discription Our end discription Bit And Control naturals Other naturals Our end discription Our end discription Bit And Control naturals Our end discription Our end discription Our end discription Bit And Control naturals Our end discription Our end discription Our end discription Bit And Control naturals Our end discription Our end discription Our end discription Bit And Control naturals Our end discription Our end discription Our end discription Bit And Control naturals Our end discription Our end discription Our end discription Bit And Control naturals Our end discription Our end discription Our end discription Bit And Control naturals Our end discription Our end discription Our end discription				Northing					iv
31 1 </td <td>General colour</td> <td>LO Most common material</td> <td></td> <td>DEN AND BEDR Other materials</td> <td>OCK MATERIALS (s</td> <td>General o</td> <td>description</td> <td>Dep</td> <td>th - feet To</td>	General colour	LO Most common material		DEN AND BEDR Other materials	OCK MATERIALS (s	General o	description	Dep	th - feet To
31 1 2 400 31 1 </td <td></td> <td>brokenrock</td> <td></td> <td>······································</td> <td></td> <td></td> <td></td> <td>0</td> <td>3</td>		brokenrock		······································				0	3
31	3º1	limestro						3	400
37									
33 34 37 120 121 121 122 122 122 122 123 124 125 126 127 126 128 128 127 128 128 128 128									
31 32 Winter RecCRD 33 34 35 15 16 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 17 18 17 18 17 18 18 19 19 19 19 19 19 19 19 19 19 19 19 19 19 19									· · ·
Image: The second state is the seco	31 32 41 Water found	RECORD	CASING 8			Sizes of o (Stot No.)		ameter 34-38 Ler	75 gth feet
1 1	at - feet	sh j Sulphur 114 sh j Sulphur 114 sh Gas sh Gas sh Sulphur 19 sh J Sulphur 19 winerals	tiam Material inches ; 10-11 1 Steel 2 Galvanize 3 Concrete 4 Open hoh	e JSS	From To 13-16	Material a	and type	Depth at top	o of screen 30 41-44 feet
Image: Set method Pumping test method Pumping test method Pumping test method Pumping test method Image: Pumping test method Pumping Pumping <th>20-23 1 5 Fre 2 3a 25-28 1 Fre 2 3a 25-28 1 Fre 2 3a 30-33 1 Fre 2 3a</th> <th>Ity 6 Gas ash 3 Sulphur 24 A Minerals A ity 6 Gas ash 3 Sulphur 24 ity 6 Gas ash 3 Sulphur 29 ithy 6 Gas ash 3 Sulphur 29 4 Minerals 60 esh 4 Sulphur 34 60 Gas 60</th> <th>17-18 1 Steel 2 Galvanize 3 Concrete 4 Open hol 5 Plastic 24-25 1 24-25 1 Steel 2 Galvanize 3 Concrete 4 Concrete 4 Concrete 4 Concrete 4 Concrete 4 Concrete 4 Concrete 5 Plastic 1</th> <th>19 9d e 26 9d e</th> <th>0 2023 2023 20 202730 20 400</th> <th>61 Depth set at From 18-21 26-29</th> <th>PLOGGING & SE/ Annular space - feet To Material and t 2'2' 22-25 30-33 80</th> <th>ALING RECOM</th> <th>ment pentonite, etc.)</th>	20-23 1 5 Fre 2 3a 25-28 1 Fre 2 3a 25-28 1 Fre 2 3a 30-33 1 Fre 2 3a	Ity 6 Gas ash 3 Sulphur 24 A Minerals A ity 6 Gas ash 3 Sulphur 24 ity 6 Gas ash 3 Sulphur 29 ithy 6 Gas ash 3 Sulphur 29 4 Minerals 60 esh 4 Sulphur 34 60 Gas 60	17-18 1 Steel 2 Galvanize 3 Concrete 4 Open hol 5 Plastic 24-25 1 24-25 1 Steel 2 Galvanize 3 Concrete 4 Concrete 4 Concrete 4 Concrete 4 Concrete 4 Concrete 4 Concrete 5 Plastic 1	19 9d e 26 9d e	0 2023 2023 20 202730 20 400	61 Depth set at From 18-21 26-29	PLOGGING & SE/ Annular space - feet To Material and t 2'2' 22-25 30-33 80	ALING RECOM	ment pentonite, etc.)
Image: Status of Well 15 minutes 18 minutes 60	71 Pumping test metho 1 □ Pump 2 □ B L Static level Water	d ¹⁰ Pumping rate 5 lailer 25 level coursing 25 Water levels during 25	GPM Duration of p	2 2 2 2 2 2 2 2 2 2 2 2 2 2	In diagrar Indicate r	LOC m below show horth by arrow	CATION OF WELL	from road and I	ot line.
Recommended pump type Recommended 313 Recommended 513 Shallow Deep Pump rate 5 GPM Itest Deep Pump rate 5 GPM Itest Stallow Deep Pump rate 5 GPM Itest Stallow Deep Pump rate 5 GPM Itest hole 0 Abandoned, foor quility 0 Replacement well 0 Replacement well 1 Observation well 0 Dewatering 0 Replacement well 0 Replacement well 2 Test hole 0 Dewatering 0 Replacement well 0 Test hole Test hole Test hole 0 Test hole 0 Test hole	If flowing give rate	22-24 15 minutes 26-28 30 n 3 feet 5 6 feet 1 38-41 Pump intake set at GPM	inutes 29-31 45 minutes 32 19 feet Water at end feet □ Clea	60 minutes 5-37 et 723 feet of test 42 ar Cloudy		1			介
3 → Test hole 7 → Abandoned, poor quality 0 → Heplacement Weil 3 → Test hole 7 → Abandoned (Dter) 4 → Recharge well 6 → Dewatering WATER USE 5-56, 1 DDomestic 5 → Commercial 2 → Stock 6 → Municipal 3 → Ingation 7 → Public supply 4 → Industrial 8 → Cooling & air conditioning METHOD OF CONSTRUCTION 57 9 → Driving 1 → Cable tool 5 ⊕ Grin percussion 9 → Diagrigging 10 → Diagrigging 1 → Cable (contractor 9 → Diagrigging 1 → Chary (reverse) 7 → Diamond 1 → Chary (air) 9 → Diamond 1 → Chary (air)	FINAL STATUS O	type Recommended pump setting 1 FWELL 54 5 Abandoned, inst	pump rate	finished			· Km 1	1.40'	Į
3 Imgation 7 Public supply 4 Industrial 8 Cooling & air conditioning METHOD OF CONSTRUCTION 57 5 Office recursion 9 Driving 1 Cable tool 5 Office recursion 9 Driving 2 Rotary (conventional) 5 Office recursion 9 Driving 3 Name of Well Contractor 6 Boring 10 Digging 11 Other 2228433 Name of Well Contractor 8 Jetting 11 Other Signature Signature of inspection Signature of inspection Inspector Signature of inspection Inspector Signature of Technician/Contractor Submission date Signature of Technican/Contractor CSS.ES1	Cosservation w Test hole A □ Recharge well WATER USE Promestic 2 □ Stock	Abandoned (Ott Abandoned (Ott B Dewatering 55-56 5 Commercial 6 Municipal	9 [] No 10 [] Ot	ot use		K	Fue		
Name of Well Contractor Well Contractor's Licence No. Address Address Address Address Name of Well Technician Well Technician's Licence No. KCAAY Descauting T++S Sighaturgrof Technician/Contractor Submission date Bay mol		7 Dublic supply 8 Cooling & air co NSTRUCTION 57 5 CMAir percussion 6 Doring 7 Diamond 8 Jetting	nditioning 9 Dr 10 Di 11 Ot	iving gging ther				222	843
KK Loppen AT Name of Well Technician Well Technician's Licence No. Remarks KCn Desauln', P+S Type Sighature of Technician/Contractor Submission date CSS.ES1	Name of Well Contractor Address	ct Drillingl		tractor's Licence No.	Data source Date of inspection	58 Contlactor	inspector	ate received JAN 0 3 2	63-68 80
	Name of Well Technician KCAAY Sighaturgoof Technician/	Desaulnir	S Well Tech S Submissi Q2	on date	Remarks			CS	S.ES1

2 - MINISTRY OF THE ENVIRONMENT COPY

-

.

Ministry of Environme and Energy	int y			The	Ontario Wate WATER WI	er Resource ELL REC	es Act ORD
Print only in space Mark correct box v	es provided. with a checkmark, where applicabl	e. <u>11</u>	1.53	30042	$\frac{\text{Municipality}}{15002}$	Con. C ON 15	22 23 24
County or District		Township/Borough/City/	Town/Village		Con block tract s	survey, etc. Lot	25-27
Ottawa Car	rleton	Goulbou Address	ırn		9 Date		22 48-53
		Box 165 Keny	wille, C	Elevation BC	1.TO completion	ted <u>1 ay 5 mor</u>	<u>nth QQ</u> year iv
21	T M 1012	17 18	24 25	26 30	31		47
	LOG OF	OVERBURDEN AND BED		RIALS (see instruct	tions)	Dep	th – feet
General colour	Most common material	Other materials				From	To
Broen	Soil	Stones		Dry		- 0	<u>3</u>
Gray	Shale			Soft		6	175
Gray	Limestone	Green Laye	FB	Medit	30	V	
					· · · · · · · · · · · · · · · · · · ·		
		<u> </u>					
· ·							
31							
32	15 21			<u>54</u>		5	75 80
41 WAT Water found	ER RECORD 51 Inside	CASING & OPEN HOL Wall Material thickness	E RECORD Depth - fe	eet Z (Slot No.) opening ³¹⁻³³ Diar	inches	i serie feet
at – feet	Fresh ³ Sulphur ¹⁴ inches	1 Steel ¹²	From O	To Material	and type	Depth at top o	f screen 30
170 ²	Salty 6 Gas	 2 Galvanized 3 Concrete 4 Open hole 					feet
2	4 Image: Minerals Saity 6 Gas 17-18 17-18	Steel		20-23 61	PLUGGING & SE		D
²⁰⁻²³ 1 [] 2 []	Fresh ³ U Sulphur ²⁴ 4 Minerals Salty ₆ Gas	2 Galvanized 3 Concrete 4 Dopen hole	22.5	Depth set at	- feet To Material and ty	pe (Cement grout, be	ntonite, etc.)
25-28 1 D	Fresh ³ Sulphur ²⁹ 5 15- Salty ⁴ Minerals	5 Plastic	22.05	27-30 21	0 Grouted	- Cement	(3)
30-33 1	Fresh ³ Sulphur ³⁴ ⁶⁰	2 Galvanized 3 Concrete		26-29	30-33 80		
2 🗋	Salty 6 Gas	5 Plastic					
71 Pumping test me	ethod ¹⁰ Pumping rate ¹¹⁻¹⁴] Bailer 12 GPM	Duration of pumping 15-16		LC	CATION OF WELL		
Static level Wa	ater level 25 Water levels during 1	Pumping ² Recovery		diagram below show dicate north by arrow	v distances of well fro v.	om road and lot li	ne.
LSI 19-21	22-24 15 minutes 30 minutes 26-28 29-31	45 minutes 60 minutes 32-34 35-37	1172				
5 16.5 eet	75 feet 18:80 et 17:2 eet	16*8* feet 16*5*et Water at end of test 42	41 V				
	GPM feet	Clear Cloudy		0^{+}	Carn	Road	_
	Deep 75 feet	pump rate			Curp		
				i t			
Vater supr Water supr Water supr Diservation	ply 5 Abandoned, insufficient on well 6 Abandoned, poor quality	supply ⁹ [] Unfinished ¹⁰ [] Replacement well		ا د ۱		ki j اير	
 ³ Test hole ⁴ Recharge 	 7 Abandoned (Other) well 8 Dewatering 			House	1816	7 2'6"	
WATER USE	55-56			1			
¹ Dornestic ² Stock ³ Irrigation	 Commercial Municipal Public supply 	⁹ 📋 Not used 10 🗍 Other		1			
4 🗌 Industrial	8 🔲 Cooling & air conditionin	Ng		1			
		9 🗌 Drivina					
2 🗌 Rotary (co 3 🗌 Rotary (re	verse) 7 Diamond	□ □ Digging □ □ Other				1838	49
4 ∐ Rotary (air	r) ß 🗋 Jetting						
Name of Well Contra	actor	Well Contractor's Licence No	Data source	58 Contractor	59-62 Da	TITI 2 9 4	63-68 8
Address	Water Supply Ltd.	1558	Date of	inspection	Inspector	VUL <u>e e l</u>	<u>• 79 </u>
P.O. Box Name of Well Techn	490 Stittsville,Ont	Well Technician's Licence No		S	l		
S. Miller		TOO97	NIST		C	SS. 39	R
Maure of recrinic	ma l	dav12 mo 5 yr98	Ī				<u>Ľ</u>
·/ ·	+					USUB (07/94) F	TONE FORM S

2 - MINISTER OF ENVIRONMENT & ENERGY COPY
Ministry of the Environment		WA		The Or ER \ 52186	ntario V	Water Resource	RECC	ORD
1. PRINT ONLY IN S 2. CHECK 🛛 CORRE	PACES PROVIDED			22100		10 14	15	22 23 74
COUNTY OR DISTRICT	TOWNSHIP, BOROUGH	CITY, TOWN, VILL	AGE		CON .	BLOCK, TRACT, SURVEY	(. ETC	LOT 23-27
OCCAWA-CALLECON OWNER (SURNAME FIRST) 24-47	ADDRESS	Lbourn	<u> </u>			LONC. 9_	DATE COMPLETED	44-53
Jim McGill Const.	R.R.	# 3; Kemj	<u>stville</u>	Dont.	<u>KOG 1.</u>	BASIN CODE	DAY_ 10 MO 6	7 YR 87
				24	30	L		
LO	G OF OVERBUR	DEN AND BE	DROCK	MATERIAL	S (SEE IN	NSTRUCTIONS)	DE	PTH , FEFT
GENERAL COLOUR COMMON MATERIAL	OTHER	MATERIALS			GENERA	AL DESCRIPTION	FROM	то
Brown Sand	Boulders	S					0	10
Brown Sand								-28
Grau Sand & Grave	1			-			28	36
Gray Limestone	-						36	150
	· · · · · · · · · · · · · · · · · · ·				<u></u>			
31 32 10 14 13 41 WATER RECORD WATER FOUND AT - FEET KIND OF WATER 135 FRESH 136 FRESH 137 FRESH 138 SULPHUR 14 MINERALS 20-23 FRESH 21 SALTY 6 GAS 22 SALTY 330-33 FRESH 21 SALTY 310 FRESH 32 SALTY 330-33 FRESH 330-33 FRESH 310 FRESH 310 FRESH 330-33 FRESH 310 FRESH 310 FRESH 310	32 51 CASINC INSIDE MATERIA DIAM MATERIA 10-11 STEEL 2 GALVANI 6 3 3 CONCRET 4 OPEN HO 5 PLASTIC 17-14 STEEL 2 GALVANI 3 CONCRET 4 OPEN HO 5 PLASTIC 1 STEEL 2 GALVANI 3 CONCRET 4 OPEN HO 5 PLASTIC 1 STEEL 2 GALVANI 3 CONCRET 4 OPEN 4 OPEN 3 CONCRET 4 OPEN 5 PLASTIC 10-14 DURATIO 7 GPM 4 OPEN 30 MINUTES 45 MATER	A A A A A A A A A A A A A A A A A A A	UTES 33-37 ОГЕСТ 41 ОРИСТ 44-43 GPM	I I I I I I I I I I I I I I I I I I I	I SIZE - SILOT SILOT BEPTH FROM 10 10 10 26 L GRAM BEL NE INI	I I I I SI I I I SI OF OPENING NO I I RIAL AND TYPE I I PLUGGINI I I SET AT - FEET TO I -13 14-17 I -21 22-23 IO 29 30-33 IO OCATION CONSHOW DISTANCE IO OW SHOW DISTANCE IO I IO I IO	Acci	AD AND
FINAL 54 1 WATER SUPPLY STATUS 1 E OBSERVATION WEIL 0F WELL 1 TEST HOLE 35:55 1 DOMESTIC 2 STOCK WATER 1 IRECHARGE WELL 35:55 1 DOMESTIC 2 STOCK WATER 1 IRECHARGE WELL USE 1 INDUSTRIAL 0 OTHER 0 METHOD 1 ROTARY (CONVEN OF 1 ROTARY (CONVEN OF 1 ROTARY (AIR) 4 INAME OF WELL CONTRACTOR ADDRESS	ABANDONED ABANDONED ABANDONED OUNFINISHEC OUNFINISHEC	RING RING	D TOR'S ER	DATA SOURCE	(S 50 50	CONTRACTOR 59-62	19	316 1987 *** **
NAME OF WELL ACCHNICIAN/CONTRACTOR SIGNATURE OF TECHNICIAN/CONTRACTOR	, Ontario. K SUBMISSION DAY	MELLY YECHNIC LICENCE NUME DATE		аенанкь 		l		······

MINISTRY OF THE ENVIRONMENT COPY

	Ministry		·*.	ал на стали 19 19	he Ontario	Water Resource	es Act	
Y	of the Environment		WA	ΓEF			RECO	RD
Untario	1. PRINT ONLY IN S 2. CHECK 🛛 CORRI	PACES PROVIDED		152	5248	1,50,03		
COUNTY OR D		TOWNSHIP, BOROUGH	Sould!	Jour	2	9		22
			SY;	Tisui	le Q	$n \overline{\int}$	DAY_19 MO_	2 18 80 9
	M 10 12	17 18 1G		RČ. ELEVAT				
	LC	G OF OVERBURD	EN AND BEDF				DEPTI	H - FEET
GENERAL C		OTHER I					FROM	30
	d Sond Doubers	+ gravel					30	35
910	ey limestone						35	440
			<u> </u>					
,								
		i.			1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -			
						1 11.1.1		
31				u (L] (
<u>1</u> <u>2</u> [<u>41</u>]	WATER RECORD	51 CASING	& OPEN HOL	E RECORI		(S) OF OPENING 3 OT NO)	II-33 DIAMETER 34-38	LENGTH 39-40 FEET
WATER FOU	UND KIND OF WATER 10-13 1 0 FRESH 3 SULPHUR 14	INSIDE DIAM MATERIAL INCHES	WALL THICKNESS INCHES	FRUM		IERIAL AND TYPE	DEPTH TO TOP OF SCREEN	9 41-44 10 FEET
16	2 SALTY 4 L'MINERALS 6 GAS 15-18 1 C FRESH 3 CULPHUR 19 4 C MINERALS	A DOPEN HOL	E 188	0	40 61	PLUGGING	& SEALING REC	ORD
4	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	17-18 1 OSTEEL 2 OGALVANIZI	19 ED		20-23 DEPTI	H SET AT FEET M	ATERIAL AND TYPE LEAD	MENT GROUT
2	SALTY 6 □ GAS SALTY 6 □ MINERALS SALTY 6 □ MINERALS	4 0 OPEN HOL 5 0 PLASTIC	E 26		27-30	10-13 14-17		
3	0-33 1 FRESH 3 SULPHUR 34 2 SALTY 6 GAS	0 2 DGALVANIZI 3 DCONCRETE 4 DOPEN HOL 5 DPLASTIC	ED E			26-29 30-33 80	· · · · · · · · · · · · · · · · · · ·	`
71 PUMPI	ING TEST METHOD 10 PUMPING RA	TE II-14 DURATION	OF PUMPING 15-16 17-	.18		LOCATION O	F WELL	
	BL PUMP ² ∐ BAILER STATIC WATER LEVEL ²⁵ LEVEL PINPPING WATER	LEVELS DURING	HOURS MI	<u>N5</u>	IN DIAGRAM BE LOT LINE	LOW SHOW DISTANCES	S OF WELL FROM ROAD ROW.	DAND
TEST	19-21 22-24 15 MINUTES 9 5 9 50 / 24- 24- 24- 24- 24- 24- 24- 24-	30 MINUTES 45 MIN 28 29-31 1/5 97	32-34 35	5 -37			1	AL.
	DWING, 38-61 PUMP INTAKI RATE	ESET AT WATER AT		42 97			55	1
	GPM MMENDED PUNP TYPE RECOMMEND PUMP SETTING	ED 43-45 RECOMME PUMPING 40 CEET RATE	NDED 46-	49 .PM			< 1 >0	1
60-53	SHALLOW AS DEEP						250	
F	INAL 2 □ OBSERVATION W TATUS	S ABANDONED, ELL S ABANDONED 7 UNFINISHED	INSUFFICIENT SUPPL POOR QUALITY	×				
OF	SS-S6 1 2 DOMESTIC				Storl	ey		
w	ATER 2 STOCK 3 IRRIGATION USE 4 D INDUSTRIAL	 MUNICIPAL PUBLIC SUPPLY COOLING OR AIR 	CONDITIONING		Ċ	orners		
		•	NOT USED					
М	ETHOD 2 CABLE TOOL 2 ROTARY (CONVE 3 ROTARY (REVER	€ ∐ 80R NTIONAL} 7 ☐ DIAI SE) 8 ☐ JET	ING MOND TING				Л	0838
CONS	TRUCTION 4/口 ROTARY (AIR) 年 四 AIR PERCUSSION		ING GING OTHER	DRÍLLI	ERS REMARKS	- -	. 4	0000
E NAM	AF OF WELL CONTRACTOR Air-Rock Dr:/	ling G.LTD.	WELL CONTRACTO		TA SA URCE	11119	JAN 18	1991 "
ACTO	RR. #2 Jaboe	N OnF	- •	>SE O	TE OF INSPECTION	INSPECTOR		
ONTR	Rondy Kerr	A 10000	WELL TECHNICIA		MAPKS			
Ŭ sig	A CONTRACTOR	SUBNISSION D	MO. 12 YR.	205	,			06 (11 / 86) EO BM 9
MI	NISTRY OF THE ENVIRO	MENT COPY					FURMINU, USU	50 (117 OU) FURIN 9

Minis	strv			-	The Or	ntario V	Vater Resour	ces Act		
of the Envir	e ronment		WA		ER \	NE	ELL	RE	CO	RD
Ontario	1. PRINT ONLY IN SPAC 2. CHECK 🕅 CORRECT	CES PROVIDED BOX WHERE APPLICABLE	1 11	1	52566	59			N	09
COUNTY OR DISTRICT	CARIETONI	TOWNSHIP, BOROUGH C	TTY. TOWN. VILLA	AGE		con 9	BLOCK, TRACT, SURVE	Y ETC	L	.or 25-27 22
OWNER (SURNAME FIR	ANTAPIN	ADDRESS	ROX	1150	511	TTSU	ILLE	DATE COMPL		48-53 YR
21						Ľ.		l	111 L	
	M 10 12	OF OVERBURDI	EN AND BE	DROC	K MATERIAL	S ISEE IN	ISTRUCTIONS		DE DI U	
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER	ATERIALS			GENERA	L DESCRIPTION		FROM	то Е 1
RED	SYND					(9	ACKED		0 &'	18'
6REN ODEN	CLAY	151	<u> </u>			 D	ACKED		18.	32'
GREY	LIMESTONS	; ;	· · _ ·				BROKE	N	32'	54'
				<u> </u>						
·										
		,								
		······································								
										<u> </u>
41 WA		51 CASING	& OPEN H		ECORD	Z (SLO	54 5) OF OPENING 7 NO 1	65. 31-33 DIAME	TER 34-38	25 80 LENGTH 39-40
WATER FOUND AT - FEET	KIND OF WATER	INSIDE DIAM MATERIAL INCHES	WALL THICKNESS INCHES	DI FRU	PTH - FEET M TO		RIAL AND TYPE		INCHES DEPTH TO TOP OF SCREEN	FEET 41-44 30
52 2	FRESH 3 USULPHUR SALTY 4 MINERALS 6 Gas	6 4 1 STEEL 2 GALVANIZE 3 CONCRETE	· 1.88	· () 38	s l				FEET
i5-i6 1 [2 [☐ FRESH 3 ∐SULPHUR ☐ SALTY 6 □GAS	6 1 4 20PEN HOLE 5 PLASTIC	E 19	3	3 64	61 DEPTH		MATERIAL AND	TYPE ICEM	IENT GROUT
20-23 1 2	☐ FRESH 3 □SULPHUR ^{2,4} ☐ SALTY 6 □GAS	2 GALVANIZE 3 CONCRETE 4 OPEN HOLI 5 PLASTIC	:D E				0-13 Z M ⁴⁻¹⁷	THPE	E 10	
25-28 1 [☐ FRESH 3 ☐ SULPHUR ☐ SALTY 4 ☐ MINERALS 6 ☐ GAS 1 7 000 0000 14 00	24-25 1 STEEL 2 GALVANIZE	26 20		27-30	1	8-21 22-25	PORTL	AND	
30-33 1 2	☐ FRESH 33 SUCFAUR 34 PO ☐ FRESH 4 MINERALS ☐ SALTY 6 GAS	4 OPEN HOL 5 PLASTIC	E			21	5-29 30-33 80	B	ENSE	AL_
71 PUMPING TEST MI	2 🗍 BAILER	30 GPM 6	OF PUMPING 15-16 HOURS	17-18 _ MINS		1	OCATION	OF WEL	L	
	WATER LEVEL 25 END OF WATER LEV PUMPING	VELS DURING 2	PUMPING		IN DIA LOT L	AGRAM BEL INE IN	OW SHOW DISTAND DICATE NORTH BY	CES OF WELL ARROW. 1	FROM ROAD	AND
	1 22-24 IS NINUTES 26-26 コン	30 MINUTES 45 MIN 29-31	32-34 *	35-37			r / 120'	1		
Z IF FLOWING. GIVE RATE	38-41 PUMP INTAKE SE	TAT WATER AT		42 0U D Y		(-1km			
	GPM UNP TYPE PUMP CONTENT		NDED	46-49			- N			
50-53		30 met	0	UT M	Ň					
FINAL	54 . De WATER SUPPLY 2 DOBSERVATION WELL	S ABANDONED.	INSUFFICIENT SU POOR QUALITY	PPLY	UN					
OF WELL	3 DE TEST HOLE 4 D RECHARGE WELL	7 UNFINISHED					#			
WATER	2 DOMESTIC 2 STOCK 3 IRRIGATION	S CONMERCIAL S MUNICIPAL 7 PUBLIC SUPPLY					U			
USE	4 D INDUSTRIAL	COOLING OR AIR	CONDITIONING NOT USED							
METHOD	57 1 CABLE TOOL 2 CONVENTI	6 BORI ONAL) 7 DIAM	NG IOND							
	ION A ROTARY (REVERSE)	1131 B DIET							10	3215
NAME OF WEL	L CONTRACTOR		WELL CONTRAC	TOR'S		58			° ე ე 40	63-68 80
BO ADDRESS	ANAGH & SON	WELL DRILL	NG 31	42	DATE OF INSP	ECTION	5142 INSPECTOR	UCI	66 19	זו
NAME OF W	LZ CARLE	TON PLA	E WELL TECHNIC	IAN'S						
NOS SIGNATURE C	MCDEF	SUBMISSION D	\$1-194	Z	FFICE					
1m	Kavanagh	DAY 4	ho 10	yr94	ō			F(DRM NO. 0506	(11/86) FORM 9
MINIST	'RY OF THE ENVIRO	NMENT COPY						· · · · · ·		

Minis of the	strý e				The O	entario	Water Resour	ces Act	CO	RD
Ontario Envi	I. PRINT ONLY IN SP	ACES PROVIDED		1!	5261	92	1,5,0,03	ع الأو	N	109
COUNTY OR DISTRICT	2. CHECK 🛛 CORREC	TOWNSHIP. BOROUGH. CITY	Y, TOWN, VILLAGE			CON	BLOCK. TRACT. SURVE	а <u>т</u> ы Туетс	L	<u>22 23 24</u> .0T 25-27
		outo				l	<u> </u>	DATE COMP	РLETED 4	<u>22</u> 18-53 ук.92
		• <u>#3</u> NG	<u>Stittsv</u>	<u>1116</u> 		- <u>10</u> 		11		IV
1 2	<u> </u>	G OF OVERBURDEN	AND BEDR	OCK	MATERIA	30 LS (SEE	INSTRUCTIONS)			4
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MA	TERIALS			GENER	RAL DESCRIPTION		FROM	TO
Brown	Sand Gravel	Boulders				Pac	ked		0	12
Gray	Limestone					Med	ium		12	148
					_					+
				1 1		1 1		1.11.	<u> </u>	
	<u>┙╵╵╵╷╵</u> ╻╵╵╻									
41 WA	TER RECORD	51 CASING &	OPEN HOLE	REC	ORD		DT NO)	31-33 DIAM	ETER 34-38	LENGTH 39-4
WATER FOUND AT - FEET	KIND OF WATER	INSIDE DIAM MATERIAL INCHES	WALL THICKNESS INCHES	FROM	TO	SCRE	ERIAL AND TYPE		DEPTH TO TOP OF SCREEN	41-44
143	SALTY 4 MINERALS 6 GAS	6 174 1 STEEL 2 GALVANIZED 3 GONCRETE	-188	0	20"		PLUGGIN	IG & SEA		
20-23	SALTY & MINERALS G GAS	5 - PLASTIC	19		20-23	DEPTH	I SET AT - FEET	MATERIAL AN	D TYPE (CEMI	ENT GROUT ACKER, ETC)
25-24	SALTY 4 CHINERALS 6 CGAS FRESH 3 CSULPHUR 29	6 6/8 CONCRETE		20	148	Gr	10-13 14-17 Outed	Cement	: (3)	
2 C	SALTY 6 □ GAS FRESH 3 □ SULPHUR 34 80	24-25 1 STEEL 2 GALVANIZED 3 CONCRETE	26		27-30		18-21 22-25 26-29 30-33 80			
	SALTY 6 GAS	1 DPEN HOLE	PUMPING							
71 1 PUMP	2 BAILER	5 GPMH	5-16 17-1 OURS MIN		IN DI	AGRAM BE	LOCATION	ES OF WELL	FROM ROAD	AND
STATIC LEVEL	NATER LEVEL END OF PUMPING 22-24 15 MINUTES	EVELS DURING	RECOVERY		LOTI	INE 1N	NDICATE NORTH BY J	ARROW.		
Ш Ц () <u>30</u> гес	1 60 FEET 60 FEE	T 60 FEET 60	FEET 60 FEE			\sim	∩ # ₄ -	1.1		
	GPN	60 FEET 1 🕱 CLEA		,		0.		70,	He.	-
	JMP TYPE RECOMMENDED PUMP W CyDEEP SETTING	43-45 RECOMMENDE PUMPING 120 FEET RATE	D 44-4	м				1	×.	Ra
50-53	54				Ì		L11	ł		
FINAL STATUS	2 OBSERVATION WEL 3 TEST HOLE	L & ABANDONED POC ABANDONED POC 7 UNFINISHED	OR QUALITY		1		- <u></u>	I		
OF WELL	RECHARGE WELL	DEWATERING		-	1		11"	I		
WATER	2 STOCK 3 I IRRIGATION 4 INDUSTRIAL	 MUNICIPAL PUBLIC SUPPLY COOLING OR AIR COM 					\mathbf{V}	[
USE		• 🗆 N	OT USED		I					
METHOD	37 I CABLE TOOL 2 ROTARY (CONVENT		D		-\) >	>				
CONSTRUCT	ION 4 C ROTARY (AIR)	9 DRIVING	G OTHER		DRILLERS REMAN	RKS			11	3382
NAME OF WELL	. CONTRACTOR	WE LIC	LL CONTRACTOR		DATA SOURCE	58	CONTRACTOR 53-6	2 DATE RECEIV	1 2 100	2
	l Water Supply I	.td.	<u>1558</u>		DATE OF INSP	ECTION			<u>v 6</u> 1JJ	۲ ۵
Box 490	D Stittsville,	Ontario K2S 1	A6 ELL TECHNICIAN CENCE NUMBER	s						
Signature of	Ler F TECHNICIAN/CONTRACTOR	SUBMISSION DATE	0097 .5 <u>9</u>							
	RY OF THE ENVIRO		0 YR/C	≞Ľ				ſ	ORM NO. 0506	(11/86) FORM

. A.

.

Minlstry of Environmen and Energy	t		The	Ontario Water WATER WE	Resource	es Act ORD	
Print only in spaces Mark correct box w	s provided. ith a checkmark, where applicab	le.	1528486	Municipality 15003 19 14	Con. CON: 1	27 23 24	
County or District		Township/Borough/City/To	wn/Village	Con block tract su	rvey, etc. Lot	25-27	
		Goulb	ourn	9		2	
		Address		Date		48 53	95
		9 Valerie St.	Stittsville,Ontario	C K2S 1L2	²⁰ 3]day 3 mc	onth 95 year	
1 2 2 1 1 20 W		Northing	RC Elevation RC	Basin Code II	ih	197 197	
21		17 10	24 25 26 30			4/	
		FOVERBURDEN AND BEDR	OCK MATERIALS (see instruct	ions)			
			Genera	I description	De	pth - feet	
General colour	Most common material	Other materials	Genera		From	To	

·· • ₹

C

1965 Y

Black	Clav	Sand	Wet	0	2
Brown	Sand	Boulders	Wet	2	14
Grav	Sand	Clay & Boulders	Packed	14	30
Gray	Limestone		Broken		32
Gray	Linestone			32	65
GLUY					
	······································				

a a second s 31 - -1117 33 - 1

	WATER RECORD	s, ·	CASING &	OPEN HOL	E RECOR	<u> </u>	Sizes of opening To a Diameter to a Leng	th 🗥
Water found at - feet	Kind of water	Inside diam inches	Material	Wall thickness inches	Depth From	- feet To	Meterial and tree	feet
58 58 8, 19	Fresh Sulphur Salphur	6 1/4	Steel 12 Galvanized Goncrete Open hole Plastic	.188	0	43.5	Dig Material and type Dig PLUGGING & SEALING RECOR	feet
.0.25	Gas Gas Fresh Gas Salty Gas	6 1/8	Galvanized Galvanized Concrete		43.5	65	Annular space Abandonm Depth set at - feet From To Material and type (Cement grout, but	ient entonite, etc.)
18-18	☐ Fresh ☐ Sulphur ⁻⁹ ☐ Salty ☐ Gas		 ∃ Plastic □ Steel □ Galvanized 		1	i e	41 0 Grouted Cement ((8)
1 ₂ - 53	☐ Fresh ☐ Sulphur ☐ Salty ☐ Gas	07	Concrete					

Pumping test method Pump Bailer Static level Water leve end of pum Static level O If flowing give rate Recommended pump typ Shallow Dee	Pumping rate 105 GPM ping Water levels during 15 minutes 30 minutes feet feet feet Pump intake set at PM feet Recommended pump setting 50 feet	Duration of pumping] Hours Mins Pumping Pumping Recovery 45 minutes 60 minutes feet feet feet Vater at end of test Clear Clear Cloudy Recommended pump rate 5 GPM	LOCATION OF WELL In diagram below show distances of well from road and lot line. Indicate north by arrow.
FINAL STATUS OF W Water supply Observation well Test hole Recharge well	ELL Abandoned, insufficient s Abandoned, poor quality Abandoned (Other) Dewatering	upply Unfinished Replacement well	P P E Ritless
WATER USE Domestic Stock Irrigation Industrial	Commercial Municipal Public supply Cooling & air conditioning	Not used Other	3 No House
Cable tool Cable tool Rotary (convention Rotary (reverse) Rotary (air)	AUCTION Air percussion Boring Diamond Jetting	Driving Digging Other	153106
Name of Well Contractor Capital Wate Address P.O. Box 490 Name of Well Technician J. MOORE Signature of Technician/Con Without Manuary	r Supply Ltd. Stittsville, Or	Well Contractor's Licence No. 1558 Ntario K2S 1A6 Well Technician's Licence No. TOO96 Submission date day 31 mo 3 yr 95	NO Dece T 5 5 8 MAY 1 1995 I Acronomic and the second and the seco

2 - MINISTRY OF ENVIRONMENT & ENERGY COPY

Minis of the Envir	stry e	WAT	The Ontario Water Resources Act
Ontario		SPACES PROVIDED 11	1521297 NUNICIP SON
COUNTY OR DISTRICT	2. CHECK 🗵 CORR	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	14 15 22 73 74 15 15 22 73 74 15 15 15 22 73 74 15 15 15 15 22 73 74 15 15 15 15 15 22 73 74 15 15 15 15 15 22 73 74 15 15 15 15 15 15 15 16 15 15 15 15 15 16 16 16 15 15 15 15 16 16 17 17
1 2	M 10 12	NG RC 17 18 24 25	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	LC	OG OF OVERBURDEN AND BEDRO	OCK MATERIALS (SEE INSTRUCTIONS)
GENERAL COLOUR	COMMON MATERIAL		GENERAL DESCRIPTION FROM TO
GREN	SAND	GRAVER	BOULDERS O'E
BLACK	LIMESTONE	SHALE	80' 118'
3: 3: 3: 4: WATER FOUND AT - FEETD 10-13: 2: 4: 2: 4: 2: 3: 4: 3: 4: 3: 4: 3: 4: 3: 4: 5: 5: 5: 5: 5: 5: 5: 5: 5: 5	IFR RECORD	51 CASING & OPEN HOLE INSIDE INSIDE INCHES WALL THICKNESS INCHES INCHES FI INCHES FI INCHES FI INCHES FI INCHES FI INCHES FI	A3 Sizers of opening 31-33 Diameter 34-38 Length 39-3 BECORD Sizers of opening 31-33 Diameter 34-38 Length 39-4C DEPTH - FEET Inches FEET Inches FEET FROM To OF Sizers of opening 31-33 Diameter 34-38 Length 39-4C FROM To Inches FEET FEET FEET FEET FEET
15-12 1 10 116 2 2 26-23 3 2 25-28 1 2 20-33 7 2	FRESH :	G 744 : GALVANIZED 77 0 0 0 G 747 : CONCRETE G '' - CONCRETE 17-16 : STEEL 19 : GALVANIZED 3 □ CONCRETE 4 □ OPEN HOLE 24-25 : □ STEEL 26 : □ GALVANIZED 3 □ CONCRETE 3 □ CONCRETE	24' 118 61 PLUGGING & SEALING RECORD 26:23 DEPTH SET AT - FEET MATERIAL AND TYPE ICEMENT GROUT FROM TO ILEAD PACKER. ETC.) ICEMENT GROUT 27:30 18-21 22-25 IE 26-29 30-33 80 IE
	HOD 10 PUMPING RATE		LOCATION OF WELL
STATIC LEVEL 19-21 D STATIC LEVEL 19-21 D FECOWING, GIVE RATE RECOMMENDED PUM S0-53	2 DE BAILER WATER LEVEL END OF PUMPING 22-24 15 MINUTES 26-21 26-2	S GPN 15-16 17-18 HOURS 17-18 HOURS 17-18 EVELS DURING 2 PUMPING 2 RECOVERY 30 MINUTES 45 MINUTES 60 MINUTES 29-31 60 FEET 60 FEET SET AT WATER AT END OF TEST 42 FEET 1 CLEAR 2 CLOUDY FEET 1 CLEAR 2 CLOUDY FEET ATE 7 GPM	IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE INDICATE NORTH BY ARROW.
FINAL STATUS OF WELL STATER	54 1 X WATER SUPPLY 2 OBSERVATION WEI 3 TEST HOLE 4 RECHARGE WELL 5-56 1 Domestic 2 STOCK 1 1 IBPLEATION	BABANDONED, INSUFFICIENT SUPPLY ABANDONED, POOR QUALITY UNFINISHED COMMERCIAL MUNICIPAL UNFILIC SUPPLY	OC#5 FERN BANK R
USE METHOD	INDUSTRIAL OTHER CABLE TOOL CONVEN	COOLING OR AIR CONDITIONING O I NOT USED O O O O O O O O O O O O O O O O O	↓ ¥
OF DRILLING	3 🗌 ROTARY (REVERSE 4 🗍 ROTARY (AIR) 5 🔲 AIR PERCUSSION	2) L D JETTING 9 DRIVING	DRILLERS REMARKS 07428
NAME OF WELL OF M. KAU ADDRESS NAME OF OFILE SIGNATURE OF OF MILLIANS	CONTRACTOR ANAGH SON A 2 CARAFTU ER OR BORER EE KAVANA CONTRACTOR AIVINGRA	With DRILLING LICENCE NUMBER With DRILLING 3142 N PLACE LICENCE NUMBER SUBMISSION DATE DAY 16 NO. 4 87	AT AT AT AT A CONTRACTOR SP.67 DATE RECEIVED 42.61 ST 2804.87

Ontario Ministry of the Environment			The C V	Ontario Wat NATER W	er Resourd /ELL RE	ces Act CORD
rint only in spaces provided. lark correct box with a checkmark, where applicable	. [11]	15333	86			22 23 24
County or District	Township/Borough/City/To Soulloura M Address	wn/Village	IL IT	Con block tract	survey, etc. Lo	1 22. 1 1 1 1 25-27 25-27 25-27 25-27 25-27 25-27
	Northing	1 Parti	ation RC	Basin Code	<u>day n</u> II III	
LOG OF C	VERBURDEN AND BEDRO	CK MATERIALS (se	ee instruction	s)	Dept	n - feet
General colour Most common material	Other materials		General de	scription	From	To
blasted rock / Cl	ay		·······	· · · · · · · · · · · · · · · · · · ·	12	12
Hund homestand	•				19	52
black lygur limestone			.,		52'	54'
black limestone					54	60'
ķ						
						-
			<u>.</u>			• •
41 WATER RECORD	CASING & OPEN HOLE RE	43 CORD Deoth - feet	Sizes of ope (Siot No.)	ning 31-33 Dia	imeter ³⁴⁻³⁸ Lenç	75 80 pth 39-40
at - feet diam inches	Material thickness inches	From To	Material and	l type	inches Depth at top	feet of screen 30 41-44
33 ¹ ² □ Salty ⁴ □ Minerals ⁴ □ Gas ⁴ □ Salty ⁴ □ Gas ⁴ □ G	Galvanized /88 (3 □ Concrete	0' 26	Ň	<u>_</u>		feet
2 □ Salty 4 □ Minerals 2 □ Salty 6 □ Gas 17.18	5 □ Plastic	20-23	61 PL	UGGING & SEA	LING RECORD) nent
1 ☐ Fresh 4 ☐ Minerals 2 ☐ Satty 6 ☐ Gas	2 Galvanized 3 Concrete 4 Open hole		Depth set at - f From T	o Material and t	ype (Cement grout, b	entonite, etc.)
25-28 1 Fresh 3 Sulphur 29 2 Salty 6 Gas 24-25	1 Steel 26 2 Galvanized 1	27-30	D ¹⁰⁻¹³ J	22-25 Ceme	at	
30-33 1 ⊡ Fresh 3 □ Sulphur 34 60 2 □ Salty 6 □ Gas	3 □ Concrete 4 □ Open hole 5 □ Plastic		26-29	30-33 80		
Pumping test method 10 Pumping rate 11-14 1 Pumping test method Bailer GPM	Duration of pumping 15-16 17-18 Hours Mins		LOCA	TION OF WELL		
Static level Water level 25 Water levels during 1	Pumping 2 C Recovery	In diagram Indicate n	orth by arrow.	Istances of well t	rom road and io	t line.
The set feet feet feet feet	45 minutes 32-34 00 minutes 35-37 1 35-37 1 feet					
If flowing give rate 38-41 Pump intake set at GPM feet	Water at end of test 42				, sector	
Recommended pump type Recommended pump setting 35 feet	Recommended 46-49 pump rate GPM				7	:
50-53 FINAL STATUS OF WELL 54				• well	1	
Observation well Observation well Abandoned, poor quality Abandoned (Other) Abandoned (Other) Abandoned (Other)	¹⁰ Replacement well			\frown		
WATEBUSE 55-56 1 Domestic 5 Domestic 5 Commercial Numinical 5 Municipal	9 Not use		$\mathbf{\mathbf{Y}}$			
3 □ Irrigation 7 □ Public supply 4 □ Industrial 8 □ Cooling & air conditioning			\square			
METHOD OF CONSTRUCTION 57	9 ⊡ Drivino			• .		and the second
2 □ Rotary (conventional) 6 □ Boring 3 □ Botary (reverse) 7 □ Diamond 4 ✓ Rotary (air) 8 □ Jetting	10 Digging 11 D Other	,			246	35 9
Name of Well Contractor	Well Contractor's Licence No.	Data source	58 Contractor	59-62 Da	ate received	2002 *** *
Address miller and Car and	KAGIMA	Date of inspection		pector	NPA I V	
Name of Well Technician	Well Technician's Licence No.	Remarks				. .
Signature of Technician/Contractor	Submission date 02	NIN W		C	SS.E	52

2 - MINISTRY OF THE ENVIRONMENT COPY

ан ,

0506 (07/00) Front Form 9

Min	istry	the state of the		ي مرد	The C	Ontario	Water Reso	ources A		46
of tr Env	ne Fironment		WA						ECU	RU
Ontario	1. PRINT ONLY IN S 2. CHECK 🔀 CORR	SPACES PROVIDED] ;	5186	33	<u>[</u>].5.0.(<u>זאַ</u> ג <u>ַ</u>	.	<u> 0,9</u>
Ottowe	Conloton	TOWNSHIP, BOROUGH. CI	DOURN	SE		CON	Conc.	9		<u>0</u> 22
		4 He	ealey A	ve.;	Stitt	svil	le. Ont.	DATE C	сомріетер 05 <u>мо 10</u>	44-53 Y <u>R93</u>
			7.9.9	4		4	ASIN CODE			и I I I I
	- 10 12 LC	IF OVERBURDE	N AND BED	ROCK	MATERIA	JO SEE	31 INSTRUCTIONS)			4
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MA	TERIALS			GENER	AL DESCRIPTION	1	DEPTH	- FEET TO
Brown	Sand	Boulders			Pac	ked			0	9
Gray	Sand	Gravel &	Boulde	rs	Pac	ked			9	48
Gray	Limestone				Med	lium			48	150
		<u> </u>	·.							
	<u> </u>									
				· · · · · · · · · · · · · · · · · · ·			• •			
			· · · · · · · · · · · · · · · · · · ·							
						·				
									**************************************	24 - 1 ⁻¹
	96 28 1.3 79 004	118 113 015	<u>021578</u>							
							5) OF OPENING		AMETER 34-38	75
AJER FOUND AT - FEET	KIND OF WATER	INSTOLE DIAM - MATERIAL	WALL THICKNESS	DEPTH	· FEET		RIAL AND TYPE		INCHES	FEET
0140 ' 2 C	FRESH 3 [] SULPHUR ¹⁴] SALTY 4 [] MINERAL	0610-11 1 1 STEEL	12		13-16	sc			OF SCREEN	FEET
15-18 † [] 2 []] FRESH 3 🗌 SULPHUR ¹⁹] SALTY 4 🗋 MINERAL	6-1 3 □ CONCRETE 5 □ CONCRETE 5 □ CONCRETE	188	0	æ 50	61	PLUGG	ING & SE	EALING RECO	RD
20-23 1	FRESH 3 SULPHUR 24	067-18 1 - STEEL 6 1 2 GALVANIZED	19	50	0 150 ²³	DEPTH	SET AT - FEET	MATERIAL	AND TYPE CEME	NT GROUT CKER, ETC.)
25-28 1	FRESH 3 [] SULPHUR 29	24-25 1 STEFL	26		27-30	1	0-13 14-17 8-21 22-25			
30-33 I	FRESH 3 [] SULPHUR 34 80	2 🗌 GALVANIZED 3 🔲 CONCRETE				21	5-29 30-33	80		
2	SALTY 4 MINERAL	4 OPEN HOLE	PUMPING		J					
1 D PUMP		GPM	-16 00 17	-18						
STATIC LEVEL	WATER LEVEL 25 END'OF WATER LI PUMPING 22-24 IS MINUTER	EVELS DURING	C PUMPING RECOVERY		LOT L	INE INE	DICATE NORTH B	Y ARROW.	Sta	Hleus
			2-34 0 50 35	- 37 Eet			<u>()#5</u>	<u></u>	~	
C IF FLOWING. GIVE RATE	SB-41 PUMP INTAKE S			42					Grn	ers.
	GPM MP TYPE RECOMMENDED XC PUMP			.49			LOT #2	8		
50-53		FEET RATE	G	PM		1			≪ ، .	
FINAL	S4 1 WATER SUPPLY	S ABANDONED, INSU	JFFICIENT SUPPL	Y	\sum					
STATUS OF WELL	3 D TEST HOLE 4 D RECHARGE WELL	y UNFINISHED	N YUNLIIT		\	\mathbf{N}				
51	5-56 1 DOMESTIC		· · · ·			\mathbf{i}		\mathbf{i}		
USE O	3 IRRIGATION 6 INDUSTRIAL	7 D PUBLIC SUPPLY B COOLING OR AIR CON	DITIONING							
ļ	57 [] OTHER	9 🗌 NG	DT USED							
METHOD	L CABLE TOOL 2 CABLE TOOL 2 ROTARY (CONVENT 3 CONVENT	6 BORING 10NAL) 7 DIAMOND 10 IETTING)				(C_{m}	- 9	1 Once
	4 G ROTARY (AIR) 5 G AIR PERCUSSION	9 DRIVING		DRI	LLERS REMAR	<s .<="" td=""><td>·</td><td></td><td></td><td> </td></s>	·			
NAME OF WELL	CONTRACTOR	· · · · · · · · · · · · · · · · · · ·	ICENCE NUMBER		DATA SOURCE	58	CONTRACTOR 5	-62 DADECE	1. 1 1 (۰۰ ۵
ADDRESS	1 Water Supp	ly Ltd.	1558	ON I	DATE OF INSPE		ISS8	IR L	<u>+ + † (</u>	<u> う ズ</u>
Box 49	O: Stittsvil	le, Ont. KOA	CCENCE NUMBER	USE	REMARKS					
W. Kav	anagh Contractor									
TW.	Kavanae	L DAY 14 MO	10 ,2	ia la						
MINISTR	Y OF THE ENVIRON				-			_	FORM NO. 0506-	-4-77 FORM 7

316/40 **GROUND WATER BRANCH** 428300E 100 N The Ontario Water Resources Commission Act **ONTARIO WATER** WE Elev. **RECORD**ESOURCES COMMISSION Township, Village, Town or City **GOULBOURN** Basin LETON Date completed 28 22 Lot Con. dress R, R, 3. Stitts NILLE **Pumping Test Casing and Screen Record** 14 4 " Static level Inside diameter of casing..... G.P.M. Test-pumping rate Total length of casing Pumping level Type of screen Duration of test pumping IHR Length of screen Water clear or cloudy at end of test Depth to top of screen G.P.M. Recommended pumping rate Diameter of finished hole with pump setting of **25** feet below ground surface Water Record Well Log Depth(s) at Kind of water То From which water(s) (fresh, salty, Overburden and Bedrock Record ft. ft. sulphur) found 9 TOP SOIL 0 132 FRESH 132 11 GREYL Im ESTone Location of Well 'or what purpose(s) is the water to be used?..... In diagram below show distances of well from HOME road and lot line. Indicate north by arrow. well on upland, in valley, or on hillside? UPLAND illing or Boring Firm W.J. KiNg Con X Iress 48 KEMPSTER AVE, OTTAWA 3, ONT nce Number 241 A OF WAY e of Driller or Borer... con IX ess. K. 1961 28 (Signature of Licerted Drilling or Bring Contractor) High WAY # 15 15M Sets 60-5930 CELLS8 C COPY

1 Star	316/2	4.e		02040		C 10 25.82
$\frac{1}{58} = \frac{428131}{5812000000000000000000000000000000000000$	<u>g c </u> E / o N				T 6 Pirker	
		Mahar Basau	rces Commis	sion Act. 1957	URCES L	
Elev. $\underline{[4]}^{\times}$ $\underline{[2]}^{\times}$ $\underline{[2]}^{\times}$ $\underline{[2]}^{\times}$	The Ontario	water kesou				
Basin 1215 25	VATE	R WE	LL R	ECORD		
an Diver Corch	ton			Village, Town or	City Guil)	<u>naurit</u>
County or District $\hat{\mathcal{Q}}$	-+ .) 1		<u>Date</u> compl	eted.	T317 month	/ بن ا year)
			ess	Stittsville	<u>Cnt</u>	
				P	ping Test	
Casing and Scre	en Record	<u> </u>			$\frac{1}{Q}$	
Inside diameter of casing	T		Static leve	ning rate	5	G.P.M.
Total length of casing	 مسم		Pumping	level	\$ 2C'	
Type of screen			Duration	of test pumping	ź t2:	
Depth to top of screen			Water cl	ear or cloudy at e	end of test	leur
Diameter of finished hole	<u>/</u>		Recommo with	ended pumping i pumping level of	rate 5 f 20'	G.P.M.
Well L	.09		<u> </u>	Wa	ter Record	
Overburden and Bedrock Ro	ecord	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
			9,41			
Coanse grav	iel		<u>a</u> >			
Gray Line e	tone	25	6.5	6.5		Presh
						-
					-	
For what purpose(s) is the water	to be used?			Loca	ition of Well	dr.
hause			. I	in diagram below	v show distances	of well from
Is well on upland, in valley, or	on hillside?		. .	road and lot lind	e. Indicate nort	h by arrow.
Drilling Firm FP 5	carts	·····				
Address Strit	HauiliA	Ont			1	d la
					(50	× ~
Licence Number						.3
Nome of Driller $C/a.\pi$	ton H	. <u>Span</u>	1.5		Į.	V
Name of Dimer.	Stitts.	.11e Ci	1	¹ Sur _{bern}		
Address 3/	19	61		HISH	NY	STAN
Date (Signature of Licensed D	TIC RA rilling Contractor	.)		t 17 1	*	" Cong
					ange a state a	

CS0.38

MINISTRY OF THE ENVIRONMENT The Ontario Water Resources Act 316/4e TER WELL RECOR 15003 CON 151385**8** SPACES PROVIDED 2. CHECK 🛛 CORRECT BOX WHERE APPLICA 022 TOWNSHIP. BOROUG $1 \times$ А DATE COMPLETED 29 YR мо. 11 DAY 1977 303 AUG 04, 26 412 4 LUG OF OVERBURDEN AND BEDRUCK MATERIALS (SEE INSTRUCTIONS) DEPTH - FEET GENERAL DESCRIPTION MOST COMMON MATERIAL FROM то OTHER MATERIALS GENERAL COLOUR 23 grave 1 grow 70 3 31 32 SIZE(S) OF OPENING (SLOT NO.) 31-33 CASING & OPEN HOLE RECORD SCREEN 51 WATER RECORD 41 - FEET DEPTH INCHES WALL THICKNESS INCHES KIND OF WATER DEPTH TO TOP MATERIAL AND TYPE 41-44 MATERIAL 80 DIAM. FROM FRESH 3 ULPHUR 2 SALTY 4 MINERAL 1 T STEEL FFFT 0 95 X, 2 GALVANIZED é, 3 CONCRETE 61 PLUGGING & SEALING RECORD 0023 I FRESH 3 SULPHUR 4 🗌 MINERAL 4 OPEN HOLE 2 C SALTY DEPTH SET AT - FEET MATERIAL AND TYPE LEAD PACKER, ETC.) 1 🗌 STEEL 1 _____ FRESH 3 _____ SULPHUR 2 _____ SALTY 4 ____ MINERAL FROM то Z GALVANIZED 10-13 CONCRETE 14-17 A D OPEN HOLE 25-28 1 🗌 FRESH 2 🗌 SALTY 3 🗍 SULPHUR 27.30 22-25 18-21 4 MINERAL 1 STEEL 2 GALVANIZED 3 CONCRETE 30-33 26-29 1 C FRESH 3 SULPHUR 2 SALTY 4 MINERAL 30-33 A 🗆 OPEN HOL LOCATION OF WELL 2809 PING TEST METHOD 0 15-16 HOURS 0 0 17-18 MINS HOW DISTANCES OF WELL FROM ROAD AND 2 BAILER 1 🗋 PUMP BELOW SH IN DIAGRAM BEL PUMPING WATER LEVEL END OF PUMPING 22-24 STATIC WATER LEVELS DURING LINE WFILRE 30 MINUTES 45 MINUTES 14 28-2801C 018⁵⁻³⁵ 10 018 015 01 PUMPING CORS IF FLOWING Z 🗍 CLOUDY RECOMMENDED PUMP TYP RECO 0005 SETTING DE DEET SHALLOW 50-53 1 WATER SUPPLY 2 OBSERVATION WELL 5 🖾 ABANDONED, INSUFFICIENT SUPPLY FINAL 6 ABANDONED, POOR QUALITY STATUS 3 TEST HOLE 4 RECHARGE WELL 7 UNFINISHED OF WELL S COMMERCIAL 1 DOMESTIC 2 STOCK 3 IRRIGATION 6 🔲 MUNICIPAL WATER 7 D PUBLIC SUPPLY 8 🔲 COOLING OR AIR CONDITIONING 4 🔲 INDUSTRIAL USE 9 🗌 NOT USED CABLE TOOL 6 🗌 BORING METHOD 7 🗍 DIAMOND 9AS. STV 8 🗌 JETTING 3 ROTARY (REVERSE) OF ROTARY (AIR) 9 DRIVING LL P DRILLING < 5 T AIR PERCUSSION DRILLERS REMARKS ATE 74 DATA SOURCE 484 OFFICE USE ONLY CONTRACTOR DATE OF INSPECTION R. Du- \bigcirc 10 Oct 75 REMARKS 087.73 YRZ MO. LL 07-091 FORM 7 11-85 THE ENVIRONMENT COPY MINISTRY OF

ν τ			Antia Matar Daraura	31G4e
Ministry of the Environment				RECORD
				CON 09
JIIIATIO 1. PRINT ONLY IN SPA 2. CHECK 🛛 CORRECT	ACES PROVIDED	151655	CON., BLOCK TRACT, SURVEY.	ETC. LOT 25-27
COUNTY OF DISTRIC	Township, Bargagh, Chytown, Villac	······································	(on 9.	
OWNER (SURNAME FIRST) 28.47 Complemental I Com	struction 118 (Ileatha	Une Ottan	
1 8 4283				
	G OF OVERBURDEN AND BED	ROCK MATERIALS	(SEE INSTRUCTIONS)	DEPTH - FEET
GENERAL COLOUR MOST COMNON MATERIAL	OTHER MATERIALS		GENERAL DESCRIPTION	FROM TO
	t .			0 29
grey sand	siones			
ney limestore				29/04
1				
100000081121 10104				
41 WATER RECORD	51 CASING & OPEN HO	DLE RECORD	SIZE(S) OF OPENING (SLOT NO)	SI-33 DIAMETER 34-38 LENGTH 39-40
WATER FOUND AT - FEET 10-13 ' CFRESH 3 ULPHUR 14	INSIDE WALL DIAM MATERIAL THICKNESS INCHES INCHES	FROM TO 13-16	C MATERIAL AND TYPE	DEPTH TO TOP 41-44 50 OF SCREEN FEET
0/04 2 SALTY 4 MINERAL 15-18 1 FRESH 3 SULPHUR 19	Concrete	06032	61 PLUGGING	3 & SEALING RECORD
2 [] SALTY 4 [] MINERAL 20-23 1 [] FRESH 3 [] SULPHUR 24		20-23	DEPTH SET AT - FEET FROM TO	MATERIAL AND TYPE LEAD PACKER, ETC.)
2 [] SALTY 4 [] MINERAL 25-28 1 [] FRESH 3 [] SULPHUR 29	3 CONCRETE 4 OPEN HOLE 24-23 D COCCC 26	27-30	10-13 14-17	
2 _ SALTY 4 _ MINERAL 30-33 1 _ FRESH 3 _ SULPHUR 34 80	2 GALVANIZED 3 CONCRETE		26-29 30-33 80	
2 SALTY 4 MINERAL	1-14 DURATION OF PUMPING	<u></u>	LOCATION O	F WELL
	GPM 0/ 15-160 0 HOURS	IN DIA	GRAM BELOW SHOW DISTANCE	S OF WELL FROM ROAD AND RROW.
STATIC END OF WATER LI LEVEL PUMPING 19-21 22-24 IS MINUTES	EVELS DURING 2 RECOVERY	JTES 25-37		1
$\begin{array}{c} H \\ g \\ f \\ f$	ET AT WATER AT END OF TEST	FEET 42	/30'	N.
GIVE RATE GPM	FEET 1 CLEAR 2	46-49		
		GPM	\uparrow	
	S 🗌 ABANDONED, INSUFFICIENT SU	PPLY	4	Υ 、
FINAL 2 DOBSERVATION WED STATUS 3 DISSERVATION WED STATUS 4 DISSERVATION WED	LL 6 ABANDONED, POOR QUALITY 7 UNFINISHED		TOM	cale
	5 COMMERCIAL 6 MUNICIPAL			₩.
WATER 3 IRRIGATION USE D1 4 INDUSTRIAL	7 ☐ PUBLIC SUPPLY 8 ☐ COOLING OR AIR CONDITIONING		911	ling
	6 BORING			jine j
METHOD 2 OR ROTARY (CONVEN OF 3 OR ROTARY (REVERSI	ITIONAL) 7 DIAMOND E) 8 DIETTING 9 DIETUNG			
		DRILLERS REMAR	KS: 58 CONTRACTOR 59-63	DATE RECEIVED
a Henry Mains U	Jell Drilling 36		1 3644 1 3644	120778
ADDRESS Rox 326	Richmond Of		Ka) _ (
A NAME OF DEFLICTOR BORER	Mains Licence NUMB		-	x
SIGNATURE OF CONTRACTOR	SUBMISSION DATE	78 6	 (1) 	
MINISTRY OF THE ENVIF	RONMENT COPY			FORM NO. 0506-4-7

Min	istry	24 °		The Or	ntario	Water Reso	urces	Act	31 G46	2
of the	he	WA		ER \	N	ELL	R	EC	OR	D
Ontario Env	I. PRINT ONLY IN SP	ACES PROVIDED	1	51792	28	MUNICIP	3	ČØN		0,9
COUNTY OR DISTRICT	2. CHECK 🗵 CORREC	TOWNSHIP, BOROUGH CITY, TOWN, VILL	AGE		CON	10 BLOCK TRACT, SU	14 RVEY ETC	15	LOT 2	23 23
		oulbourn				Conc.	9 DA1	TE COMPLETED	48-53	2
		Healey A	ve.	E.: Sti	Ltts	ville. O	nt.	<u>ү 20 мо</u>	<u>05</u> yr	82
			4		4		<u> </u>			1
12	LO	G OF OVERBURDEN AND BE	DROC	K MATERIAL	S ISEE	INSTRUCTIONS)				
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS			GENE	RAL DESCRIPTION		FRO		5
Brown	Sand	Gravel		Pacl	ked				0 2	4
Gray	Sand	Boulders		Pacl	ked				24 2	5
Gray	Limestone			Med	ium				25 11	0
							-			<u> </u>
							•			
								¥		
(31) 00	4628 11 79 0020	2281379 011921571	<u>s</u>							L
32				43						
(41) W/	ATER RECORD	51 CASING & OPEN H		ECORD		LOT NO }		1	NCHES	FEI
AT - FEET	KIND OF WATER	DIAM MATERIAL THICKNESS INCHES INCHES	5 FRI	M 10 13-16	SCR	TERIAL AND TYPE		DEPTH OF SCR	TO TOP 41- EEN	44 1
00 93 ¹ ²	SALTY 4 MINERAL	06 2 □ GALVANIZED 6-1 3 □ CONCRETE 188	1	0 0027		PLUGO	GING 8	SEALING	RECORD	
0 101' ²	SALTY 4 MINERAL	4 [] OPEN HOLE		20-23	DEPT		MATE	RIAL AND TYPE	ICEMENT GROU LEAD PACKER ET	JТ ТС 1
20.23	FRESH 3 SULPHUR SALTY 4 MINERAL		á	27 0110		10-13 14-17				
25-26 1	G FRESH 3 SULPHUR S	24-25 1 🖸 STEEL 26		27-30		18-21 22-25				
30-33 1 z	G FRESH 3 SULPHUR 3480	3 CONCRETE 4 [] OPEN HOLE				26-29 30-33	80			
71 PUMPING TEST	NETHOD 10 PUMPING RATE	11-14 DURATION OF PUMPING	17-18			LOCATIO	NOF	WELL		
	P 2 BAILER 00	EVELS DURING		IN DIA LOT L	INE	ELOW SHOW DIST	ANCES O BY ARRO	F WELL FROM	ROAD AND	
	PUMPING -21 22-24 15 MINUTES -26.2	2 C RECOVERY	NUTES 35-37			Conc	, 8 a			
G 00 4	EET 022 FEET 022 FE	ET O22FEET 022 FEET 02	2 FEET		Ž					
GIVE RATE	GPM	FEET 1 St CLEAR 2 C	LOUDY	Hon	5)		
	PUMP TYPE RECOMMENDE PUMP OW DEEP SETTING	A3-45 RECOMMENDED PUMPING ABO FEET RATE 000 5	46-49 GPM	1 Or	2		С.	, ·		
50-53	A				i Av	9 7				
FINAL	2 OBSERVATION WE	S ABANDONED, INSUFFICIENT S	UPPLY		*	٠		•		
OF WEL	3 🗍 TEST HOLE 4 🗍 RECHARGE WELL	7 🔲 UNFINISHED			X	Healer	<u> </u>			
	55-56 1 DOMESTIC 2 STOCK	5 COMMERCIAL 6 MUNICIPAL			Y.	neuey		-		
USE	3 🗇 IRRIGATION 01 4 🗇 INDUSTRIAL	7 D PUBLIC SUPPLY 8 D COOLING OR AIR CONDITIONING			//	1991				
	57				/	• 28 3				
METHO	D 2 ROTARY (CONVEN 3 T ROTARY (REVERS	• _ BORING ITIONAL) 7 _ DIAMOND E) 8 _ JETTING								
DRILLIN	G 4 D ROTARY (AIR) 5 AIR PERCUSSION	9 🗋 DRIVING		DRILLERS REMAR	1KS					
NAME OF WI	ELL CONTRACTOR	LICENCE NUM	BER		5		59-62 DAT			53-68
	tal Water Sup	ply Ltd. 15	58	DATE OF INSP	ECTION	ISPEC	CTOR	19 1(102	
Box	490; Stittsvi	11e, Ont. KOA 3G() IBER							
E B. N	Aoore	1		FICE						
O SIGNATURE	OF CONTRACTOR	DAY 20 MO. 05	,22	OFF	,					
		BONMENT COPY						FORM	1 NO. 0506-4-7	7 FORI

Min of t	listry		•	A / A -	The	Ontario	Water Resour	ces Áct	3	1640
Ontario	Vironment 1. PRINT ONLY I 2. CHECK X CO	N SPACES PROVID	DED		1518	VV 6 4 2				
COUNTY OR DISTRICT	-Carleton	TOWNSHI	P. BOROUGH. CITY, 1	TOWN. VILLAGE		CON	BLOCK, TRACT, SURVE	15 (. ETC.		22 23 LOT 25-2
OWNER (SURNAME FI Biit 1 df	RST) 28-47	td.	1735 Co	untward	D 0	ttowo	Ontanio	DATE COMP	LETED 27 1	41-53 0 8
(21)		3.9.9	1703 00				BASIN CODE	DAY	но	<u> </u>
			ERBURDEN A					<u> </u>		
GENERAL COLOUR	MOST COMMON WATERIAL		OTHER MATER	RIALS		GENER	AL DESCRIPTION		DEPTH	- FEET
Brown	Sand	Grav	vel & Bo	ulders	Pac	ked			0	16
Gray	Sand				Pacl	ked			16	35
Gray	Sand	Gray	rel		Pacl	ked			35	39
Gray	Limestone								39	102
									/	
		+							No.	
_										
31) 6016	4281110 003	522879	1 003912	381179	0/652/5					LL
						<u></u>	OF OPENING		<u> </u>	
ATER FOUND AT - FEET	KIND OF WATER			WALL D	ECORD				INCHES	
C162 2	FRESH 3 🗍 SULPHUR ¹⁴ SALTY 4 🗋 HINERAL	6 10-11 1 J	STEEL ¹² 1 GALVANIZED	.88	0 2396				OF SCREEN	41-44 Feet
15-18 1 [] 2 []	FRESH 3 🗍 SULPHUR ¹⁹ SALTY 4 🗌 MINERAL	a ⁴	CONCRETE		0043	61	PLUGGING	& SEALI	NG RECO	RD
20-23 1 [] 2 []	FRESH 3 [] SULPHUR 24 SALTY 4 [] MINERAL] STEEL 19] GALVANIZED 9 CONCRETE		0/L=	FROM		TERIAL AND T	YPE (CEMEN LEAD PAC	T GROUT. KER. ETC)
25-28 1 🖸 2 🗍	FRESH 3 🗍 SULPHUR ²³ SALTY 4 🗍 MINERAL	24-25	OPEN HOLE		27-30	18-	21 22-25			
30-33 1 🖸 2 🗋	FRESH 3 SULPHUR 34 84 SALTY 4 MINERAL		GALVANIZED CONCRETE OPEN HOLE			26-2	9 30-33 80			
I THE PILLER		8 8-14	PITION OF PUMPIN	NG 17:14	······································	L (DCATION OF	WELL	· · · · · · · · · · · · · · · · · · ·	
STATIC	WATER LEVEL 25 END OF WATER L	GPM		MINS	IN DIA LOT L	GRAM BELO	W SHOW DISTANCES CATE NORTH BY ARR	OF WELL FR	OM ROAD AN	D
19-21 0 / 6	22-24 D() 22-24 15 MINUTES 24-2	30 MINUTES 29-31	45 MINUTES	60 MINUTES 35-37				-	ALI	
IF FLOWING, GIVE RATE	38-41 PUNP INTAKE	ET FEET	X FEET	EST 42	<i>H</i>	ealere	Avr. Wes	ł		
RECOMMENDED PUM	X GPM	125 FEET	1 CLEAR 2	46-49						
SO-53		FEET		S GPM		44 +	Hegley			
FINAL	1 🗌 WATER SUPPLY	s 🗌 ABA	NDONED, INSUFFICI	ENT SUPPLY	5	30	ČE X	•		
	S TEST HOLE	7 🗍 UNF	NDONED POOR QUA Inished	LITY	ſ		ץ ר	R.		
55-	56 1 DOMESTIC 2 STOCK	S COMMER	CIAL PAL					P2		
USE OY	A D IRRIGATION		SUPPLY	ING				\ .		
5	7 1 CABLE TOOL					\sim	0#52			
METHOD OF	2 ROTARY (CONVENT 3 ROTARY (REVERSE)	165 J								Managari da .
DRILLING	4 D ROTARY (AIR) 5 AIR PERCUSSION	9			DRILLERS REMARKS	; 				
NAME OF WELL CO	Ant Stitter			NUMBER		58 CON	TRACTOR 59-62 DAT		11	0""
ADDRESS	venert / 7	Shanka	HOA + OA	July	D DATE OF INSPEC	TION	INSPECTOR	23		03
NAME OF DRILLER	OR BORER	oparks			S					
			LICENCE	NUMBER						
GIGNATURE OF CO	TRACTOR	SUBM								

Mi	nistry	x	\ \ \ \	TE	The Or	ntario	Water Resour	ces Act	0. 0	RN
of En	the wironment	i	VVA	.10	1001	74 74		CON.		
Intario	1. PRINT ONLY IN S 2. Check 🗵 Corre	PACES PROVIDED CT BOX WHERE APPLICABL				•				22 23 74 OT 25-27
UNTY OR DISTRIC		TOWNSHIP, BOROUGH.	LDOURN	iE .			Conc.	9	150	022
			Caroline a	ve.;	Ottawa,	Ont.	K1Y 058	DAY_18	O	7 <u> vr 84</u>
			9.6.9.9	4	2410	4				
2	- 10 12 		DEN AND BED	ROCK	MATÉRIAL	S (SEE	INSTRUCTIONS)		DEPTH	· FEET
ENERAL COLOU	IR MOST COMMON MATERIAL	OTHER	MATERIALS			GENE	RAL DESCRIPTION		FROM	· TO
Gray	Sand	Boulders			Pack	ed			0 25	15(
Gray	Limestone				Medi				2.5	1.54
· · · · · · · · · · · · · · · · · · ·				·						
<u> </u>										
			· .	· · · · ·		n y - qu - deren h	•			<u> </u>
	MAAAAAAA	001570 11		<u></u>		, ,		<u> </u>		<u></u> . .
32								للفيا ليب		
41 v	VATER RECORD	51 CASING	G & OPEN HO	LE REC	ORD		LOT NO 1	31-33 DIAMETI	ER 34-38	LENGTH 39
WATER FOUND AT - FEET 10-13		INSIDE DIAM MATERIA INCHES	WALL THICKNESS INCHES	FRUM	10	SCRE	TERIAL AND TYPE		DEPTH TO TOP OF SCREEN	41-44
00 95 I	2 SALTY 4 MINERAL	10-11 1 CSTEEL 2 GALVAN 1 CONCRI		-0	<i>00</i> 28	61	PLUGGIN	IG & SEAL	NG RECO	ORD
0146 1 20-23	2 3 SALTY 4 \square MINERAL 1 \square FRESH 3 \square SULPHUR 24	17-18 1 OPEN H	10LE 19		20-23	DEPT	H SET AT - FEET	MATERIAL AND	TYPE CEN	ENT GROUT
25-26	² \Box SALTY ⁴ \Box MINERAL 1 \Box FRESH 3 \Box SULPHUR ²⁹		ETE IOLE	28	0 150		10-13 14-17	25-		
30-33	2 SALTY 4 MINERAL	24-25 1 🗌 STEEL 2 🗍 GALVAI 3 🗌 CONCR	Z6 NIZED ETE				26-29 30-33 80			
	2 SALTY 4 MINERAL									
	MP 2 BAILER	0010 GPM 01	15-16 HOURS 00	17-18 MINS	IN DI	AGRAM B	ELOW SHOW DISTAN	CES OF WELL	ROM ROAD	AND
	WATER LEVEL END OF PUMPING 19-21 22-24 IS MINUTES	LEVELS DURING	RECOVERY	TES weeks	LOT I	INE	Conc 8	ARROW.		
	FEET 050 FEET 025 F	28 29-31 EET OADFEET O	32-34 50 FEET 05	35-37 FEET			Conc 9			 ₩
IF FLOWING GIVE RATE	GPM.	FEET	CLEAR 2 CLC	UDY				Λ		t
	ED PUMP TYPE RECOMMEND PUMP LLOW GODEEP SETTING	A3-45 RECOMI PUNPIN RATE	IG 0005	46-49 GPN						
50-33		······································			4	$\left(\right)$			\mathbf{N}	
FINAI STATU	I DWATER SUPPLY 2 DESERVATION W IS 3 TEST HOLE	5 ABANDONEI ELL 6 ABANDONEI 7 UNFINISHE	D, INSUFFICIENT SUI D. POOR QUALITY D	PLY	Q	$(\ \)$	\mathbf{i}		1	
OF WE	SS-S6 1 DODESTIC	5 🗋 COMMERCIAL			Y.		, ile	Han	leu's	
WATE		MUNICIPAL MUNICIPAL PUBLIC SUPPLY COOLING OF AL				G	12/129	TRU	S	1
USE		• [] COOLING OK A	NOT USED	·		С	0H			X
METH	OD					3	brage.			
OF DRILLI	NG	9 [] Df	RIVING		DRILLERS REMA	RKS				
NAME OF	WELL CONTRACTOR		LICENCE NUMBE	L		,	SE CONTRACTOR 59	52 0 7 IVE	08 9	21
ADDRESS	ital Water Suppl	y Ltd.	1558			PECTION	INSPECTO		<u> </u>	ノエ
BOX	490: Stittsvill	e, Ont. KOA :	LICENCE NUMB	R						
NO J.	Moore/W. Kavanag	SUBMISSION	I DATE		DEFIC					
I I I	HKa la cod)	x 07.	501	O L C					

25	
U.	Ontario

Well Tag No. (Place Sticker and/or Print Below)

A102303

A102303

1

tion 903 Ontario Water Resources Act
Page_____ of _____

Measurements recorded in: X Metric

Address of Well L	ocation (Street N	umber/Name)		То	wnship			Lot	(Concession		
18 Brad's	Court			G	oulbour	n		22	Drowing	9	Postal	Code
County/District/M	rleton			Si	ty/lown/villa	ige 11e			Onta	rio	Postal	
UTM Coordinates	Zone Easting	No	rthing	M	unicipal Plan	and Sublo	t Number		Other			
NAD 8 3	1 8 4285	44	5009897	/								
Overburden and	d Bedrock Mate	rials/Abando	nment Sea	ling Recor	d (see instruc	ctions on the	back of this form)	ol Deservition	12.12.5		Dep	th (<i>m/ît</i>)
General Colour	Most Cor	nmon Material		Othe	r Materials		Gener	al Description			From	To
Brown	Sand & S	Stones									0	3.35
Grey Lime	stone										3.35	45.10
								<u> </u>				
												-
					and the second							
and the second second		Annular	Space				R	Results of We	ell Yiel	d Testing		
Depth Set at (n	1√ft)	Type of Sea	lant Used		Volume	Placed	After test of well yield, w	water was:	Dra	aw Down	R	ecovery
From I	0	(Matenal an	a Type)		(117)	3	Other, specify	ee	(min)	(m/lt)	(min)	(m/稅)
0.40 0	Groute	ed Cement			.21m	19	If pumping discontinue	d, give reason:	Static	10.55		
									1	10 64	1	14 44
							Pump intake set at (m	n/ft)	2	10.06	2	14 17
						2	30.47		-	10.00	-	14.17
Method o	of Construction		11:17:11	Well Use	•		Pumping rate (I/min / 0	GPM)	3	11.08	3	13.88
Cable Tool	Diamo	ond Pul	olic	Commer	cial	Not used	Duration of pumping		4	11.33	4	13.66
Rotary (Conver	e) Driving		estock	Test Hole		Monitoring	hrs + n	nin	5	11.53	5	13.43
Boring	Diggir	ig Irrig	gation	Cooling &	& Air Conditio	ning	Final water level end of	f pumping (m/ft)	10	12.83	10	12.49
Other, specify_		Oth	ner, specify _				I4.91 If flowing give rate (I/n	nin / GPM)	15	12.98	15	11.79
	Construction	Record - Cas	ing		Status	of Well	,		20	12 /0	20	11
Inside Ope Diameter (Ga	en Hole OR Materia Ivanized, Fibreolass	Wall Thickness	Depth	(<i>m/ft</i>)	X Water S	upply	Recommended pump	depth (m/ft)	25	13.40	25	11.
(cm/in) Con	crete, Plastic, Steel) (cm/in)	From	То	Test Ho	le	ZZ.85 Recommended pump	rate	25	13.84	25	10.70
15.86	Steel	.48	+.45	6.40	Recharg	ge Well	(I/min / GPM)		30	14.01	30	10.49
					Observa	tion and/or	43.5 Well production (l/min	/ GPM)	40	14.44	40	
					Alteratio	ng Hole m	Disinfantad?		50	14.70	50	
					(Constru	uction) ned.	X Yes No		60	14.91	60	
11.11.11.11.1.1.1	Construction	Record - Scre	en	101000000	Insufficie	ent Supply		Map of W	ell Loc	ation		
Outside Diameter	Material	Slat No.	Depth	(m/ft)	Water C	Juality	Please provide a map	below following	; instruct	ions on the	back.	
(cm/in) (Plas	tic, Galvanized, Ste	el) olocitio.	From	То	specify	ned, other,					F	A
												/¥
						pecny						
	Water I	Details	- Free Free	Н	ole Diamet	er						
Water found at D	Depth Kind of Wa	ater: Fresh	X Untested	Dept	h (<i>m/lt</i>) To	Diameter (cm/in)		BRAN'	1			
Water found at [Gas Other, a	specify	Untested	0	6.40	15.86	1	2023	Louk	TK	-)
(m/ft)	Gas Other,	specify		6.40	45.10	15.23	1		~	1		
Water found at D	Depth Kind of Wa	ater: Fresh	Untested			13.25	1	1	1	i		
(m/ft)	Gas Other,	specify	Technicis	- 1-5			i	-	- 6/	1		
Business Name of	of Well Contractor	ctor and well	recnnicia	Wel	I Contractor's	Licence No.	1)	/	1		
Capital W	ater Suppl	y Ltd.		1	5	5 8	1-	!	¥ -	!		
Business Address	s (Street Number	'Name)		Mu	nicipality	11.0	Comments: 1			• ;		
Province	Postal Code	Business	E-mail Add	Iress	LILLSV1	TTe	1			'		
Ontario	K2S 1A6	off	iceDca	apitalwa	ater.ca		Well owner's Date P	ackage Deliver	ed	Mini	stry Us	e Only
Bus.Telephone No	o. (inc. area code)	Name of Well 1	Technician (I	Last Name, I	First Name)		package 2Y 0/	1008	2 5	Audit No.	15	600
Well Technician's L	icence No. Signat	Miller A of Technicia	, Steph an and/or Co	ntractor Dat	e Submitted		X Yes Date V	Vork Completed	1	SEP	17	2010
0 0	9 7 M	han	nl	2	0100	08 30	No 20	1008	12 05	Received		
0506E (2007/12)	© Queen's Ante for	Opeario, 2007	V		Ministr	y's Copy	1					

D'-	•		
Cr	Or	ntar	ric

Measurements recorded in:

X Metric

Imperial

Well Tag No. (Place Sticker and/or Print Below)

A123395

Page of

Lot Address of Well Location (Street Number/Name) Township 9 23 Goulbourn 1949 Stittsville Main St. Province Postal Code City/Town/Village County/District/Municipality Ontario Stittsville Ottawa Carleton Other Municipal Plan and Sublot Number Northing UTM Coordinates Zone Easting NAD 8 3 1 8 5009855 428536 Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form) Depth (m/ft) General Description Other Materials Most Common Material General Colour From 0 5.79 Stones & Gravel Dry Sand Brown 7.31 5.79 Till Grey 7.31 48.76 Limestone Grey 48.76 83.81 Shale Green & Red **Results of Well Yield Testing** Annular Space After test of well yield, water was: Draw Down Recoverv Volume Placed Type of Sealant Used Depth Set at (m/ft) $[\underline{X}]$ Clear and sand free Time Water Level (Material and Type) (m³/ft³) Time | Water Level From То (min) (m/ft) (m/ft) (min) Other, specify 63m³ 9.14 0 Grouted Cement & Bentonite Static If pumping discontinued, give reason: Leve 6.02 1 1 8.40 16.65 Pump intake set at (m/ft) 2 2 9.70 14.88 45.71 3 3 Pumping rate (I/min / GPM) 10.58 13.46 Well Use Method of Construction 54.6 4 11.55 4 X Cable Tool X Rotary (Co**Man**ional) 12.42 Commercial Diamond Public □ Not used Duration of pumping Jetting X Domestic Municipal Dewatering 5 1 hrs + 30 min 5 12.30 11.53 Driving Test Hole Monitoring Rotary (Reverse) Livestock Cooling & Air Conditioning Final water level end of pumping (m/ft) Boring Digging Irrigation 10 10 15.05 9.40 Industrial X Air percussion 19.20 Other, specify Other, specify 15 15 If flowing give rate (I/min / GPM) 16.44 8.45 **Construction Record - Casing** Status of Well 20 20 17.29 7.95 Water Supply Open Hole OR Material Inside Wall Depth (m/ft) Recommended pump depth (m/ft) (Galvanized, Fibreglass, Concrete, Plastic, Steel) Thickness Diameter 30.47 25 25 7.32 From То (cm/in) (cm/in) Test Hole Recommended pump rate 30 30 Recharge Well 18.20 7.10 (I/min / GPM) 15.86 48 +.45 9.14 Stee1 45.5 Dewatering Well 40 40 Observation and/or 6.94 18.64 Well production (I/min / GPM) Monitoring Hole 50 50 Alteration 18.91 6.71 Disinfected? (Construction) 60 60 X Yes 🗌 No 19.02 6.60 Abandoned. Insufficient Supply Map of Well Location **Construction Record - Screen** Abandoned, Poor Please provide a map below following instructions on the back. Water Quality Outside Depth (m/ft) Material Diamete Slot No. Abandoned, other. (Plastic, Galvanized. Steel) From То (cm/in) specify 0 Other, specify e Water Details **Hole Diameter** Depth (m/ft) Diamete Water found at Depth Kind of Water: Fresh X Untested From (cm/in) То 79.24/m/ft) Gas Other, specify Water found at Depth Kind of Water: Fresh Untested 0 9.14 15.86 (m/ft) Gas Other, specify 9.14 83.81 STREET 15.23 BIN Water found at Depth Kind of Water: Fresh Untested 0.C. #5 #1949 (m/ft) Gas Other, specify Well Contractor and Well Technician Information Well Contractor's Licence No Business Name of Well Contractor Capital Water Supply Ltd. 5 1 5 8 Comments Business Address (Street Number/Name) Municipality Box 490 Stittsville Province Postal Code Business E-mail Address Well owner's information package delivered office a capitalwater.ca Date Package Delivered **Ministry Use Only** Ontario K2S |1A6| Bus.Telephone No. (inc. area code) Name of Well Technician (Last Name, First Name) Audit No 04 14 21 01 91 00 7 613 836 1766 Miller, Stephen Well Technician's Licence No. Signature of Technician and/or Contractor Date Submitted z139831 Date Work Completed X Yes MAR 2 8 2013 No 0 1 2 0 9 0 9 7 20120910 0 0 © Queen's Printer for C 0506E (2007/12) 6 2007 Ministry's Copy

UTM $W = 8^{7}$ $1 = 28530$ $2a722$ 5 = 5009640 $2a722The Ontario Water ResoF = 8 = 01402$ WATER WEL County or District $T = 1$ Con. $E = 1$ Con. E = 1 Con. E = 1 C	Jurces Commiss LL RE Township Villay Date completed Iress.	095 60 sion Act CORD ge, Town or City.	Diff and a second se	year
Curring and Serson Popped		Pumpin	a Test	
Inside diameter of casing Total length of casing Type of screen Length of screen Depth to top of screen Diameter of finished hole	Static level Test-pumpir Pumping lev Duration of Water clear Recommend with pump	ng rate vel test pumping or cloudy at end of led pumping rate setting of	test Class	G.P.M.
Well Log			Wate	r Record
Overburden and Bedrock Record Coarse grand fine sand in 2 light stone nors	From ft.	To ft. 77 73 73 75 75 75 75 75 75 75 75 75 75 75 75 75	bepin(s) at which water(s) found	fresh, salty, sulphur)
		location	of Well	
For what purpose(s) is the water to be used? Is well on upland, in valley, or on hillside? Drilling or Boring Firm Address Licence Number Name of Driller or Borer Address Date (Signature of Licensed Drilling or Boring Contractor) Form 7 15M-60-4138	In di road	iagram below show and lot line. In 574 60 .3 Min	distances of we dicate north by	Buried
OWRC COPY	21 22	1	1 (A. 44)	ATE

	MINISTRY OF THE	ENVIRONMENT	RIFUI
रे भ	The Ontario Wate	I RECORE	
			09
NTATIO 1. PRINT ONLY 2. CHECK 🛛 C	IN SPACES PROVIDED ORRECT BOX WHERE APPLICABLE	101/142 /310/012	Y, ETC.
AQLETON	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	AN , IX	
	3 Main	XT Statsville Ont	DAY_13_MOC7_ 179
	09799	RC ELEVATION RC BASIN CODE	
2 M 10 12	LOG OF OVERBURDEN AND BEDF	COCK MATERIALS (SEE INSTRUCTIONS)	
NERAL COLOUR MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	FROM TO
81	gravel		
	0		8 50
Red	hand		0.
	limentarie	rock	50 127
1 d			
31 0008 11.1 1	0507.28 1 01.272.512		
$\frac{32}{41}$ WATER BECORD	T 51 CASING & OPEN HOL	E RECORD	65 75 31-33 DIAMETER 34-38 LENGTH 39-
ATER FOUND AT - FEET KIND OF WATER	THSIDE DIAN. MATERIAL THICKNESS UNCHES INCHES	DEPTH - FEET	INCHES FE DEPTH TO TOP 41-44 OF SCREEN
2 SALTY 4 MINERAL	14 19-11 1 10 STEEL 12 2 GALVANIZED //	0 0 50 0	FEET
15-18 1 _ FRESH 3 _ SULPHUR 2 _ SALTY 4 _ MINERAL	19 3 CONCRETE 78 .	61 PLUGGI	MATERIAL AND TYPE
20-23 1 _ FRESH 3 _ SULPHUR 2 _ SALTY 4 _ MINERAL	24 2 GALVANIZED 3 CONCRETE	FROM TO 10-13 14-12	LEAU PAUNER, EIC.
25-28 1 _ FRESH 3 _ SULPHUR Z _ SALTY 4 _ MINERAL	29 4 0 OPEN HOLE 24-25 1 5 STEEL 26 2 GALVANIZED	27-30 18-21 22-25	
30-33 t C FRESH 3 C SULPHUF 2 SALTY 4 MINERAL	346C 3 CONCRETE	26-29 30-33 8	0
71 PUMPING TEST METHOD 10 PUMPIN 71 DILING 2 CALLER	IG RATE 11-14 DURATION OF PUMPING		OF WELL
STATIC WATER LEVEL 25 LEVEL PUMPING W	TER LEVELS DURING 2 CRECOVERY	IN DIAGRAM BELOW SHOW DISTAN LOT LINE. INDICATE NORTH BY	CES OF WELL FROM ROAD AND ARROW.
0 22 1421 22-24 15 MI	NUTES 30 MINUTES 45 MINUTES 60 MINUTE 46-28 29-31 29-31 22-34 22-34 22-34	Healey Heath	Sul
IF FLOWING, 38-41 PUMP	FEET FEET FEET FEET FEET FEET	tet	# 27
GPM GPM RECOMMENDED PUMP TYPE RECOM	MENDED 43-45 RECOMMENDED 44	5.00	<i>i</i> .
SHALLOW DEEP SETTIN 50-53	G FEET RATE C	Healey a.	ve, E,
FINAL 2 OBSERVATIO	PLY S ABANDONED, INSUFFICIENT SUPP DN WELL 6 ABANDONED, POOR QUALITY		
STATUS 3	7 [] UNFINISHED Well	Rea Plan 6	a
	S COMMERCIAL G MUNICIPAL 7 PUBLIC SUPPLY		M North Contraction
	R COOLING OR AIR CONDITIONING		
METHOD	L 6 BORING ONVENTIONALI 7 DIAMOND		
OF 3 OF BRILLING 4 ROTARY (A	EVERSE) & EVERSE) IR) 9 DRIVING		
S AIR PERCU		DRILLERS REMARKS:	
	Scarks 494	7 3 4847	1 1 (10 (9
E lelaston H		O DATE OF INSPECTION	R
House House		DATE OF INSPECTION INSPECT U U D REMARKS:	iR
NAME OF DRILLER OR BORER			P

\mathcal{D}	The Ontario Water Res	RECORD	
		17142 MINICIP	
1. PRINT ONLY 2. CHECK X CO	IN SPACES PROVIDED	CON. BLOCK. TRACT. SURVEY. ETC	LOT 25-2
TY OR DISTRICT	TOWNSHIP BOROGER CHILDEDURN	DAT	E COMPLETED 44 51
	3 Minutes Sil	C X attanille Wart on	<u>у 1 3 мо ун/ 4</u>
	LOG OF OVERBURDEN AND BEDROCK	MATERIALS (SEE INSTRUCTIONS)	DEPTH FEET
IERAL COLOUR COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	FROM TO
81	yravel		
			8 50
led	<u>ang</u>	•	
173 -41.6	limestorie	nich	50 127
1			
31			الإياليايلي
A1 WATER RECORD	51 CASING & OPEN HOLE RE	CORD	33 DIAWLTER 34 37 LENGTH
NATER FOUND KIND OF WATER	INSIDE MATERIAL DE DIAM MATERIAL THICKNESS FPUT INCHES FPUT	TO U MATERIAL AND TYPE	DEPTH TO TOP 41-44 OF SCREEN
10-137 2 SALTY. 4 MINERA	JR 19:11 1 DISTEEL 12 AL 2 [] GALVANIZED		& SEALING RECORD
15-11 1 FRESH 3 SULPHI 2 3 SALTY 4 MINER/	AL 4 [] OPEN HOLE	20-21 DEPTH SET AT - FEET MI	ATERIAL AND TYPE LEAD PACKER ETC
20-23 1 _ FRESH 3 _ SULPH 2 _ SALTY 4 _ MINER:	UR 2 [] GALVANIZED AL 3 [] CONCRETE 	10 11 14 17	
23-28 1 G FRESH 3 G SULPH 2 G SALTY 4 G MINER	AL 24-73 1 STEEL 26 AL 7 GALVANIZED 10 GALVANIZED	26-29 30 33 80	
30-33 1 C FRESH 3 SULPH 2 SALTY 4 MINER			
71 PUMPING TEST METHOD TO PUM	PING RAIE 11-14 DURATION OF PUMPING 15-16 17-18 GPMHOURSHINS	IN DIAGRAM BELOW SHOW DISTANCES	S OF WELL FROM ROAD AND
STATIC WATER LEVEL 25 EEVEL PUMPING	I DUMPING	LOT LINE INDICATE NORTH BY AR	Row
SU 725 17 17 18	100 163 30 ANOTES 30 23.32 34 37 25-32 7 reet 2 5 reet 2 6 reet 3 7 reet	Healey Hearn	- 1 47
C IF FLOWING 30-41 PUA	AP INTAKE SET AT WATER AT END OF TEST 42	Let 7	TT XI
RECOMMENDED PUMP TYPE REC	COMMENDED 43-45 RECOMMENDED 46-49 PUMPING TING FEET RATE GPM	DID R	A (A)
50-53 GPA	N./FT. SPECIFIC CAPACITY	Healey Wa-	
	SUPPLY S [] ABANDONED, INSUFFICIENT SUPPLY ATION WELL 6 [] ABANDONED POOR QUALITY		
OF WELL 4 D RECHAR			
WATER 3 IRRIGA	10 S COMMERCIAL 0 MUNICIPAL 110N 7 D PUBLIC SUPPLY		
	RIAL B COOLING OR AIR CONDITIONING THER INTUSED		
METHOD 2 M ROTAR	TOOL 6 DORING Y (CONVENTIONAL) 7 DIAMOND		
OF 3 C ROTAR	Y (REVERSE) 8 U JETTING Y (AIR) 9 DRIVING PRUISSION	DRILLERS REMARKS	
NAME OF WELL CONTRACTOR		DATA SE CONTRACTOR 59-0	T 7 107
o Claster 1	1 xports 14141	DATE OF INSPECTION	
	LICENCE NUMBER		P
	SUBMISSION DATE		55.58 WI
O SIGNATURE OF CONTRACTOR	6 11. 12 m 7 12		
laster 12	A CAR A A A CAR DANY		FORE 7 MO

🗑 On	tario th	linistry of le Environment	Well Tag Numb	per (Place	e sticker and print n	umber below)	Regulation 903 On	Well tario Water F	Record Resources Act
Instructions f	or Completing	g Form	A0256	17		s.		pa	ge of
 For use in All Section Questions All metre in 	the Province o s must be com regarding comp measurements	f Ontario only. Thi pleted in full to avo oleting this applicat shall be reported	s document is a id delays in pro ion can be direc I to 1/10th of a r	a perma cessing cted to metre .	anent legal o g. Further ins the Water W	locument. Ple structions and /ell Managem	ease retain for future re explanations are availab nent Coordinator at 416 Ministry Use On	ference. le on the bac -235-6203. 	k of this form.
• Please phr Well Owner's	Information a	and Location of V	Vell Information	on	MUN	co	DN	L	от
									ž
Ottama Car RR#/Street Num Brad's	leton ber/Name Court	Fasting	Northing		City/Town/Villa Stitts Jnit Make/Mod	ige /111e del Mode	of Operation: Undiffere	ent/Block/Trac	ct etc.
	8 3 18	42 85 17	500 99	<u>71</u>	GArmin		Differenti	ated, specify	
General Colour	Most common r	material	Other Materials	<i>л</i> із)		Genera	Description	Depth	n <u>Metres</u>
Brown	Sand	I	Broken Rock	:				0	2.74
Gray	Limest	one I	ark Layers	3		Medi	um	2.	74 76.19
		· .							
						-	Test of		
Hole Di	ameter res Diameter		Constructio	on Reco	Denth	Metres	Pumping test method	Draw Down	Recovery
From T	o Centimetres	diam Mate	erial thick	kness -	From		submersible Tim	ne Water Level n Metres	Time Water Level min Metres
0 6.	40 22.75		Cenur	neues			Pump intake set at - Stat (metres) 60,96 Lev	tic /el 9.16	
6.40 76.	19 15.07	15.86 Steel	Fibreglass	48	+ .45	6,40	Pumping rate	9.79	1 9.45
Water	Record	Plastic	Concrete				Duration of pumping 2	9.92	2 9.45
Water found at Metres	Kind of Water		Fibreglass				Final water level end 3	0.05	3 9 45
57.60 F	resh Sulphur alty Minerals		Concrete				of pumping 10 matters	9.93	<u> </u>
	· · · · · · · · · · ·		Fibreglass				type.	9,97	4 9.52
75.89 □ F	resh Sulphur alty Minerals		Concrete				Recommended pump 5	; 9.99	5 9.51
Other:	tested	Galvaniz	Scr	een			Recommended pump 10	0 10.065	10 9.44
	alty Minerals	Outside Steel	Fibreglass Slo	t No.			If flowing give rate - 20	5 10.11 0 10 15	15 9.40 20 9.36
After test of well	vield, water was						(litres/min) 2	5 10.18	25 9.32
Clear and sed	iment free	Galvaniz	No Casing	or Scr	een		ued, give reason.	$ \begin{array}{c c} 0 & 10.20 \\ 0 & 10.24 \end{array} $	³⁰ 9.31 ⁴⁰ 9.29
		Copen ho	ble		6 40	76 10	5	0 10.28	50 9.27
		76.19			0,40	70.19		<u>V 10,29 </u> Nell	00 0.26
Depth set at - Met	res Material and typ	e (bentonite slurry, neat o	cement slurry) etc.		he Placed	In diagram belo	w show distances of well from	road, lot line, a	nd building.
From To	Grouted	- Cement		.21m	3	Indicate north b	Forestarou	C	-70-
				•					
					· · · · · · · · ·			A. 0	· · · · · · · · · · · · · · · · · · ·
					تمر		Drau	25 100	
	N	Method of Construc	tion				n an an an Arran an A Arran an Arran an Arr	rot	
Cable Tool	ntional) 🔀 Air per	(air)	Jetting] Digging] Other		ł		
Rotary (reverse	e) Boring	Water Use	Driving						× 1
			Public Supply	Ľ] Other				
Irrigation			Cooling & air cond	itioning		Audit No. 7	26131 Date W	Vell Completed	Y MM PR
Water Supply	Recharge w	Final Status of We	ell Unfinished	Aband	oned, (Other)	Was the well or	wner's information Date D	2003 Delivered	<u> </u>
Observation w	ell Abandoned	, insufficient supply	Dewatering Replacement well			package deliver	ed? Yes No	2005	7 41
Nome of Mark C	Well Con	ntractor/Technician	Information Well Con	tractor's	Licence No.	Data Source	Ministry Use C	Dnly actor	RRO
Capital	ater Supp	Ltd.	15	58		Date Received	Vany Int Data a	of Inspection	
Business Address	s (street name, numi Stitter 11	oer, city etc.) e. Ontario K 7	S 146			OCT 2	4 2005 Date 0		
Name of Well Tec Miller S	hnician (last name, tephen	first name)	Well Tecl	hnician's)097	Licence No.	Remarks	Well F	Record Number	
Signature diffect	hician/Contractor		Date Subm	nitted YYYY 2001	MM DD				
0506E (09/03)		Contractor's	Copy 🗌 Ministry	/'s Copy	Well Owr	ner's Copy 🗌	Cette form	nule est dispo	nible en français

Vanessa Naufal

From:	Public Information Services <publicinformationservices@tssa.org></publicinformationservices@tssa.org>
Sent:	Tuesday, June 18, 2024 8:12 AM
То:	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 In	formation								
*Site Address or Location:	1883 Stittsville Main Street, Stittsville, ON										
	* Mandatory Field	* Mandatory Field									
*Applicant/Agent	Information:										
Company name:	Paterson Group										
Contact name:	Vanessa Naufal										
Mailing Address:	9 Auriga Drive, Ottawa, ON, K1P 0B	6									
Telephone:	613-505-5190	Email Address:	vnaufal@patersongroup.ca								
*Registered Prop	erty Owner Information:	Same as abov	e								
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 OR Lot Does the sit	e: m Lot depth: m Lot area: m ² t area: (irregular lot) 10452 m ² :e have Full Municipal Services:Yes • No	
	Required Fees	
Please don't hesita more information.	te to visit the Historic Land Use Inventory website 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:

- 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/yy	yy): 06/12/2024	
Per: Vanessa Nauf	al	
(Please print r	name)	
Title: Environmen	tal Co-op	
-		

Company: 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/Madame

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:

Name of Representative:

Signature:

ess Bradley

202

Date:



File Number: D06-03-24-0072

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: <u>https://www.ottawapublichealth.ca/en/public-health-services/public-healthinspections.aspx</u>
- 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 <u>Overview and User</u> <u>Guide</u>."

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

The Ontario Land Registry Office

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

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

Ottawa Public Health

Ottawa Public Health inspects many different types of establishments. To view inspection results, please visit the Ottawa Public Health website: <u>Public Health Inspections - Ottawa</u> <u>Public Health</u>

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



Prepared By: D. Kiar Environmental Remediation Unit Jun 26 2024 City of Ottawa

N

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	QAQC	YEAR	YEAR_1 ST_NUM	ST_NAME	ST_SUFFIX	ST_DIR	MUNICIPALI TY	ST_NUM201 7	ST_NAME2017	ST_SUFFIX2 017	ST_DIR2017	OSTAL_CO DE2017	PIN2017	MUNICIPALITY201	NAICS	SIC	COMMENTS	STORAGE_TANK	Shape_Length	Shape_Area
OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	QAQC YE	AR Y	YEAR_1 ST_NUM	I ST_NAME	ST_SUFFI	ST_DIR	MUNICIPA	A ST_NUM2 S	ST_NAME2017	ST_SUFF	I ST_DIR20 P	POSTAL_(F	PIN2017	MUNICIPALITY	NAICS	SIC	COMMENTS	STORAGE_TANK	Shape_Length	Shape_Area
	7163 DIAMOND FIRE PROTEC	C Electric Lighting Industries	s 2001-ES	1 200	01-2008 c	c. 2001 187	6 STITTSVILLE MAI	INST		STITTSVIL	L 354 A	ALDWORTH	PRIV	K	(2S0M9 4	14462489	GOULBOURN	334290				107.1235423	600.5450352



DATABASE REPORT

Project Property:

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

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

Table of Contents

Table of Contents	2
Executive Summary	3
Executive Summary: Report Summary	4
Executive Summary: Site Report Summary - Project Property	7
Executive Summary: Site Report Summary - Surrounding Properties	8
Executive Summary: Summary By Data Source	12
Мар	17
Aerial	18
Topographic Map	19
Detail Report	20
Unplottable Summary	162
Unplottable Report	164
Appendix: Database Descriptions	187
Definitions	197

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.

Your Liability for misuse: Using this Service and/or its reports in a manner contrary to this Notice or your agreement will be in breach of copyright and contract and ERIS may obtain damages for such mis-use, including damages caused to third parties, and gives ERIS the right to terminate your account, rescind your license to any previous reports and to bar you from future use of the Service.

No warranty of Accuracy or Liability for ERIS: The information contained in this report has been produced by ERIS Information Limited Partnership ("ERIS") using various sources of information, including information provided by Federal and Provincial government departments. The report applies only to the address and up to the date specified on the cover of this report, and any alterations or deviation from this description will require a new report. This report and the data contained herein does not purport to be and does not constitute a guarantee of the accuracy of the information contained herein and does not constitute a legal opinion nor medical advice. Although ERIS has endeavored to present you with information that is accurate, ERIS disclaims, any and all liability for any errors, omissions, or inaccuracies in such information and data, whether attributable to inadvertence, negligence or otherwise, and for any consequences arising therefrom. Liability on the part of ERIS is limited to the monetary value paid for this report.

Trademark and Copyright: You may not use the ERIS trademarks or attribute any work to ERIS other than as outlined above. This Service and Report (s) are protected by copyright owned by ERIS Information Limited Partnership. Copyright in data used in the Service or Report(s) (the "Data") is owned by ERIS or its licensors. The Service, Report(s) and Data may not be copied or reproduced in whole or in any substantial part without prior written consent of ERIS.

Executive Summary

Property Information:

Project Property:

Phase I ESA 1883 Stittsville Main Street Stittsville ON K2S 1B8

P.O. 60388 / PE6592

Coordinates:

Project No:

	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: Date Requested: Requested by: Report Type: 24060700322 June 7, 2024 Paterson Group Inc. Standard Report

Historical/Products:

Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	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
СНМ	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

erisinfo.com | Environmental Risk Information Services
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

abase	Name	Searched	Project Property	Within 0.25 km	Total
		Total:	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

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
<u>1</u>	WWIS		lot 22 con 9 ON	NE/7.5	0.04	<u>20</u>
			Well ID: 1515755			
<u>2</u>	WWIS		lot 22 con 9 ON	N/66.0	0.08	<u>23</u>
			Well ID: 1509890			
<u>3</u>	WWIS		lot 22 con 9 ON	WNW/110.8	2.08	<u>26</u>
			Well ID: 1517086			
<u>3</u>	WWIS		lot 22 con 9 ON	WNW/110.8	2.08	<u>29</u>
			Well ID: 1517204			
<u>3</u>	WWIS		lot 22 con 9 ON	WNW/110.8	2.08	<u>32</u>
			Well ID: 1517205			
<u>3</u>	WWIS		lot 22 con 9 ON	WNW/110.8	2.08	<u>35</u>
			Well ID: 1517874			
<u>3</u>	WWIS		lot 22 con 9 ON	WNW/110.8	2.08	<u>39</u>
			Well ID: 1518015			
<u>3</u>	WWIS		lot 22 con 9 ON	WNW/110.8	2.08	<u>42</u>
			Well ID: 1518069			
<u>3</u>	WWIS		lot 22 con 9 ON	WNW/110.8	2.08	<u>46</u>
			Well ID: 1518249			
<u>3</u>	WWIS		lot 22 con 9 ON	WNW/110.8	2.08	<u>50</u>
			Well ID: 1518340			
<u>3</u>	WWIS		lot 22 con 9 ON	WNW/110.8	2.08	<u>53</u>
			Well ID: 1518341			
<u>3</u>	WWIS		lot 22 con 9 ON	WNW/110.8	2.08	<u>57</u>

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>
			weii 1D: 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 <i>Well ID:</i> 7156131	NW/139.4	1.46	<u>74</u>
<u>6</u>	wwis		1877 STITTSVILLE MAIN ST. lot 22 con 9 STITTSVILLE ON	NNW/139.8	0.16	<u>76</u>
			Weil 10. 1520254			
7	BORE		ON	NW/142.3	1.12	<u>78</u>
<u>8</u>	WWIS		lot 22 con 9	S/145.3	2.08	<u>79</u>
			Well ID: 1518644			
<u>8</u>	WWIS		lot 22 con 9 ON	S/145.3	2.08	<u>83</u>
			Well ID: 1519542			
<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	S/171.9	2.08	<u>87</u>
			Well ID: 1532214			
<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			
<u>10</u>	WWIS		lot 22 con 9 ON	S/171.9	2.08	<u>95</u>
			Well ID: 1532224			
<u>10</u>	WWIS		lot 22 con 9 ON	S/171.9	2.08	<u>99</u>
			Well ID: 1532395			
<u>11</u>	WWIS		lot 22 con 9 ON	S/172.0	2.08	<u>103</u>
			Well ID: 1531695			
<u>12</u>	ECA	1384341 Ontario Ltd. and Monarch Corporation	Ottawa ON K2C 3H2	S/172.4	2.08	<u>106</u>
				• ··· ·		
<u>12</u>	ECA	1384341 Ontario Ltd.	Ottawa ON K0A 1B0	S/172.4	2.08	<u>106</u>
<u>12</u>	ECA	1384341 Ontario Ltd. and		S/172.4	2.08	107
		Monarch Corporation	Ollawa ON NZC 3HZ			
<u>12</u>	ECA	1384341 Ontario Ltd. and		S/172.4	2.08	107
		Monarch Corporation	Ottawa ON K2C 3H2			
<u>13</u>	WWIS		lot 22 con 9 ON	S/172.7	2.08	107
			Well ID: 1530042			
<u>13</u>	WWIS		lot 22 con 9 ON	S/172.7	2.08	<u>111</u>
			Well ID: 1521297			
<u>13</u>	WWIS		lot 22 con 9 ON	S/172.7	2.08	<u>114</u>
			Well ID: 1521852			
<u>13</u>	WWIS		lot 22 con 9 ON	S/172.7	2.08	<u>118</u>
			Well ID: 1525248			
<u>13</u>	WWIS		lot 22 con 9 ON	S/172.7	2.08	<u>121</u>
			Well ID: 1525669			
<u>13</u>	WWIS		lot 22 con 9 ON	S/172.7	2.08	<u>125</u>

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

Equal/Higher Elevation	<u>Address</u>	Direction	Distance (m)	<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.

Equal/Higher Elevation	Address	Direction	<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>

<u>PINC</u> - 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.

Equal/Higher Elevation	<u>Address</u>	Direction	<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.

Lower Elevation	<u>Address</u>	Direction	<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.

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

Address Well ID: 1518352	<u>Direction</u>	<u>Distance (m)</u>	<u>Map Key</u>
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 <i>Well ID:</i> 7156131	NW	139.40	<u>5</u>
1877 STITTSVILLE MAIN ST. lot 22 con 9 STITTSVILLE ON <i>Well ID:</i> 7328234	NNW	139.83	<u>6</u>

Equal/Higher Elevation

Equal/Higher Elevation	Address	Direction	<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>Address</u>	Direction	Distance (m)	<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			

Equal/Higher Elevation

75°54'30"W



Source: © 2021 ESRI StreetMap Premium.

Rail

© ERIS Information Limited Partnership

Hospital





Aerial Year: 2023

Address: 1883 Stittsville Main Street, Stittsville, ON

Source: ESRI World Imagery

Order Number: 24060700322



45°15'N

© ERIS Information Limited Partnership



Topographic Map

Address: 1883 Stittsville Main Street, ON

Source: ESRI World Topographic Map

Order Number: 24060700322



© ERIS Information Limited Partnership

Detail Report

Map Key	Numbe Record	r of 's	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>1</u>	1 of 1		NE/7.5	122.8 / 0.04	lot 22 con 9 ON	и	vwis
Well ID: Construction Use 1st: Use 2nd: Final Well St Water Type: Casing Mate Audit No: Tag: Constructn I Elevation (m Elevatin Relia Depth to Bee Well Depth: Overburden/ Pump Rate: Static Water Clear/Cloudy Municipality Site Info:	n Date: tatus: vrial: Method: i): abilty: drock: /Bedrock: /Bedrock: 'Level: ':	1515755 Domestic 0 Water Sup	oply GOULBOURN TOV	VNSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession: Concession: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 12/09/1976 TRUE 1558 1 OTTAWA-CARLETON 022 09 CON	
PDF URL (M	ap):		https://d2khazk8e8	3rdv.cloudfront.ne	et/moe_mapping/downloads	/2Water/Wells_pdfs/151\1515755.pdf	
Additional D	etail(s) (Ma	<u>p)</u>					
Well Comple Year Comple Depth (m): Latitude: Longitude: X: Y: Path:	eted Date: eted:		11/05/1976 1976 24.384 45.2414010504139 -75.911901133485 -75.911900971631 45.2414010430439 151\1515755.pdf	3 06 8			
Bore Hole In	formation						
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De Open Hole: Cluster Kind Date Comple Remarks: Location Me Elevrc Desc: Location So): IS: ISC: I: eted: thod Desc: : urce Date: t Location	10037699 11/05/197	6 Original Pre1985 U	TM Rel Code 5: n	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: nargin of error : 100 m - 300	18 428430.70 5010172.00 5 margin of error : 100 m - 300 m p5 0 m	
Improvemen Improvemen Source Revi	nt Location It Location Sion Comm	Source: Method: nent:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Supplier Com	iment:				
<u>Overburden a</u> Materials Inte	nd Bedrock rval				
Formation ID. Layer: Color: General Colo. Material 1: Material 1 De. Material 2: Material 2 De. Material 3:	r: sc: sc: sc:	931030142 2 GREY 15 LIMESTONE			
Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	9.0 80.0 ft			
<u>Overburden a</u> Materials Inte	and Bedrock rval				
Formation ID. Layer: Color: General Colo Material 1 De. Material 1 De. Material 2 De. Material 3 De. Material 3 De. Formation To Formation En	r: sc: sc: sc: p Depth: d Depth: d Depth UOM:	931030141 1 6 BROWN 28 SAND 12 STONES 01 FILL 0.0 9.0 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: I Construction:	961515755 1 Cable Tool			
<u>Pipe Informat</u>	ion				
Pipe ID: Casing No: Comment: Alt Name:		10586269 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame	Material: eter:	930066443 1 STEEL 25.0 6.0			
Casing Diame Casing Depth	eter UOM: UOM:	inch ft			

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID:	934378104
Test Type:	Draw Down
Test Duration:	30
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

934897107
Draw Down
60
50.0
ft

Draw Down & Recovery

Pump Test Detail ID:	934101333
Test Type:	Draw Down
Test Duration:	15
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump	Test	Detail	ID:
Test T	ype:		

22

934639208 Draw Down

Map Key	Number Records	of S	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Test Duration Test Level: Test Level UC	а: ОМ:	2 E f	45 50.0 t				
Water Details	I						
Water ID:		ç	933471920				
Kind Code:		1					
Water Found	Depth:	7	78.0				
Water Found	Depth UON	<i>1:</i> f	t				
<u>2</u>	1 of 1		N/66.0	122.9 / 0.08	lot 22 con 9 ON		wwis
Well ID: Construction	Date:	1509890			Flowing (Y/N): Flow Rate:		
Use 1st:	Dale.	Domestic			Data Entry Status:		
Use 2nd: Final Well Sta	atus:	0 Water Sup	olv		Data Src: Date Received:	1 01/08/1969	
Water Type:	ial.		,		Selected Flag:	TRUE	
Audit No:	iai.				Contractor:	1503	
Tag: Constructn M	lethod:				Form Version: Owner:	1	
Elevation (m)	:				County:	OTTAWA-CARLETON	
Depth to Bed	bility: rock:				Lot: Concession:	022	
Well Depth: Overburden/F	Bedrock [.]				Concession Name: Fasting NAD83:	CON	
Pump Rate:					Northing NAD83:		
Clear/Cloudy	Level: :				Zone: UTM Reliability:		
Municipality: Site Info:		(GOULBOURN TOV	VNSHIP			
PDF URL (Ma	p):	ł	https://d2khazk8e8	3rdv.cloudfront.ne	t/moe_mapping/downloads/2	Water/Wells_pdfs/150\1509890.pdf	
Additional De	etail(s) (Map	<u>)</u>					
Well Complet	ted Date:	1	2/10/1968				
Year Complet Depth (m):	ted:	1	968 21.9456				
Latitude:		2	15.2419400572221	4			
Longitude: X:		-	75.9120371731854 75.912037012407	4			
Y: Path:		2 1	5.2419400504197 50\1509890.pdf	6			
Bore Hole Inf	ormation						
Bore Hole ID:		10031922			Elevation:		
DP2BR:					Elevrc: Zopo:	18	
Spatial Status Code OB:	5.				∠one: East83:	428420.70	
Code OB Des	SC:				North83: Ora CS:	5010232.00	
Cluster Kind:					UTMRC:	4	
Date Complet	ted:	12/10/1968	3		UTMRC Desc:	margin of error : 30 m - 100 m p4	
Location Met	hod Desc:	(Driginal Pre1985 U	TM Rel Code 4: m	hargin of error : 30 m - 100 m	۲ '	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Com	rce Date: Location Source: Location Method: ion Comment: iment:				
<u>Overburden a</u> Materials Inte	nd Bedrock rval				
Formation ID. Layer: Color: General Colo. Material 1: Material 2: Material 2 De: Material 3: Material 3 De: Formation For Formation En	r: sc: sc: p Depth: d Depth: d Depth:	931013332 1 05 CLAY 09 MEDIUM SAND 0.0 2.0 ft			
<u>Overburden a</u> Materials Inte	nd Bedrock rval				
Formation ID. Layer: Color: General Colo. Material 1: Material 1 De: Material 2: Material 2: Material 3:	r: sc: sc:	931013333 2 17 SHALE			
Material 3 Des Formation To Formation En Formation En	sc: p Depth: d Depth: d Depth UOM:	2.0 10.0 ft			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID. Layer: Color: General Colo	r:	931013334 3			
Material 1: Material 1 De: Material 2: Material 2 De: Material 3: Material 3 De:	sc: sc:	15 LIMESTONE			
Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	10.0 72.0 ft			
<u>Method of Co Use</u> Method Cons	nstruction & Well truction ID:	961509890			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	Ľ)B
Method Con Method Con Other Metho	struction Code: struction: d Construction:	1 Cable Tool				
Pipe Informa	<u>ation</u>					
Pipe ID: Casing No: Comment: Alt Name:		10580492 1				
<u>Construction</u>	<u>n Record - Casing</u>					
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Dept	r Material: neter: neter UOM: h UOM:	930056475 1 1 STEEL 18.0 5.0 inch ft				
<u>Construction</u>	n Record - Casing					
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Dept	r Material: neter: neter UOM: h UOM:	930056476 2 4 OPEN HOLE 72.0 5.0 inch ft				
<u>Results of W</u>	/ell Yield Testing					
Pumping Te: Pump Test II Pump Set Ad Static Level: Final Level A Recommend Pumping Rat Flowing Rat Recommend Levels UOM. Rate UOM: Water State . Pumping Te: Pumping Du Flowing: Water Detail Water ID: Layer: Kind Code: Kind: Water Found	st Method Desc: D: After Pumping: led Pump Depth: te: e: led Pump Rate: s: After Test Code: After Test Code: After Test: st Method: ration HR: ration MIN:	PUMP 991509890 25.0 32.0 50.0 10.0 5.0 ft GPM 2 CLOUDY 1 1 0 No 933464783 1 1 FRESH 70.0				
25	erisinfo.com Env	vironmental Risk Info	rmation Service	S	Order No: 2406070032	22

Мар Кеу	Number Records	of S	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Water Found	Depth UOI	И:	ft				
<u>3</u>	1 of 14		WNW/110.8	124.9/2.08	lot 22 con 9 ON		wwis
Well ID: Construction Use 1st: Use 2nd: Final Well Sta Water Type: Casing Mater Audit No: Tag: Constructn M Elevation (m, Elevation (m, Elevation (m, Elevation (m, Elevation Relia Depth to Beo Well Depth: Overburden/ Pump Rate: Static Water Clear/Cloudy Municipality: Site Info:	Date: atus: rial: /ethod:): bbilty: lrock: Bedrock: Level:	1517086 Domestic 0 Water Su	goulbourn tow	'NSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 08/13/1979 TRUE 1558 1 OTTAWA-CARLETON 022 09 CON	
PDF URL (Ma Additional Do Well Comple Year Comple Depth (m): Latitude: Longitude: X: Y: Path:	ap): etail(s) (Maj ted Date: ted:	<u>)</u>	https://d2khazk8e83 07/09/1979 1979 45.4152 45.2418317884369 -75.9131949278632 -75.9131947670598 45.24183178121409 151\1517086.pdf	rdv.cloudfront.ne	t/moe_mapping/downloads/2	Water/Wells_pdfs/151\1517086.pdf	
Bore Hole Int Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB Des Open Hole: Cluster Kind. Date Comple Remarks: Location Met Elevrc Desc: Location Sou Improvement Source Revis Supplier Com	formation : s: sc: ted: thod Desc: t Location S t Location I sion Commo nment: and Bedroc prval	10038966 07/09/193 Source: Method: ent: <u>k</u>	5 79 Original Pre1985 UT	⁻ M Rel Code 4: m	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: nargin of error : 30 m - 100 m	18 428329.70 5010221.00 4 margin of error : 30 m - 100 m p4	
Formation ID	2		931034107				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		3			
General Colo	r:	GREY			
Material 1:		15			
Material 1 De	sc:	LIMESTONE			
Material 2: Material 2 De	sc.	73 HARD			
Material 3:					
Material 3 De	sc:				
Formation To	op Depth: od Depth:	45.0 140.0			
Formation En	nd Depth UOM:	ft			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID	:	931034106			
Layer:		2			
Color:	r.	2 GREV			
Material 1:		28			
Material 1 De	sc:	SAND			
Material 2: Material 2 Do	so:				
Material 2 De	56.	79			
Material 3 De	sc:	PACKED			
Formation To	p Depth: d Dopth:	30.0 45.0			
Formation En	nd Depth UOM:	ft			
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID.	:	931034105			
Layer: Color:		1			
General Colo	r:	BROWN			
Material 1:		28			
Material 1 De	SC:	SAND 12			
Material 2 De	sc:	STONES			
Material 3:		79 BACKED			
Formation To	op Depth:	0.0			
Formation En	nd Depth:	30.0			
Formation En	d Depth UOM:	π			
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID	:	931034108			
Layer:		4			
General Colo	r:	° BLACK			
Material 1:		15			
Material 1 De	sc:	LIMESTONE			
Material 2: Material 2 De	sc.	80 POROUS			
Material 3:					
Material 3 De	sc:	440.0			
Formation To	p Depth: d Depth:	140.0 149.0			
Formation En	nd Depth UOM:	ft			
	•				

Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961517086 1 Cable Tool
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10587536 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930068336 2 4 OPEN HOLE 149.0 6.0 inch ft
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material:	930068335 1 1 STEEL

	-
Depth From:	
Depth To:	45.0
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:	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

Draw Down & Recovery

Map Key	Number o Records	of Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Pump Test D Test Type: Test Duration Test Level: Test Level U	etail ID: n: OM:	934382624 Draw Down 30 60.0 ft				
<u>Draw Down 8</u>	Recovery					
Pump Test D Test Type: Test Duration Test Level: Test Level U	etail ID: n: OM:	934901608 Draw Down 60 60.0 ft				
<u>Draw Down 8</u>	Recovery					
Pump Test D Test Type: Test Duration Test Level: Test Level U	etail ID: n: OM:	934102623 Draw Down 15 60.0 ft				
Draw Down &	Recovery					
Pump Test D Test Type: Test Duration Test Level: Test Level U	etail ID: n: OM:	934644127 Draw Down 45 60.0 ft				
Water Details	2					
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM:	933473495 1 FRESH 90.0 ft				
Water Details	i					
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM:	933473496 2 1 FRESH 147.0 ft				
<u>3</u>	2 of 14	WNW/110.8	124.9 / 2.08	lot 22 con 9 ON		wwis
Well ID: Construction Use 1st: Use 2nd: Final Well St. Water Type: Casing Mateu Audit No: Tag:	a Date: atus: rial:	1517204 Domestic) Water Supply		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	1 01/08/1980 TRUE 3644 1	

Map Key Nu Rec	mber of cords	Direction/ Distance (m)	Elev/Diff (m)	Site	
Constructn Method Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedro Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:	d: ock: :	GOULBOURN TOW	NSHIP	Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA-CARLETON 022 09 CON
PDF URL (Map):		https://d2khazk8e83	rdv.cloudfront.net	/moe_mapping/downloads/2	Water/Wells_pdfs/151\1517204.pdf
Additional Detail(s	<u>) (Map)</u>				
Well Completed Da Year Completed: Depth (m): Latitude: Longitude: X: Y: Path:	ate:	11/05/1979 1979 32.004 45.2418317884369 -75.9131949278632 -75.9131947670598 45.24183178121409 151\1517204.pdf	16		
<u>Bore Hole Informat</u> Bore Hole ID [.]	<u>tion</u> 1003908	1		Flevation	
DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed:	11/05/19	79		Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 428329.70 5010221.00 4 margin of error : 30 m - 100 m
Remarks: Location Method D Elevrc Desc: Location Source D Improvement Loca Improvement Loca Source Revision C Supplier Comment	Desc: hate: htion Source: htion Method: comment: t:	Original Pre1985 UT	M Rel Code 4: m	<i>Location Method:</i> argin of error : 30 m - 100 m	p4
<u>Overburden and B</u> <u>Materials Interval</u>	edrock_				
Formation ID: Layer: Color: General Color: Material 1: Material 1 Desc: Material 2: Material 2 Desc: Material 3: Material 3: Formation Top Deg Formation End Deg Formation End Deg	oth: oth: oth: pth UOM:	931034420 2 GREY 15 LIMESTONE 39.0 105.0 ft			

DB

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Materials Inte	erval				
Formation ID. Layer: Color: General Colo Material 1: Material 1 Material 2 Material 2 Material 3 De	: r: sc: sc:	931034419 1 2 GREY 28 SAND			
Formation To	p Depth:	0.0			
Formation En Formation En	nd Depth: Ind Depth UOM:	39.0 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: I Construction:	961517204 5 Air Percussion			
<u>Pipe Informat</u>	tion				
Pipe ID: Casing No: Comment: Alt Name:		10587651 1			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Depth	Material: eter: eter UOM: o UOM:	930068471 1 STEEL 40.0 6.0 inch ft			
<u>Results of We</u>	ell Yield Testing				
Pump Test ID Pump Set At: Static Level: Final Level A: Recommende Pumping Rate Flowing Rate Recommende Levels UOM: Rate UOM: Water State A Water State A Pumping Dur Pumping Dur Pumping Dur Flowing:	Anothed Desk. fter Pumping: ed Pump Depth: e: ed Pump Rate: After Test Code: After Test: t Method: ation HR: ation MIN:	991517204 35.0 80.0 5.0 5.0 ft GPM 2 CLOUDY 1 1 0 No			
Flowing:					

Draw Down & Recovery

Pump Test Detail ID:	934383150
Test Type:	Draw Down
Test Duration:	30
Test Level:	80.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934102730
Test Type:	Draw Down
Test Duration:	15
Test Level:	80.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934893925
Test Type:	Draw Down
Test Duration:	60
Test Level:	80.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934644232
Test Type:	Draw Down
Test Duration:	45
Test Level:	80.0
Test Level UOM:	ft

Water Details

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: Construction Use 1st: Use 2nd: Final Well Si Water Type: Casing Mate Audit No: Tag: Constructn Elevatin Relii Depth to Bed Well Depth: Overburden, Pump Rate:	n Date: tatus: rial: Method: i): abilty: drock: /Bedrock:	1517205 Domestic 0 Water Supply		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83:	1 01/08/1980 TRUE 3644 1 OTTAWA-CARLETON 022 09 CON	

Map Key Numbe Record	er of Is	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Static Water Level: Clear/Cloudy: Municipality: Site Info:		GOULBOURN TOW	/NSHIP	Zone: UTM Reliability:		
PDF URL (Map):		https://d2khazk8e83	Brdv.cloudfront.ne	et/moe_mapping/downloads	/2Water/Wells_pdfs/151\1517205.pdf	
Additional Detail(s) (Ma	<u>ap)</u>					
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: X: Y: Path:		11/05/1979 1979 33.528 45.2418317884369 -75.9131949278632 -75.9131947670598 45.24183178121409 151\1517205.pdf	2 3 96			
Bore Hole Information						
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	1003908 11/05/15	32 979 Original Pre1985 UT	ſM Rel Code 4: n	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: nargin of error : 30 m - 100 n	18 428329.70 5010221.00 4 margin of error : 30 m - 100 m p4 m	
Source Revision Comn Supplier Comment:	metrioa: nent: <u>ock</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:		931034422 2 GREY 15 LIMESTONE 39.0 110.0				
Formation End Depth L <u>Overburden and Bedro</u> Materials Interval	JOM: b <u>ck</u>	ft				
Formation ID: Layer: Color: General Color: Material 1:		931034421 1 2 GREY 28				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1 Des Material 2: Material 2 Des Material 3: Material 3 Des Formation Toj Formation End	c: c: o Depth: d Depth: d Depth UOM:	SAND 0.0 39.0 ft			
<u>Method of Col Use</u>	nstruction & Well				
Method Const Method Const Method Const Other Method	ruction ID: ruction Code: ruction: Construction:	961517205 1 Cable Tool			
<u>Pipe Informati</u> Pipe ID: Casing No: Comment:	<u>ion</u>	10587652 1			
Alt Name: <u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	Material: ter: ter UOM: UOM:	930068472 1 1 STEEL 40.0 6.0 inch ft			
<u>Results of We</u>	ll Yield Testing				
Pumping Test Pump Test ID: Pump Set At: Static Level: Final Level Af Recommende Pumping Rate: Flowing Rate: Recommende Levels UOM:	Method Desc: ter Pumping: d Pump Depth: : d Pump Rate:	BAILER 991517205 35.0 70.0 70.0 6.0 5.0 ft			
Rate UOM: Water State A: Water State A: Pumping Test Pumping Dura Pumping Dura Flowing:	fter Test Code: fter Test: Method: ntion HR: ntion MIN:	GPM 2 CLOUDY 2 1 0 No			
<u>Draw Down &</u>	Recovery				
Pump Test De Test Type: Test Duration: Test Level:	tail ID:	934893926 Draw Down 60 70.0			

Мар Кеу	Number Records	of Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Test Level U	IOM:	ft				
Draw Down a	<u>& Recovery</u>					
Pump Test D Test Type: Test Duration Test Level: Test Level U Draw Down d	Detail ID: n: IOM: & Recovery	934383151 Draw Down 30 70.0 ft				
Pump Test D Test Type: Test Duration Test Level: Test Level U	Detail ID: n: IOM:	934102731 Draw Down 15 70.0 ft				
<u>Draw Down a</u>	<u>& Recovery</u>					
Pump Test D Test Type: Test Duration Test Level: Test Level U	Detail ID: n: IOM:	934644233 Draw Down 45 70.0 ft				
Water Details	<u>s</u>					
Water ID: Layer: Kind Code: Kind: Water Found Water Found	l Depth: l Depth UOM	933473631 1 FRESH 109.0 t				
<u>3</u>	4 of 14	WNW/110.8	124.9/2.08	lot 22 con 9 ON		wwis
Well ID: Construction Use 1st: Use 2nd: Final Well St Water Type: Casing Mate Audit No: Tag: Constructn In Elevation (m Elevation (m Elevation (m Elevation Relia Depth to Beo Well Depth: Overburden/ Pump Rate: Static Water Clear/Cloudy Municipality: Site Info:	n Date: tatus: rial: Method:): abilty: drock: //Bedrock: //Eevel: /:	1517874 Domestic 0 Water Supply GOULBOURN TOV	WNSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 08/20/1982 TRUE 3644 1 OTTAWA-CARLETON 022 09 CON	

PDF URL (Map):

_

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1517874.pdf

Map Key	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
 Additional De	tail(s) (Map	D)					
Well Complet Year Complet Depth (m): Latitude: Longitude: X: X: Y: Path:	ed Date: ed:		07/24/1982 1982 52.4256 45.2418317884369 -75.9131949278632 -75.9131947670598 45.24183178121409 151\1517874.pdf	6			
Bore Hole Info	ormation						
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind:	:: c:	1003974	5		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 428329.70 5010221.00 4	
Date Complet Remarks:	ed:	07/24/19	82 Original Bro1085 LITI	M Bal Cada 4: mai	UTMRC Desc: Location Method:	margin of error : 30 m - 100 m p4	
Elevrc Desc: Location Soui Improvement Improvement Source Revis Supplier Com Overburden a	rce Date: Location S Location M ion Comme ment: and Bedroc	Source: lethod: ent: k	J		-		
Materials Inte	<u>rval</u>	<u>.</u>					
Formation ID: Layer: Color: General Color Material 1: Material 1 Des Material 2: Material 2 Des Material 3: Material 3 Des Formation To	r: sc: sc: sc: n Denth:		931036613 1 6 BROWN 28 SAND				
Formation Fo Formation En	p Depth: d Depth: d Depth UC	OM:	12.0 ft				
<u>Overburden a</u> Materials Inte	nd Bedroci rval	<u>k</u>					
Formation ID: Layer: Color: General Color Material 1: Material 1 Des Material 2 Des Material 3: Material 3 Des Formation To Formation En	r: sc: sc: p Depth: d Depth: d Depth UC	DM:	931036614 2 GREY 14 HARDPAN 11 GRAVEL 12.0 57.0 ft				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
<u>Overburden</u> <u>Materials Int</u>	<u>and Bedrock</u> erval				
Formation II):	931036615			
Layer:	-	3			
Color:					
General Colo	or:				
Material 1:					
Material 1 De	esc:	UNKNOWN TYPE			
Material 2 De	esc.				
Material 3:					
Material 3 De	esc:				
Formation T	op Depth:	57.0			
Formation E	nd Depth:	172.0			
Formation E	па Берті ООМ:	п			
<u>Method of C</u> Use	onstruction & Well				
Method Con	struction ID:	961517874			
Method Con	struction Code:	1 Cable Teel			
Other Metho	d Construction:				
<u>Pipe Informa</u>	<u>ation</u>				
Pipe ID:		10588315			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction</u>	n Record - Casing				
Casing ID [.]		930069431			
Layer:		1			
Material:		1			
Open Hole o	r Material:	STEEL			
Depth From:		50.0			
Depth To: Casing Diam	otor.	59.0 6.0			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Results of W</u>	/ell Yield Testing				
Pumpina Te	st Method Desc:	BAILER			
Pump Test I	D:	991517874			
Pump Set At	-				
Static Level:		45.0			
Final Level A	After Pumping:	80.0			
recommena	iea Pump Depth:	80.0			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Durat Flowing:	tion MIN:	0 No			
<u>Draw Down & F</u>	Recovery				
Pump Test Deta Test Type: Test Duration: Test Level: Test Level UOM	ail ID: M:	934646951 Draw Down 45 75.0 ft			
<u>Draw Down & F</u>	Recovery				
Pump Test Det Test Type: Test Duration: Test Level: Test Level UOM	ail ID: M:	934377116 Draw Down 30 65.0 ft			
<u>Draw Down & F</u>	Recovery				
Pump Test Det Test Type: Test Duration: Test Level: Test Level UON	ail ID: N:	934896224 Draw Down 60 80.0 ft			
<u>Draw Down & F</u>	Recovery				
Pump Test Det Test Type: Test Duration: Test Level: Test Level UON	ail ID: M:	934103078 Draw Down 15 55.0 ft			
<u>Water Details</u>					
Water ID: Layer: Kind Code: Kind: Water Found D Water Found D	epth: epth UOM:	933474455 2 1 FRESH 150.0 ft			
<u>Water Details</u>					
Water ID: Layer: Kind Code: Kind: Water Found D Water Found D	epth: epth UOM:	933474456 3 1 FRESH 170.0 ft			
<u>Water Details</u>					
Water ID: Layer: Kind Code: Kind: Water Found D	lepth:	933474454 1 1 FRESH 100.0			

Map Key	Number Records	of ;	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Water Found	Depth UON	1:	ft				
<u>3</u>	5 of 14		WNW/110.8	124.9/2.08	lot 22 con 9 ON		wwis
Well ID: Construction Use 1st: Use 2nd: Final Well Sta Water Type: Casing Mater Audit No: Tag: Constructn M Elevation (m) Elevatin Relia Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water Clear/Cloudy Municipality:	Date: atus: rial: bilty: rock: Bedrock: Level:	1518015 Domestic 0 Water Su	pply GOULBOURN TOW	INSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 12/01/1982 TRUE 3644 1 OTTAWA-CARLETON 022 09 CON	
Site Info: PDF URL (Ma <u>Additional De</u> Well Comple Year Comple Depth (m): Latitude: Longitude: X: Y: Path:	np): etail(s) (Ma <u>r</u> ted Date: ted:	<u>)</u>	https://d2khazk8e83 10/28/1982 1982 43.8912 45.2418317884369 -75.9131949278632 -75.9131947670598 45.24183178121409 151\1518015.pdf	3rdv.cloudfront.ne	t/moe_mapping/downloads/2	Water/Wells_pdfs/151\1518015.pdf	
Bore Hole Inf Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Location Met Elevrc Desc: Location Sou Improvement Source Revis Supplier Con	formation s: s: ted: tod Desc: t Location S t Location S t Location K sion Comme nment:	10039886 10/28/198 Source: Method: ent:	32 Original Pre1985 UT	ſM Rel Code 4: m	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: hargin of error : 30 m - 100 m	18 428329.70 5010221.00 4 margin of error : 30 m - 100 m p4	
<u>Overburden a</u> <u>Materials Inte</u> Formation ID	and Bedroc erval :	<u>k</u>	931037070				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer: Color: General Colo Material 1: Material 1 De Material 2: Material 2 De Material 3: Material 3 De Formation To	r: sc: sc: p Depth: d Depth:	3 2 GREY 28 SAND 13 BOULDERS 42.0 53.0			
Formation En	d Depth UOM:	π			
<u>Overburden a</u> Materials Inte	nd Bedrock rval				
Formation ID Layer: Color: General Colo Material 1: Material 1 De Material 2 De Material 2 De Material 3 De Formation To Formation En	r: sc: sc: p Depth: d Depth: d Depth:	931037068 1 2 GREY 28 SAND 13 BOULDERS 0.0 16.0 ft			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID. Layer: Color: General Colo Material 1: Material 1 De. Material 2 De. Material 3: Material 3 De. Formation To Formation To	r: sc: sc: sc: p Depth: d Deoth:	931037069 2 2 GREY 28 SAND 16.0 42.0			
Formation En	d Depth UOM:	ft			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID. Layer: Color: General Colo Material 1: Material 1 De. Material 2 De. Material 3: Material 3 De.	r: sc: sc:	931037071 4 2 GREY 15 LIMESTONE			
Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	53.0 144.0 ft			
<u>Method of Construction & Well</u> <u>Use</u>					
--	--				
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961518015 1 Cable Tool				
Pipe Information					
Pipe ID: Casing No: Comment: Alt Name:	10588456 1				
Construction Record - Casing					
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930069673 1 1 STEEL 54.0 6.0 inch ft				
Construction Record - Casing					
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930069674 2 4 OPEN HOLE 144.0 6.0 inch ft				
Results of Well Yield Testing					

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

Map Key	Number o Records	f Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Pump Test D Test Type: Test Duration Test Level: Test Level U	etail ID: n: OM:	934377671 Draw Down 30 70.0 ft				
<u>Draw Down 8</u>	<u>Recovery</u>					
Pump Test D Test Type: Test Duration Test Level: Test Level U	etail ID: n: OM:	934103203 Draw Down 15 70.0 ft				
<u>Draw Down 8</u>	Recovery					
Pump Test D Test Type: Test Duration Test Level: Test Level U	etail ID: n: OM:	934647505 Draw Down 45 70.0 ft				
<u>Draw Down 8</u>	Recovery					
Pump Test D Test Type: Test Duration Test Level: Test Level U	etail ID: n: OM:	934896779 Draw Down 60 70.0 ft				
Water Details	2					
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM:	933474635 1 1 FRESH 120.0 ft				
Water Details	ì					
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM:	933474636 2 1 FRESH 142.0 ft				
3	6 of 14	WNW/110.8	124.9 / 2.08	lot 22 con 9 ON		WWIS
Well ID: Construction Use 1st: Use 2nd: Final Well Sta Water Type: Casing Mateu Audit No: Tag:	n Date: [[atus: \ rial:	518069 Domestic Vater Supply		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version:	1 01/11/1983 TRUE 3644 1	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Constructn M Elevation (m) Elevatn Relia Depth to Bed Well Depth: Overburden/E Pump Rate: Static Water I Clear/Cloudy Municipality: Site Info:	lethod: : bilty: rock: Bedrock: Level: :	GOULBOURN TOW	/NSHIP	Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA-CARLETON 022 09 CON
PDF URL (Ma	p):	https://d2khazk8e83	rdv.cloudfront.ne	t/moe_mapping/downloads/2	Water/Wells_pdfs/151\1518069.pdf
Additional De	etail(s) (Map)				
Well Complet Year Complet Depth (m): Latitude: Longitude: X: Y: Path:	ted Date: ted:	09/21/1982 1982 25.6032 45.2418317884369 -75.9131949278632 -75.9131947670598 45.24183178121409 151\1518069.pdf	96		
Bore Hole Inf	ormation				
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Location Meta Elevrc Desc: Location Sou Improvement Improvement Sounce Revis	ted: 09/21/19 hod Desc: Location Source: Location Method: ion Comment:	40 982 Original Pre1985 UT	⁻ M Rel Code 4: m	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: hargin of error : 30 m - 100 m	18 428329.70 5010221.00 4 margin of error : 30 m - 100 m p4
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID. Layer: Color: General Colo. Material 1: Material 1 De. Material 2 De. Material 3 De. Material 3 De. Formation To Formation En.	: sc: sc: sc: p Depth: nd Depth: nd Depth UOM:	931037254 2 6 BROWN 28 SAND 15.0 33.0 ft			
<u>Overburden a</u>	and Bedrock				

DB

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Materials Inte	erval				
Formation ID Layer:);	931037253 1			
Color:		2			
General Colo	or:	GREY			
Material 1:					
Material 1 De Material 2.	ISC:	GRAVEL			
Material 2 De	SC:				
Material 3:					
Material 3 De	SC:				
Formation To	op Depth:	0.0			
Formation El	nd Depth: nd Dopth UOM:	15.0 ft			
Formation E	la Deptil OOM.	π			
Overburden a Materials Inte	and Bedrock erval				
Formation ID):	931037256			
Layer: Color:		4			
General Colo	or-	GREY			
Material 1:		05			
Material 1 De	SC:	CLAY			
Material 2:		11			
Material 2 De	SC:	GRAVEL			
Material 3 De	SC.				
Formation To	op Depth:	65.0			
Formation E	nd Depth:	75.0			
Formation E	nd Depth UOM:	ft			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID):	931037255			
Layer:		3			
Color:		2 005V			
General Cold Material 1	or:	15			
Material 1 De	SC:	LIMESTONE			
Material 2:					
Material 2 De	SC:				
Material 3: Material 2 De					
Formation To	op Depth:	33.0			
Formation E	nd Depth:	65.0			
Formation E	nd Depth UOM:	ft			
<u>Overburden a</u> Materials Inte	<u>and Bedrock</u> erval				
Formation ID)•	931037257			
Laver:	•	5			
Color:		2			
General Colo	or:	GREY			
Material 1:		15 LINE OT ONE			
Material 1 De	SC:	LIMESTONE			
Material 2: Material 2 De Material 3: Material 3 De	esc:				

_

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation To	p Depth:	75.0			
Formation Er	nd Depth:	84.0			
Formation Er	nd Depth UOM:	ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Mathed Cons	truction ID.	061519060			
Method Cons	truction ID:	5			
Method Cons	truction	J Air Percussion			
Other Method	Construction:	AITTEICUSSION			
other method					
<u>Pipe Informat</u>	<u>tion</u>				
Pipe ID:		10588510			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction</u>	Record - Casing				
Casing ID:		930069767			
Layer:		2			
Material:		4			
Open Hole or	Material:	OPEN HOLE			
Depth From:		04.0			
Depth 10: Casing Diam	otor	64.0 6.0			
Casing Diam	ator UOM·	inch			
Casing Diam	UOM:	ft			
ousing Depu					
<u>Construction</u>	Record - Casing				
Casing ID:		930069766			
Layer:		1			
Material:		1			
Open Hole or	Material:	STEEL			
Depth From:					
Depth To:		35.0			
Casing Diam	eter:	6.0			
Casing Diam	eter UOM:	Incn			
Casing Deptr		п			
<u>Results of We</u>	ell Yield Testing				
Pumpina Tes	t Method Desc:	PUMP			
Pump Test ID);	991518069			
Pump Set At:					
Static Level:		20.0			
Final Level A	fter Pumping:	50.0			
Recommende	ed Pump Depth:	50.0			
Pumping Rat	e:	50.0			
Flowing Rate	:	10.0			
Recommende	ea Pump Rate:	10.0 #			
Levels UOM:		GPM			
Water State /	fter Test Code	2			
Water State /	After Test				
Pumpina Tes	t Method:	1			
Pumping Dur	ation HR:	1			
Pumping Dur	ation MIN:	0			
Flowing:		No			

Pump Test Detail ID:	934897250
Test Type:	Draw Down
Test Duration:	60
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934377725
Test Type:	Draw Down
Test Duration:	30
Test Level:	50.0
Test Level UOM:	ft

Draw Down & Recovery

934103394
Draw Down
15
50.0
ft

Draw Down & Recovery

Pump Test Detail ID:	934647559
Test Type:	Draw Down
Test Duration:	45
Test Level:	50.0
Test Level UOM:	ft

Water Details

Water ID:	933474702
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70.0
Water Found Depth UOM:	ft

Water Details

933474703
2
1
FRESH
75.0
ft

<u>3</u>	7 of 14	WNW/110.8	124.9 / 2.08	lot 22 con 9 ON		WWIS
Well ID: Construction	Date:	1518249		Flowing (Y/N): Flow Rate:		
Use 1st:		Domestic		Data Entry Status:		
Use 2nd:		0		Data Src:	1	
Final Well Sta Water Type:	tus:	Water Supply		Date Received: Selected Flag:	06/06/1983 TRUE	

Map Key Number Records	of Direction/ s Distance (mj	Elev/Diff) (m)	Site		DB
Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:	GOULBOURN TO	DWNSHIP	Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1558 1 OTTAWA-CARLETON 022 09 CON	
PDF URL (Map):	https://d2khazk8e	83rdv.cloudfront.ne	et/moe_mapping/downloads/2	2Water/Wells_pdfs/151\1518249.pdf	
<u>Additional Detail(s) (Map</u> Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: X: Y: Path:	2) 03/31/1983 1983 49.3776 45.241831788436 -75.91319492786 -75.91319476705 45.241831781214 151\1518249.pdf	59 32 98 1096			
Bore Hole Information					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Location Method Desc:	10040119 03/31/1983 Original Pre1985	UTM Rel Code 4: n	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: nargin of error : 30 m - 100 m	18 428329.70 5010221.00 4 margin of error : 30 m - 100 m p4	
Elevrc Desc: Location Source Date: Improvement Location S Improvement Location I Source Revision Commo Supplier Comment:	Source: Method: ent:		J		
Overburden and Bedroc Materials Interval	<u>k</u>				
Formation ID: Layer: Color: General Color: Material 1: Material 1 Desc: Material 2 Material 2 Desc: Material 3 Desc: Formation Top Depth: Formation End Depth:	931037833 2 2 GREY 05 CLAY 11 GRAVEL 81 SANDY 30.0 60.0 OM: ft				

Records	Distance (m)	(<i>m</i>)
Quarkurdan and Radraak		
Materials Interval		
Formation ID:	931037832 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 COM:	ц	
Overburden and Bedrock		
<u>Materiais intervai</u>		
Formation ID:	931037835	
Layer:	4	
Color:	2	
General Color:	GREY	
Material 1:	15	
Material 1 Desc:		
Material 2: Material 2 Dese:		
Malerial 2 Desc. Matorial 3:	LATERED	
Material 3 Desc:		
Formation Top Depth:	150.0	
Formation End Depth:	162.0	
Formation End Depth UOM:	ft	
Overburden and Bedrock		
Materials Interval		
Formation ID:	931037834	
Layer:	3	
Color:	2	
General Color:	GREY	
Material 1:		
Material 1 Desc:		
Material 2. Material 2 Desc:		
Material 3:	85	
Material 3 Desc:	SOFT	
Formation Top Depth:	60.0	
Formation End Depth:	150.0	
Formation End Depth UOM:	ft	
Method of Construction & Well		
<u>USE</u>		
Method Construction ID:	961518249	
Method Construction Code:	1	
Method Construction:	Cable Tool	
Other Method Construction:		
Pipe Information		

Мар Кеу

Number of

Direction/

Elev/Diff

Site

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID: Casing No: Comment: Alt Name:		10588689 1			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	Material: eter: eter UOM: UOM:	930070040 2 4 OPEN HOLE 150.0 6.0 inch ft			
Construction	<u> Record - Casing</u>				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	Material: eter: eter UOM: UOM:	930070041 3 4 OPEN HOLE 162.0 6.0 inch ft			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	Material: eter: eter UOM: UOM:	930070039 1 1 STEEL 60.0 6.0 inch ft			
<u>Results of We</u>	ell Yield Testing				
Pumping Tes Pump Test ID Pump Set At: Static Level: Final Level At Recommende Pumping Rat	t Method Desc: : ter Pumping: ed Pump Depth: e:	BAILER 991518249 15.0 35.0 50.0 20.0			

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

Мар Кеу	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Pump Test De Test Type: Test Duration: Test Level: Test Level UO	tail ID: : M:		934639377 Draw Down 45 35.0 ft				
Draw Down &	<u>Recovery</u>						
Pump Test De Test Type: Test Duration: Test Level: Test Level UO	tail ID: : M:		934103566 Draw Down 15 35.0 ft				
Draw Down &	<u>Recovery</u>						
Pump Test De Test Type: Test Duration: Test Level: Test Level UO	tail ID: : M:		934378318 Draw Down 30 35.0 ft				
<u>Draw Down &</u>	<u>Recovery</u>						
Pump Test De Test Type: Test Duration: Test Level: Test Level UO	tail ID: : M:		934897838 Draw Down 60 35.0 ft				
<u>Water Details</u>							
Water ID: Layer: Kind Code: Kind: Water Found I Water Found I	Depth: Depth UON	1:	933474927 1 1 FRESH 156.0 ft				
<u>3</u>	8 of 14		WNW/110.8	124.9 / 2.08	lot 22 con 9 ON		WWIS
Well ID: Construction I Use 1st: Use 2nd: Final Well Stat Water Type: Casing Materia Audit No: Tag: Constructn Me Elevation (m): Elevatn Reliab Depth to Bedro Well Depth: Overburden/B Pump Rate: Static Water Li Clear/Cloudy: Municipality:	Date: tus: al: ethod: bilty: ock: edrock: evel:	1518340 Domestic 0 Water Su	oply GOULBOURN TO	WNSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 08/03/1983 TRUE 3644 1 OTTAWA-CARLETON 022 09 CON	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Site Info:						
PDF URL (Ma	ap):	https://d2khazk8e83	Brdv.cloudfront.ne	et/moe_mapping/download	s/2Water/Wells_pdfs/151\1518340.pdf	
Additional D	<u>etail(s) (Map)</u>					
Well Comple Year Comple Depth (m): Latitude: Longitude: X: Y: Path:	ted Date: ted:	06/08/1983 1983 48.768 45.2418317884369 -75.9131949278632 -75.9131947670598 45.24183178121409 151\1518340.pdf	2 3 96			
Bore Hole In	formation					
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De: Open Hole: Cluster Kind Date Comple Remarks: Location Met Elevrc Desc: Location Soc Improvemen Improvemen Source Revis Supplier Con	: 100402 s: sc: sc: ted: 06/08/1 thod Desc: urce Date: t Location Source: t Location Method: sion Comment: nment:	983 Original Pre1985 UT	ГМ Rel Code 4: r	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: margin of error : 30 m - 100	18 428329.70 5010221.00 4 margin of error : 30 m - 100 m p4	
<u>Overburden</u> Materials Inte	<u>and Bedrock</u> erval					
Formation ID Layer: Color: General Colo Material 1: Material 1 De Material 2: Material 2 De Material 3 De Formation To Formation Ed	o: or: esc: esc: op Depth: nd Depth: nd Depth UOM:	931038135 1 2 GREY 28 SAND 11 GRAVEL 0.0 48.0 ft				
Overburden Materials Inte	and Bedrock erval					
Formation ID):	931038136 2				

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

Map Key	Number Records	of Direction/ Distance (Elev/Diff m) (m)	Site		DB
Pumping Dur Flowing:	ration MIN:	0 No				
<u>Draw Down &</u>	& Recovery					
Pump Test D Test Type: Test Duratior Test Level: Test Level U	etail ID: n: OM:	934378825 Draw Down 30 140.0 ft				
Draw Down &	& Recovery					
Pump Test D Test Type: Test Duratior Test Level: Test Level U	etail ID: n: OM:	934639885 Draw Down 45 140.0 ft				
Draw Down &	& Recovery					
Pump Test D Test Type: Test Duratior Test Level: Test Level U	etail ID: n: OM:	934103656 Draw Down 15 140.0 ft				
<u>Draw Down &</u>	Recovery					
Pump Test D Test Type: Test Duratior Test Level: Test Level U	etail ID: n: OM:	934897928 Draw Down 60 140.0 ft				
Water Details	5					
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UON	933475028 1 FRESH 155.0 1 : ft				
<u>3</u>	9 of 14	WNW/110.8	124.9 / 2.08	lot 22 con 9 ON		WWIS
Well ID: Construction Use 1st: Use 2nd: Final Well Sta Water Type: Casing Mater Audit No: Tag: Constructn M Elevation (m) Elevatn Relia Depth to Bed Well Depth:	n Date: atus: rial: Method:): ibilty: Irock:	1518341 Domestic 0 Water Supply		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name:	1 08/03/1983 TRUE 3644 1 OTTAWA-CARLETON 022 09 CON	

erisinfo.com | Environmental Risk Information Services

Order No: 24060700322

Map Key Numb Recor	er of rds	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:	,	GOULBOURN TOW	NSHIP	Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
PDF URL (Map):		https://d2khazk8e83	rdv.cloudfront.net/	/moe_mapping/downloads/2	Water/Wells_pdfs/151\1518341.pdf	
Additional Detail(s) (M	<u>lap)</u>					
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: X: Y: Path:		07/09/1983 1983 64.008 45.2418317884369 -75.9131949278632 -75.9131947670598 45.24183178121409 151\1518341.pdf	96			
Bore Hole Information	1					
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 Improvement Location Source Revision Com	100402 ⁻ 07/09/19 c: n Source: n Method: iment:	11 983 Original Pre1985 UT	M Rel Code 4: ma	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: argin of error : 30 m - 100 m	18 428329.70 5010221.00 4 margin of error : 30 m - 100 m p4	
<u>Overburden and Bedr</u> <u>Materials Interval</u>	<u>ock</u>					
Formation ID: Layer: Color: General Color: Material 1: Material 1 Desc: Material 2: Material 2: Material 3: Material 3: Material 3 Desc: Formation Top Depth: Formation End Depth	: : : UOM:	931038139 3 2 GREY 15 LIMESTONE 44.0 210.0 ft				
<u>Overburden and Bedr</u> <u>Materials Interval</u>	<u>ock</u>					
Formation ID: Layer: Color:		931038138 2 2				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color Material 1: Material 1 Des Material 2: Material 2 Des Material 3: Material 3 Des Formation To Formation En Formation En	:: sc: sc: p Depth: d Depth: d Depth UOM:	GREY 28 SAND 11 GRAVEL 23.0 44.0 ft			
<u>Overburden a</u> <u>Materials Inte</u>	<u>nd Bedrock</u> rval				
Formation ID: Layer: Color: General Color Material 1: Material 1 Des Material 2 Material 2 Des Material 3 Material 3 Des Formation To Formation En	: sc: sc: p Depth: d Depth: d Depth:	931038137 1 2 GREY 28 SAND 0.0 23.0 ft			
<u>Method of Col</u> Use	nstruction & Well				
Method Const Method Const Method Const Method Const Other Method	truction ID: truction Code: truction: Construction:	961518341 5 Air Percussion			
<u>Pipe Informati</u>	ion				
Pipe ID: Casing No: Comment: Alt Name:		10588781 1			
Construction	<u>Record - Casing</u>				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	Material: ter: ter UOM: UOM:	930070187 2 4 OPEN HOLE 210.0 6.0 inch ft			
<u>Construction</u>	<u>Record - Casing</u>				
Casing ID: Layer: Material: Open Hole or Depth From:	Material:	930070186 1 1 STEEL			

Map Key Number Records	of Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:	46.0			
Casing Diameter:	6.0			
Casing Diameter UOM:	inch			
Casing Depth UOM:	п			
Results of Well Yield Tes	ting			
Pumping Test Method De	sc: BAILER			
Pump Test ID:	991518341			
Pump Set At:	10.0			
Static Level: Final Loval After Pumping	40.0 ••• 180.0			
Recommended Pump De	<i>pth</i> : 200.0			
Pumping Rate:	4.0			
Flowing Rate:				
Recommended Pump Rat	te: 6.0			
Levels UOM:	ft			
Rate UOM:	GPM			
Water State After Test Co	de: 2			
Water State After Test:	CLOUDY			
Pumping Test Method:	2			
Pumping Duration MIN	1			
Flowing:	No			
Draw Down & Recovery				
Pump Test Detail ID:	934639886			
Test Type:	Draw Down			
Test Duration:	45			
Test Level:	170.0			
Test Lever OOM.	IL			
Draw Down & Recovery				
Pump Test Detail ID:	934103657			
Test Type:	Draw Down			
Test Duration:	15			
Test Level:	100.0			
Test Level UOM:	ft			
Draw Down & Recovery				
Pump Test Detail ID-	934378826			
Test Type:	Draw Down			
Test Duration:	30			
Test Level:	140.0			
Test Level UOM:	ft			
Draw Down & Recovery				
Pumn Test Detail ID:	034807020			
Test Type	Draw Down			
Test Duration:	60			
Test Level:	180.0			
Test Level UOM:	ft			
Water Details				
Water ID:	933475030			
Layer:	2			
56 erisinfo.com	<u>n</u> Environmental Risk Info	rmation Services	Order No: 240607	00322

Record	r of 's	Direction/ Distance (m)	Elev/Diff (m)	Site	D
Kind Code: Kind: Water Found Depth: Water Found Depth UOI	M:	1 FRESH 210.0 ft			
Water Details					
Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOI	М:	933475029 1 1 FRESH 160.0 ft			
<u>3</u> 10 of 14		WNW/110.8	124.9 / 2.08	lot 22 con 9 ON	ww
Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevation (m): Elevation (m): Elevation (m): Elevation (m): Elevation (m): Elevation (m): Coerburden/Bedrock: Well Depth: Overburden/Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info: PDF URL (Map): Additional Detail(s) (Ma Well Completed Date: Year Completed: Depth (m): Latitude: Longitude:	1518350 Domestic 0 Water St	GOULBOURN TO GOULBOURN TO https://d2khazk8e8 07/14/1983 1983 44.8056 45.2418317884366 -75.913194927863	WNSHIP Bardv.cloudfront.ne	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 08/04/1983 TRUE 3142 1 OTTAWA-CARLETON 022 09 CON
X: Y: Path:		-75.913194767059 45.241831781214(151\1518350.pdf	8 096		
Bore Hole Information					
Bore Hole ID: DP2BR:	1004022	0		Elevation: Elevrc: Zone: East83:	18 428329.70

Map Key N F	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DI	В
Location Method Elevrc Desc: Location Source Improvement Lo Improvement Lo Source Revision Supplier Comme	d Desc: e Date: ocation Source: ocation Method: n Comment: ent:	Original Pre1985 UT	M Rel Code 4: m	argin of error : 30 m - 1	00 m		
<u>Overburden and</u> <u>Materials Interva</u>	<u>l Bedrock</u> al						
Formation ID: Layer: Color: General Color: Material 1: Material 1 Desc: Material 2: Material 2 Desc: Material 3: Material 3 Desc: Formation Top D	Depth: Depth:	931038171 2 2 GREY 15 LIMESTONE 80 POROUS 25.0 147.0					
Formation End I	Depth UOM: I Bedrock	π					
Materials Interva	<u>al</u>	031038170					
Formation ID: Layer: Color: General Color: Material 1: Material 1 Desc: Material 2: Material 2 Desc: Material 3: Material 3 Desc: Formation Top I Formation End I	Depth: Depth: Depth UOM:	931038170 1 2 GREY 28 SAND 13 BOULDERS 79 PACKED 0.0 25.0 ft					
<u>Method of Cons</u> <u>Use</u>	truction & Well						
Method Constru Method Constru Method Constru Other Method Co	uction ID: uction Code: uction: onstruction:	961518350 1 Cable Tool					
Pipe Information	2						
Pipe ID: Casing No: Comment: Alt Name:		10588790 1					
Construction Re	ecord - Casing						
Casing ID: Layer: Material:		930070205 1 1					

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Open Hole or Depth From:	^r Material:	STEEL				
Depth To:		26.0				
Casing Diam	eter:	6.0				
Casing Diam	eter UOM:	inch				
Casing Depti		π				
Construction	Record - Casing					
Casing ID:		930070206				
Layer:		2				
Material:	Matarial					
Depth From:	Material:	OFEN HOLE				
Depth To:		147.0				
Casing Diam	eter:	6.0				
Casing Diam	eter UOM:	inch				
Casing Dept	n UOM:	ft				
Results of W	ell Yield Testing					
Pumping Tes	t Method Desc:	BAILER				
Pump Test IL):	991518350				
Pump Set At:	•	00.0				
Static Level:	ftor Dumping:	28.0				
Recommend	ed Pump Denth	80.0				
Pumping Rat	e:	8.0				
Flowing Rate	:					
Recommend	ed Pump Rate:	5.0				
Levels UOM:						
Water State	After Test Code:	2				
Water State A	After Test:	CLOUDY				
Pumping Tes	t Method:	2				
Pumping Du	ration HR:	1				
Pumping Du	ration MIN:	0				
Flowing:		No				
<u>Draw Down 8</u>	Recovery					
Pump Test D	etail ID:	934639895				
Test Type:		Draw Down				
Test Duration	1:	45				
Test Level:	~~~	60.0				
Test Level U	JM:	π				
<u>Draw Down &</u>	& Recovery					
Pump Test D	etail ID:	934103666				
Test Type:		Draw Down				
Test Duration	ı:	15				
Test Level:	~~~	60.0				
Test Level U	JM:	π				
<u>Draw Down &</u>	Recovery					
Pump Test D	etail ID:	934898355				
Test Type:		Draw Down				
Test Duration	1:	60				
Test Level:	∩ <i>M</i> +	60.0 ft				
rest Level U		n				
59	erisinfo.com En	vironmental Risk Info	rmation Service	S	Order No	: 24060700322

Pump Test Detail ID:	934378835
Test Type:	Draw Down
Test Duration:	30
Test Level:	60.0
Test Level UOM:	ft

Water Details

Water ID:	933475041
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	120.0
Water Found Depth UOM:	ft

Water Details

Water ID:	933475042
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	145.0
Water Found Depth UOM:	ft

<u>3</u>	11 of 14	WNW/110.8	124.9 / 2.08	lot 22 con 9 ON		wwis
Well ID: Constructio Use 1st: Use 2nd: Final Well S Water Type Casing Mat Audit No: Tag: Constructn Elevation (I Elevatn Rel Depth to Be Well Depth: Overburder Pump Rate Static Wate	on Date: Status: e: terial: Method: m): liabilty: edrock: : n/Bedrock: : sr Level:	1518352 Domestic 0 Water Supply		ON Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	1 08/03/1983 TRUE 3644 1 OTTAWA-CARLETON 022 09 CON	
Clear/Cloud Municipalit Site Info:	dy: y:	GOULBOURN TO	OWNSHIP	UTM Reliability:		
PDF URL (I	Мар):	https://d2khazk8e	83rdv.cloudfront.ne	et/moe_mapping/downloads,	/2Water/Wells_pdfs/151\1518352.pdf	
Additional	Detail(s) (Ma	<u>p)</u>				

Well Completed Date:

well Completed Date:	
Year Completed:	
Depth (m):	
Latitude:	
Longitude:	
X:	
Y:	

06/07/1983 1983 45.72 45.2418317884369 -75.9131949278632 -75.9131947670598 45.241831781214096

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Path:		151\1518352.pdf				
Bore Hole Info	ormation					
Bore Hole ID: DP2BR:	1004022	22		Elevation: Elevrc:		
Spatial Status Code OB: Code OB Des	:: c:			Zone: East83: North83:	18 428329.70 5010221.00	
Open Hole: Cluster Kind:		200		Org CS: UTMRC:	4	
Remarks: Location Meth	ed: 06/07/18	Original Pre1985 UT	ſM Rel Code 4: r	Location Method: nargin of error : 30 m - 100 m	p4	
Elevrc Desc: Location Sour Improvement Improvement Source Revisi Supplier Com	rce Date: Location Source: Location Method: ion Comment: ment:					
<u>Overburden a</u> <u>Materials Inte</u>	<u>nd Bedrock</u> rval					
Formation ID: Layer:		931038176 1				
Color: General Color Material 4	:	2 GREY				
Material 1 Material 1 Des Material 2:	SC:	28 SAND 11				
Material 2 Des Material 3: Material 3 Des	sc: sc:	GRAVEL				
Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	0.0 40.0 ft				
<u>Overburden a</u> <u>Materials Inte</u>	<u>nd Bedrock</u> rval					
Formation ID: Layer:		931038178 3				
Color: General Color Material 1:	:	2 GREY 15				
Material 1 Des Material 2: Material 2 Des Material 3: Material 3 Des	sc: sc: sc:	LIMESTONE				
Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	48.0 150.0 ft				
<u>Overburden a</u> <u>Materials Inte</u>	<u>nd Bedrock</u> rval					
Formation ID: Layer: Color: General Color	:	931038177 2 2 GREY				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Material 1: Material 1 De Material 2: Material 2 De Material 3: Material 3 De	sc: sc: sc:	11 GRAVEL			
Formation To Formation El Formation El	op Depth: nd Depth: nd Depth UOM:	40.0 48.0 ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons Method Cons Method Cons Other Method	atruction ID: atruction Code: atruction: d Construction:	961518352 5 Air Percussion			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10588792 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole of	· Matorial·	930070209 1 1 STEEL			
Depth From: Depth To:		50.0			
Casing Diam Casing Diam Casing Depti	eter: eter UOM: h UOM:	o.o inch ft			
Construction	Record - Casing				
Casing ID: Layer: Material:		930070210 2 4			
Depth From: Depth To:	materiai:	150.0			
Casing Diam Casing Diam Casing Deptl	eter: eter UOM: h UOM:	6.0 inch ft			
<u>Results of W</u>	ell Yield Testing				
Pumping Tes Pump Test II Pump Set At	t Method Desc:):	PUMP 991518352			
Static Level: Final Level A	fter Pumping:	25.0 80.0			
Recommend Pumping Rat Flowing Rate	ed Pump Depth: e: ::	80.0 20.0			
Recommend Levels UOM:	ed Pump Rate:	15.0 ft			
Rate UOM:		GPM			
62	erisinfo.com Env	ironmental Risk Info	rmation Service	S	Order No: 24060700322

Map Key Number of Records	<i>Direction/</i> Distance (m)	Elev/Diff (m)	Site		DB
Water State After Test Code Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing:	e: 2 CLOUDY 1 1 0 No				
Draw Down & Recovery					
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:	934639897 Draw Down 45 80.0 ft				
Draw Down & Recovery					
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:	934103668 Draw Down 15 80.0 ft				
Draw Down & Recovery					
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:	934898357 Draw Down 60 80.0 ft				
Draw Down & Recovery					
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:	934378837 Draw Down 30 80.0 ft				
Water Details					
Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOM:	933475045 1 1 FRESH 145.0 ft				
<u>3</u> 12 of 14	WNW/110.8	124.9/2.08	lot 22 con 9 ON		WWIS
Well ID:15Construction Date:Use 1st:Use 1st:DiUse 2nd:0Final Well Status:WWater Type:Casing Material:Audit No:Tag:Constructn Method:	519231 omestic /ater Supply		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner:	1 09/05/1984 TRUE 1558 1	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Elevation (m) Elevatn Relia Depth to Bed Well Depth: Overburden/E Pump Rate: Static Water I Clear/Cloudy Municipality: Site Info:	: bilty: rock: Bedrock: Level: :	GOULBOURN TOW	/NSHIP	County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA-CARLETON 022 09 CON
PDF URL (Ma	p):	https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/downloads/2	2Water/Wells_pdfs/151\1519231.pdf
Additional De	etail(s) (Map)				
Well Complet Year Complet Depth (m): Latitude: Longitude: X: Y: Path:	ted Date: ted:	08/21/1984 1984 47.244 45.2418317884369 -75.9131949278632 -75.9131947670598 45.24183178121409 151\1519231.pdf	96		
Bore Hole Inf	ormation				
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Location Met Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Com	ted: 08/21/19 ted: 08/21/19 hod Desc: frce Date: a Location Source: b Location Method: ion Comment: ment:	01 984 Original Pre1985 UT	⁻ M Rel Code 4: n	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: nargin of error : 30 m - 100 m	18 428329.70 5010221.00 4 margin of error : 30 m - 100 m p4
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID. Layer: Color: General Colo Material 1: Material 1 De. Material 2 De. Material 3 De. Formation To Formation En	: r: sc: sc: sc: p Depth: nd Depth: nd Depth UOM:	931041029 3 2 GREY 15 LIMESTONE 78 MEDIUM-GRAINED 57.0 150.0 ft			
<u>Overburden a</u> Materials Inte	and Bedrock erval				

DB

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

Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump	Test Detail ID:
Test T	ype:

934652742 Draw Down

Map Key	Number o Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Test Duration Test Level: Test Level UC	: DM:		45 40.0 ft				
<u>Draw Down &</u>	Recovery						
Pump Test De Test Type: Test Duration Test Level: Test Level UC	ətail ID: :: DM:		934901710 Draw Down 60 40.0 ft				
<u>Draw Down &</u>	Recovery						
Pump Test De Test Type: Test Duration Test Level: Test Level UC	etail ID: : DM:		934382209 Draw Down 30 40.0 ft				
<u>Draw Down &</u>	Recovery						
Pump Test De Test Type: Test Duration Test Level: Test Level UC	etail ID: :: DM:		934107471 Draw Down 15 40.0 ft				
Water Details							
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM:		933476155 1 FRESH 152.0 ft				
<u>3</u>	13 of 14		WNW/110.8	124.9 / 2.08	lot 22 con 9 ON		WWIS
Well ID: Construction Use 1st: Use 2nd: Final Well Sta Water Type: Casing Mater Audit No: Tag: Constructn M Elevation (m) Elevatin Relia. Depth to Bed Well Depth: Overburden/E Pump Rate: Static Water I Clear/Cloudy: Municipality: Site Info:	Date:	1519307 Domestic O Water Suj	pply GOULBOURN TOV	VNSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 10/25/1984 TRUE 3644 1 OTTAWA-CARLETON 022 09 CON	

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1519307.pdf

Map Key N F	lumber of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Additional Detail	l <u>(s) (Map)</u>				
Well Completed Year Completed Depth (m): Latitude: Longitude: X: Y: Path:	Date:	08/30/1984 1984 56.388 45.2418317884369 -75.9131949278632 -75.9131947670598 45.241831781214090 151\1519307.pdf	6		
Bore Hole Inform	nation				
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed Remarks:	1004117 : 08/30/19	84		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc: Location Method:	18 428329.70 5010221.00 4 margin of error : 30 m - 100 m p4
Location Method Elevrc Desc: Location Source Improvement Lo Improvement Lo Source Revision Supplier Comme Overburden and Materials Interva	d Desc: Date: cation Source: cation Method: Comment: ent: <u>Bedrock</u>	Original Pre1985 UTI	M Rel Code 4: mai	rgin of error : 30 m - 100 m	
Formation ID:		931041265			
Layer: Color:		2			
General Color:		2 GREY			
Material 1:		15			
<i>Material 1 Desc: Material 2: Material 2 Desc: Material 3:</i>		LIMESTONE			
Material 3 Desc:		00.0			
Formation Top L	Depth: Depth:	26.0 185.0			
Formation End L	Depth UOM:	ft			
<u>Overburden and</u> <u>Materials Interva</u>	<u>Bedrock</u> <u>I</u>				
Formation ID:		931041264			
Layer:		1			
Color:		2 CDEV			
General Color: Matorial 1:		GREY 28			
Material 1 Desc:		SAND			
Material 2: Material 2 Desc: Material 3: Material 3:					
Formation Top L	Depth:	0.0			
-					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation E Formation E	nd Depth: nd Depth UOM:	26.0 ft			
<u>Method of C</u> <u>Use</u>	onstruction & Well				
Method Con Method Con Method Con Other Metho	struction ID: struction Code: struction: d Construction:	961519307 5 Air Percussion			
<u>Pipe Informa</u>	<u>ntion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10589747 1			
<u>Construction</u>	n Record - Casing				
Casing ID: Layer: Material:		930071895 1 1			
Open Hole o Depth From: Depth To: Casing Diam	r Material:	STEEL 28.0 6.0			
Casing Diam Casing Diam Casing Dept	heter UOM: h UOM:	inch ft			
<u>Construction</u>	n Record - Casing				
Casing ID: Layer: Material:		930071896 2 4			
Open Hole o Depth From:	r Material:	OPEN HOLE			
Casing Diam Casing Diam Casing Dept	eter: leter UOM: h UOM:	6.0 inch ft			
<u>Results of W</u>	<u>/ell Yield Testing</u>				
Pumping Tes Pump Test II Pump Set At	st Method Desc: D: :	PUMP 991519307			
Static Level: Final Level A Recommend Pumping Ra	After Pumping: led Pump Depth: te:	25.0 90.0 100.0 5.0			
Flowing Rate Recommend Levels UOM Rate UOM:	e: led Pump Rate:	5.0 ft GPM			
Water State . Water State . Pumping Tes Pumping Du	After Test Code: After Test: st Method: ration HR:	2 CLOUDY 1 1			
Pumping Du Flowing:	ration MIN:	0 No			

_

Мар Кеу	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Draw Down &	& Recovery						
Pump Test D Test Type: Test Duration Test Level: Test Level U	Petail ID: n: OM:		934107545 Draw Down 15 90.0 ft				
Draw Down &	& Recovery						
Pump Test D Test Type: Test Duration Test Level: Test Level U	Detail ID: n: OM:		934382701 Draw Down 30 90.0 ft				
Draw Down &	& Recovery						
Pump Test D Test Type: Test Duration Test Level: Test Level U	Detail ID: n: OM:		934901785 Draw Down 60 90.0 ft				
Draw Down 8	<u>& Recovery</u>						
Pump Test D Test Type: Test Duration Test Level: Test Level U	etail ID: n: OM:		934652119 Draw Down 45 90.0 ft				
Water Details	<u>6</u>						
Water ID: Layer: Kind Code: Kind: Water Found Water Found	l Depth: I Depth UON	Л:	933476250 1 1 FRESH 180.0 ft				
<u>3</u>	14 of 14		WNW/110.8	124.9 / 2.08	lot 22 con 9 ON		WWIS
Well ID: Construction Use 1st: Use 2nd: Final Well St Water Type: Casing Mater Audit No: Tag: Constructn M Elevation (m, Elevatin Relia Depth to Bec Well Depth: Overburden/ Pump Rate: Static Water	n Date: atus: rial: Method:): hbilty: hrock: Bedrock: Level:	1519380 Domestic 0 Water Su	pply		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	1 12/13/1984 TRUE 1558 1 OTTAWA-CARLETON 022 09 CON	

_

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Clear/Cloudy: Municipality: Site Info:		GOULBOURN TOW	NSHIP	UTM Reliability:		
PDF URL (Maj	o):	https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/downloads	s/2Water/Wells_pdfs/151\1519380.pdf	
Additional De	tail(s) (Map)					
Well Complete Year Complet Depth (m): Latitude: Longitude: X: Y: Path:	ed Date: ed:	08/23/1984 1984 62.1792 45.2418317884369 -75.9131949278632 -75.9131947670598 45.24183178121405 151\1519380.pdf	96			
Bore Hole Info	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Location Meth Elevrc Desc: Location Sout Improvement Improvement Source Revist Supplier Com	100412 : c: ed: 08/23/1 nod Desc: rce Date: Location Source: Location Method: ion Comment: ment: ment:	984 Original Pre1985 UT	ጉ Rel Code 4: r	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: margin of error : 30 m - 100	18 428329.70 5010221.00 4 margin of error : 30 m - 100 m p4 m	
Materials Inte Formation ID: Layer: Color: General Color Material 1: Material 1 Des Material 2 Des Material 3: Material 3 Des Formation To Formation En	r <u>val</u> :: :c: :c: :c: o Depth: d Depth: d Depth UOM:	931041505 1 6 BROWN 28 SAND 11 GRAVEL 79 PACKED 0.0 6.0 ft				
Overburden a Materials Inte Formation ID: Layer: Color: General Color Material 1: Material 1 Des	<u>nd Bedrock</u> rval :: ::	931041506 2 2 GREY 28 SAND				
71	erisinfo.com Env	vironmental Risk Info	rmation Servic	es	Order No: 240607	00322

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: Formation End Depth: Formation End Depth UOM:	11 GRAVEL 79 PACKED 6.0 29.0 ft			
Overburden and Bedrock Materials Interval				
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:	931041507 3 2 GREY 15 LIMESTONE 78 MEDIUM-GRAINED 29.0 150.0			
Formation End Depth UOM:	ft			
<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: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	931041508 4 2 GREY 15 LIMESTONE 78 MEDIUM-GRAINED 150.0 204.0 ft			
<u>Method of Construction & Well</u> <u>Use</u>				
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961519380 5 Air Percussion			
Pipe Information Pipe ID: Casing No: Comment: Alt Name:	10589820 1			
Construction Record - Casing				
Casing ID: Layer: Material:	930072019 2 4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Dept	r Material: eter: eter UOM: h UOM:	OPEN HOLE 204.0 6.0 inch ft			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Depth	r Material: eter: eter UOM: h UOM:	930072018 1 STEEL 32.0 6.0 inch ft			
<u>Results of W</u>	ell Yield Testing				
Pumping Test Pump Test II Pump Set At Static Level: Final Level A Recommend Pumping Rate Flowing Rate Flowing Rate Recommend Levels UOM: Rate UOM: Water State A Pumping Test Pumping Du Flowing:	et Method Desc: D: fter Pumping: ed Pump Depth: te: ed Pump Rate: ed Pump Rate: After Test Code: After Test: of Method: ration HR: ration MIN:	PUMP 991519380 26.0 90.0 150.0 6.0 5.0 ft GPM 2 CLOUDY 1 1 0 No			
Pump Test D Test Type: Test Duration Test Level:	<u>e Recovery</u> Netail ID: n:	934108037 Draw Down 15 50.0			
Test Level U	ОМ:	ft			
Draw Down & Pump Test D Test Type: Test Duration Test Level: Test Level U	<u>& Recovery</u> Petail ID: n: OM:	934652189 Draw Down 45 90.0 ft			
<u>Draw Down a</u>	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	etail ID: n: OM:	934382774 Draw Down 30 90.0 ft			
73	erisinfo.com Env	vironmental Risk Info	rmation Services	3	 Order No: 24060700322

Map Key	Number Records	of S	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Draw Down a	& Recovery					
Pump Test D	etail ID:		934893513			
Test Type:			Draw Down			
Test Duration	n:		60			
Test Level:			90.0			
Test Level U	OM:		ft			
Water Details	<u>s</u>					
Water ID:			933476349			
Layer:			1			
Kind Code:			1			
Kind:			FRESH			
Water Found	l Depth:		204.0			
Water Found	Depth UOI	И:	ft			
<u>4</u>	1 of 1		ESE/118.4	121.9 / -0.89	1384341 Ontario Ltd.	PTTW
					ON	
EBR Registr	v No:	012-6845	5		Decision Posted:	
Ministry Ref	No:	1048-A6F	RS8U		Exception Posted:	
Notice Type:		Instrume	nt Proposal		Section:	
Notice Stage	e:				Act 1:	
Notice Date:		February	22, 2016		Act 2:	
Proposal Dat	te:	February	22, 2016		Site Location Map:	
Year:		2016		mit to Toko Motor		
	ype:		(OVVRA S. 34) - Per	mit to Take water		
Posted By:	nt Name:					
Company Na	me.		1384341 Ontario I t	h		
Site Address			1004041 Ontario Et	u.		
Location Oth	ner:					
Proponent N	ame:					
Proponent A Comment Pe URL:	ddress: eriod:		9094 Cavanagh Ro	ad, Ashton Ontario	o, Canada K0A 1B0	

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 M STITTSVILLE ON	IAINE STREET lot 22 con 9	WWIS
Well ID: Construction Date: Use 1st: Use 2nd:	7156131		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src:		
Final Well Status: Water Type: Casing Material:	Abandoned-Other		Date Received: Selected Flag: Abandonment Rec:	12/09/2010 TRUE Yes	
Audit No: Tag: Constructn Method: Elevation (m):	Z115621		Contractor: Form Version: Owner: County:	1558 7 OTTAWA-CARLETON	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Elevatn Relia Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water Clear/Cloudy Municipality: Site Info:	bilty: rock: Bedrock: Level: :	GOULBOURN TOV	/NSHIP	Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	022 09 CON	
PDF URL (Ma	ıp):	https://d2khazk8e83	Brdv.cloudfront.n	et/moe_mapping/downloads	/2Water/Wells_pdfs/715\7156131.pdf	
Additional De	etail(s) (Map)					
Well Complet Year Comple Depth (m): Latitude: Longitude: X: Y: Path:	ted Date: ted:	09/22/2010 2010 45.242446901643 -75.9128187077405 -75.912818547301 45.2424468952227 715\7156131.pdf	5 14 6			
Bore Hole Inf	ormation					
Bore Hole ID. DP2BR: Spatial Statu. Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Location Met Elevrc Desc: Location Sou Improvement Source Revis Supplier Con	ted: 09/ hod Desc: Location Sourd Location Methion Comment:	03434959 22/2010 on Water Well Recc <i>ce:</i> <i>od:</i>	ord	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 428360.00 5010289.00 UTM83 3 margin of error : 10 - 30 m wwr	
<u>Annular Spaces Sealing Reco</u>	ce/Abandonmer ord	<u>1t</u>				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	OM:	1003733600 1 53.29999992370605 0.0 m	5			
<u>Method of Co</u> <u>Use</u> Method Cons Method Cons Method Cons Other Method	enstruction & W atruction ID: atruction Code: atruction: d Construction:	′ <u>ell</u> 1003733598				
<u>Pipe Informa</u>	<u>tion</u>					
Pipe ID:		1003733592				
75	erisinfo.com	Environmental Risk Info	ormation Servic	ces	Order No: 240607	700322

Map Key	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Casing No: Comment: Alt Name:			0				
<u>Construction</u>	n Record - C	asing					
Casing ID: Layer: Material: Open Hole of Depth From: Depth To: Casing Diam Casing Diam Casing Depth	r Material: eter: eter UOM: h UOM:		1003733596 cm m				
<u>Construction</u>	n Record - S	<u>creen</u>					
Screen ID: Layer: Slot: Screen Top I Screen End I	Depth: Depth:		1003733597				
Screen Matel Screen Depti Screen Diam Screen Diam	rial: h UOM: eter UOM: eter:		m cm				
Water Details	5						
Water ID: Layer: Kind Code: Kind:			1003733595				
Water Found Water Found	Depth: Depth UON	1:	m				
<u>Hole Diamete</u> Hole ID: Diameter:	<u>ər</u>		1003733594				
Depth From: Depth To:							
Hole Depth U Hole Diamete	JOM: er UOM:		m cm				
<u>6</u>	1 of 1		NNW/139.8	123.0/0.16	1877 STITTSVILLE M. STITTSVILLE ON	AIN ST. lot 22 con 9	wwis
Well ID: Construction Use 1st: Use 2nd: Final Well St Water Type: Casing Mate Audit No: Tag: Constructn M Elevation (m) Elevatn Relia Depth to Bed	n Date: atus: rial: Method:): abilty: frock:	7328234 Not Used Abandon Z252122	l ed-Other		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession:	02/13/2019 TRUE Yes 4875 7 OTTAWA-CARLETON 022 09	
Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB	
--	--	--	------------------	---	--	-------	
Well Depth: Overburden/I Pump Rate: Static Water I Clear/Cloudy Municipality: Site Info:	Bedrock: Level: :	GOULBOURN TOW	/NSHIP	Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	CON		
PDF URL (Ma	p):	https://d2khazk8e83	rdv.cloudfront.n	et/moe_mapping/downloads	/2Water/Wells_pdfs/732\7328234.pdf		
<u>Additional De</u>	etail(s) (Map)						
Well Complet Year Complet Depth (m): Latitude: Longitude: X: Y: Path:	ted Date: ted:	01/22/2019 2019 45.2425766739809 -75.9123493400829 -75.9123491786076 45.24257666735177 732\7328234.pdf	6				
Bore Hole Inf	ormation						
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple: Remarks: Location Met Elevrc Desc: Location Sout Improvement Source Revis Supplier Con <u>Annular Space</u>	ted: 01/22/2 hod Desc: Location Source: Location Method: ion Comment: ment: ce/Abandonment rd	0714 019 on Water Well Reco	rd	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 428397.00 5010303.00 UTM83 4 margin of error : 30 m - 100 m wwr		
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	1007701289 1 0.0 24.70000076293945 ft	53				
<u>Annular Spac</u> Sealing Reco	<u>e/Abandonment</u> <u>rd</u>						
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	1007701292 2					
<u>Annular Spac</u> <u>Sealing Reco</u>	e/Abandonment_ rd						
Plug ID:		1007701291					
77	erisinfo.com Env	rironmental Risk Info	rmation Servic	ces	Order No: 240607	00322	

Map Key	Number Record	r of s	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Layer: Plug From: Plug To: Plug Depth U	IOM:		1 0.0 24.700000762939453 ft	3			
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandoi ord</u>	nment_					
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:		1007701290 2				
<u>Pipe Informa</u>	<u>tion</u>						
Pipe ID: Casing No: Comment: Alt Name:			1007701271 0				
<u>Results of W</u>	ell Yield Te	sting					
Pumping Tes Pump Test IL Pump Set At	st Method E D:	Desc:	1007701310				
Final Level A Recommender Pumping Rate	fter Pumpi ed Pump D te:	ng: epth:	10.39999961853027	3			
Recommende Levels UOM:	ed Pump R	ate:	ft				
Water State A Water State A Water State A Pumping Tes Pumping Dui	After Test C After Test: at Method: ration HR:	Code:	0				
Flowing:	ration win:						
Hole Diamete	<u>ər</u>						
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	IOM: er UOM:		1007701299 15.23999977111816 0.0 24.70000076293945 ft inch	4 3			
<u>7</u>	1 of 1		NW/142.3	123.9 / 1.12	ON		BORE
Borehole ID: OGF ID: Status:		609456 2155110	72		Inclin FLG: SP Status: Surv Elev:	No Initial Entry No	
Type: Use: Completion I Static Water	Date: Level:	Borehole	•		Piezometer: Primary Name: Municipality: Lot:	No	
Primary Wate Sec. Water U	er Use: se:				Township: Latitude DD:	45.24229	

Мар Кеу	Number Record:	r of S	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Total Depth m Depth Ref: Depth Elev: Drill Method: Orig Ground I Elev Reliabil I DEM Ground Concession: Location D: Survey D: Comments:	ı: Elev m: Note: Elev m:	-999 Ground Su 121 125	rface		Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy:	-75.91319 18 428331 5010272 Not Applicable	
<u>Borehole Geo</u>	ology Strat	<u>um</u>					
Geology Strat Top Depth: Bottom Depth Material Color Material 1: Material 2: Material 3: Material 4: Gsc Material 4 Stratum Desc	tum ID: n: r: Description ription:	218383266 0 .5 Soil	SOIL.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Group: Geologic Period: Depositional Gen:		
Geology Strat Top Depth: Bottom Depth Material Color Material 1: Material 2: Material 3: Material 4: Gsc Material I Stratum Desc	tum ID: n: r: Description ription:	218383267 .5 Grey Bedrock Limestone n:	BEDROCK,LIMESTO	ONE. GREY. 0015 the department ha	Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: 50 AT 418.0 FEET. 17500. ave a truncated [Stratum Deposition]	00106 SEISMIC VELOCITY = **Note: M escription] field.	1any
<u>Source</u>							
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name Source Detail: Confiden 1:	: s:	Data Surve Geological 1956-1972 M	By Survey of Canada Jrban Geology Auto File: OTTAWA1.txt F Reliable information	mated Information RecordID: 019640 but incomplete.	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: System (UGAIS) NTS_Sheet: 31G04E	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level	
Source List							
Source Identii Source Type: Source Date: Scale or Reso Source Name Source Origin	fier: blution: : nators:	1 Data Surve 1956-1972 Varies I	ey Jrban Geology Auto Geological Survey of	mated Information f Canada	Horizontal Datum: Vertical Datum: Projection Name: System (UGAIS)	NAD27 Mean Average Sea Level Universal Transverse Mercator	
8	1 of 2		S/145.3	124.9/2.08	lot 22 con 9 ON		wwis
Well ID: Construction	Date:	1518644			Flowing (Y/N): Flow Rate:		

Мар Кеу	Number of Records	<i>Direction/ Distance (m)</i>	Elev/Diff (m)	Site		DB
Use 1st: Use 2nd: Final Well Star Water Type: Casing Materi Audit No: Tag: Constructn Me Elevation (m): Elevatn Reliat Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L Clear/Cloudy: Municipality: Site Info: PDF URL (Mag	Do 0 stus: Wa al: ethod: bilty: rock: bedrock: evel: o):	omestic ater Supply GOULBOURN TOWN https://d2khazk8e83rd	ISHIP dv.cloudfront.ne	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 11/23/1983 TRUE 1558 1 OTTAWA-CARLETON 022 09 CON	
<u>Additional Der</u> Well Complete Year Complete Depth (m): Latitude: Longitude: X: Y: Path:	<u>tail(s) (Map)</u> ed Date: ed:	10/04/1983 1983 53.34 45.2400418876666 -75.9118921312324 -75.91189196973185 45.24004188157846 151\1518644.pdf				
Bore Hole Info	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Location Meth Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com	10 c: ed: 10, nod Desc: rce Date: Location Sour Location Methion Comment: ment:	040514 /04/1983 Original Pre1985 UTM rce: hod:	1 Rel Code 4: m	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: hargin of error : 30 m - 100 m	18 428429.70 5010021.00 4 margin of error : 30 m - 100 m p4	
<u>Overburden a</u> Materials Inter	<u>nd Bedrock</u> rval					
Formation ID: Layer: Color: General Color Material 1: Material 1 Des Material 2: Material 2 Des Material 3:	:: 50: 50:	931039070 4 2 GREY 21 GRANITE 78 MEDIUM-GRAINED				

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

Other Method Construction:

Pipe Information

Pipe ID:	10589084
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

BAILER
991518644
40.0
100.0
130.0
7.0
5.0
ft
GPM
2
CLOUDY
2
1
0
No

Draw Down & Recovery

Pump Test Detail ID:	934649942
Test Type:	Draw Down
Test Duration:	45
Test Level:	100.0
Test Level UOM:	ft

Мар Кеу	Number of Records	f Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Draw Down 8	Recovery					
Pump Test D Test Type: Test Duratior Test Level: Test Level U(etail ID: n: OM:	934899481 Draw Down 60 100.0 ft				
<u>Draw Down 8</u>	Recovery					
Pump Test D Test Type: Test Duratior Test Level: Test Level U(etail ID: n: OM:	934103956 Draw Down 15 100.0 ft				
<u>Draw Down 8</u>	Recovery					
Pump Test D Test Type: Test Duratior Test Level: Test Level U(etail ID: n: OM:	934379961 Draw Down 30 100.0 ft				
Water Details	i					
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM:	933475403 2 1 FRESH 170.0 ft				
<u>Water Details</u>	È					
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM:	933475402 1 1 FRESH 155.0 ft				
<u>8</u>	2 of 2	S/145.3	124.9 / 2.08	lot 22 con 9 ON		WWIS
Well ID: Construction Use 1st: Use 2nd: Final Well Sta Water Type: Casing Mater Audit No: Tag: Constructn M Elevation (m) Elevatin Relia Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water I	1! Date: D atus: W rial: Method: D: bilty: lrock: Bedrock: Level:	519542 omestic /ater Supply		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	1 04/24/1985 TRUE 1558 1 OTTAWA-CARLETON 022 09 CON	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Clear/Cloudy: Municipality: Site Info:		GOULBOURN TOW	NSHIP	UTM Reliability:		
PDF URL (Ma	p):	https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/download	s/2Water/Wells_pdfs/151\1519542.pdf	
Additional De	<u>tail(s) (Map)</u>					
Well Complete Year Complete Depth (m): Latitude: Longitude: X: Y: Path:	ed Date: ed:	04/18/1985 1985 51.816 45.2400418876666 -75.9118921312324 -75.9118919697318 45.24004188157846 151\1519542.pdf	5			
Bore Hole Infe	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Location Metl Elevrc Desc: Location Soul Improvement Improvement Source Revis Supplier Com	1004141 s: c: ed: 04/18/19 hod Desc: rce Date: Location Source: Location Method: ion Comment: ment:	2)85 Original Pre1985 UT	M Rel Code 4: r	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: margin of error : 30 m - 100	18 428429.70 5010021.00 4 margin of error : 30 m - 100 m p4 0 m	
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval					
Formation ID: Layer: Color: General Color Material 1: Material 1 Des Material 2: Material 2 Des Material 3 Des Formation To Formation En Formation En	r: 5C: 5C: 5C: p Depth: d Depth: d Depth UOM:	931041997 1 2 GREY 28 SAND 11 GRAVEL 13 BOULDERS 0.0 5.0 ft				
<u>Overburden a</u> Materials Inte	<u>nd Bedrock</u> rval					
Formation ID: Layer: Color: General Color Material 1: Material 1 Des	r: SC:	931041998 2 2 GREY 28 SAND				
84	<u>erisinfo.com</u> Envi	ronmental Risk Info	rmation Servic	es	Order No: 2406070	0322

Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2: Material 2 Desc: Material 3: Material 3 Desc:	13 BOULDERS			
Formation Top Depth: Formation End Depth: Formation End Depth UOM:	5.0 12.0 ft			
Overburden and Bedrock Materials Interval				
Formation ID: Layer: Color:	931041999 3 2			
General Color: Material 1: Material 1 Desc: Material 2: Material 2 Desc: Material 3: Material 3 Desc:	GREY 28 SAND			
Formation Top Depth: Formation End Depth: Formation End Depth UOM:	12.0 47.0 ft			
<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:	931042000 4 2 GREY 15 LIMESTONE 78 MEDIUM-GRAINED 73 HARD 47.0 170.0 ft			
Method of Construction & Well Use				
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961519542 1 Cable Tool			
Pipe Information	40500000			
Casing No: Casing No: Comment: Alt Name:	10089982 1			
Construction Record - Casing				
Casing ID: Layer: Material:	930072313 2 4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole o Depth From: Depth To: Casing Diam Casing Dept	r Material: eter: eter UOM: h UOM:	OPEN HOLE 170.0 6.0 inch ft			
Construction	n Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Depth	r Material: eter: eter UOM: h UOM:	930072312 1 STEEL 50.0 6.0 inch ft			
<u>Results of W</u>	<u>'ell Yield Testing</u>				
Pumping Tes Pump Test II Pump Set At Static Level: Final Level A Recommend Pumping Rate Recommend Levels UOM: Rate UOM: Water State J Water State J Pumping Tes Pumping Du Flowing: Draw Down A Pump Test D	St Method Desc: D: Ster Pumping: Ster Pump Depth: Ster Pump Rate: Ster Pump Rate: After Test Code: After Test: St Method: ration HR: ration HR: ration MIN: St Recovery Detail ID:	BAILER 991519542 15.0 120.0 150.0 10.0 5.0 ft GPM 2 CLOUDY 2 1 0 No 934653326 Draw Daws			
Test Type: Test Duratio Test Level: Test Level U	n: OM:	Draw Down 45 120.0 ft			
Draw Down & Pump Test D Test Type: Test Duration Test Level: Test Level U	<u>& Recovery</u> Netail ID: n: OM:	934109175 Draw Down 15 120.0 ft			
<u>Draw Down a</u>	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	etail ID: n: OM:	934894088 Draw Down 60 120.0 ft			
86	erisinfo.com Env	vironmental Risk Info	rmation Service	s	Order No: 24060700322

Map Key	Number Records	of	Direction/ Distance (1	Elev/Diff n) (m)	Site		DB
<u>Draw Down &</u>	& Recovery						
Pump Test D Test Type: Test Duration Test Level: Test Level U	Detail ID: n: OM:		934383349 Draw Down 30 120.0 ft				
Water Details	<u>6</u>						
Water ID: Layer: Kind Code: Kind: Water Found Water Found	l Depth: I Depth UON	Л:	933476573 1 1 FRESH 160.0 ft				
<u>9</u>	1 of 1		W/149.5	124.6 / 1.77	506 CRESSWELL CO ON	DURT, STITTSVILLE	PINC
Incident Id: Incident Rep Type: Status Code: Tank Status: Task No: Spills Action Fuel Type: Fuel Occurre Date of Occu Occurrence S Depth: Customer Add Operation Ty Pipeline Type Regulator Ty Summary: Reported By. Affiliation: Occurrence I Damage Rea Notes:	orted Dt: Centre: ence Tp: irrence: Start Dt: cct Name: rpe: e: ppe: e: ppe: c pe: son:	2687514 531098 FS-Pipeli RC Estal 3228239 N/A Natural (Pipeline 2/4/2011 2011/03/	ine Incident Damage Reason olished Gas Strike 0:00 08 Construction Sit 506 CRESSWE ALAN ARMSTR Industry Stakeh no locates Excavation prac	Est e (pipeline strike) LL COURT, STITTS ONG - ENBRIDGE (older (Licensee/Regi	Pipe Material: Fuel Category: Health Impact: Environment Impact: Property Damage: Service Interrupt: Enforce Policy: Public Relation: Pipeline System: PSIG: Attribute Category: Regulator Location: Method Details: VILLE - 1/2" PIPELINE HIT DTTAWA stration/Certificate Holder, Fa	Natural Gas No No Yes Yes No FS-Perform P-line Inc Invest E-mail	
<u>10</u>	1 of 4		S/171.9	124.9 / 2.08	lot 22 con 9 ON		WWIS
Well ID: Construction Use 1st: Use 2nd: Final Well Sta Water Type: Casing Mater Audit No: Tag: Constructn M Elevation (m, Elevatn Relia Depth to Bed	n Date: atus: rial: Method:): hbilty: frock:	1532214 Domestic Water Su 230230	pply		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession:	1 09/17/2001 TRUE 1558 1 OTTAWA-CARLETON 022 09	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Well Depth: Overburden/Be Pump Rate: Static Water Le Clear/Cloudy: Municipality: Site Info:	edrock: evel:	GOULBOURN TOW	NSHIP	Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	CON	
PDF URL (Map):	https://d2khazk8e83r	dv.cloudfront.net/r	moe_mapping/downloads/2	Water/Wells_pdfs/153\1532214.pdf	
Additional Deta	ail(s) (Map)					
Well Complete Year Complete Depth (m): Latitude: Longitude: X: Y: Path:	d Date: d:	08/27/2001 2001 29.8704 45.2398058932851 -75.9121368086564 -75.91213664829648 45.23980588628743 153\1532214.pdf	3 5			
Bore Hole Info	rmation					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Location Metho Elevrc Desc: Location Source Improvement L	1051666 : od: 08/27/20 od Desc: ce Date: ocation Source:	4 01 Lot centroid		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: Location Method:	18 428410.20 5009995.00 9 unknown UTM lot	
Source Revision Supplier Comm	ocation Method: on Comment: nent:					
Overburden an Materials Inter	<u>nd Bedrock</u> val					
Formation ID: Layer: Color: General Color: Material 1: Material 1 Dese Material 2: Material 2: Material 3: Material 3 Dese Formation Top Formation End	c: c: b Depth: I Depth: I Depth UOM:	932832197 3 2 GREY 15 LIMESTONE 24.0 98.0 ft				
<u>Overburden an</u> Materials Inter	nd Bedrock val					
Formation ID: Layer:		932832196 2				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color: General Colo. Material 1: Material 1 De. Material 2: Material 2 De. Material 3 De. Formation 1 G	r: sc: sc: sc: n Denth:	6 BROWN 28 SAND			
Formation En Formation En	nd Depth: ad Depth UOM:	24.0 ft			
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID. Layer: Color: General Colo Material 1: Material 1 Material 2 Material 2 De. Material 3 De	: r: sc: sc:	932832195 1 6 BROWN 28 SAND			
Formation To Formation En Formation En	p Depth: nd Depth: nd Depth UOM:	0.0 10.0 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: I Construction:	961532214 1 Cable Tool			
<u>Pipe Informat</u>	tion	11065224			
Casing No: Comment: Alt Name:		1			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To:	Material:	930094340 1 1 STEEL			
Casing Diame Casing Diame Casing Depth	eter: eter UOM: n UOM:	6.0 inch ft			
Construction	<u>Record - Casing</u>	000001011			
Casing ID: Layer: Material: Open Hole or	Material:	930094341 2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Depth From: Depth To:					
Casing Diam	eter:	6.0			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Construction</u>	Record - Casing				
Casing ID:		930094342			
Layer:		3			
Material:	. Matarial				
Depth From:	waterial:	OPEN HOLE			
Depth To:					
Casing Diam	eter:	5.0			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Results of W</u>	ell Yield Testing				
Pumpina Tes	st Method Desc:	BAILER			
Pump Test IL Pump Set At	D: :	991532214			
Static Level:		11.0			
Final Level A	fter Pumping:	18.0			
Recommend	ed Pump Depth:	70.0			
Pumping Rat	ie:	10.0			
Recommend	ed Pump Rate [.]	5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State	After Test Code:	2			
Water State	After Test:	CLOUDY			
Pumping Tes	st Method:	2			
Pumping Du	ration HR: ration MIN:	1			
Fumping Du		No			
rioning.					
<u>Draw Down 8</u>	<u>& Recovery</u>				
Pump Test D	etail ID:	934917229			
Test Type:		Draw Down			
Test Duration	า:	60			
Test Level:	о <i>м</i> -	18.0 ft			
Test Lever O	OM.	n			
<u>Draw Down 8</u>	<u>& Recovery</u>				
Pump Test D	etail ID:	934399404			
Test Type:		Draw Down			
Test Duration	n:	30			
Test Level:	0.14	18.0			
Test Level U		π			
Draw Down &	& Recovery				
Pump Test D	etail ID:	934660343			
Test Type:		Draw Down			
Test Duration	n:	45			
Test Level:	0.14	18.0			
i est Level U		π			
	erisinfo com l En	vironmental Dick Info	rmation Sorvice		Order No. 24060700222
90		vironinientai r(15K 11110	mation Service		Order NO. 24000700322

Map Key Nu Re	Imber of ecords	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Draw Down & Rec	overy					
Pump Test Detail Test Type: Test Duration: Test Level: Test Level UOM:	ID:	934116207 Draw Down 15 18.0 ft				
Water Details						
Water ID: Layer: Kind Code: Kind: Water Found Dept Water Found Dept	th: th UOM:	934008339 1 5 Not stated 70.0 ft				
Water Details						
Water ID: Layer: Kind Code: Kind: Water Found Dept Water Found Dept	th: th UOM:	934008340 2 5 Not stated 88.0 ft				
<u>10</u> 2 of	4	S/171.9	124.9/2.08	lot 22 con 9 ON		WWIS
Well ID: Construction Date Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Metho Elevation (m): Elevatin Reliability: Depth to Bedrock: Well Depth: Overburden/Bedro Pump Rate: Static Water Level Clear/Cloudy: Municipality: Site Info: PDF URL (Map):	1532215 Domestic Water Su 230229 d: : : : : : :	GOULBOURN TOW	/NSHIP ardv.cloudfront.ne	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 09/17/2001 TRUE 1558 1 OTTAWA-CARLETON 022 09 CON	
<u>Additional Detail(s</u> Well Completed D Year Completed:	s <u>) (Map)</u> ate:	08/27/2001 2001				

Depth (m): Latitude: Longitude: Х: Ү: Path:

30.48 45.2398058932851 -75.9121368086564 -75.91213664829648 45.239805886287435 153\1532215.pdf

erisinfo.com | Environmental Risk Information Services

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed:	10516665 08/27/2001	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 428410.20 5009995.00 9 unknown UTM
Remarks: Location Method Desc: Elevrc Desc: Location Source Date: Improvement Location S Improvement Location N Source Revision Comme Supplier Comment:	Lot centroid cource: fethod: ent:	Location Method:	lot

Overburden and Bedrock Materials Interval

Formation ID:	932832199
Layer:	2
Color:	6
General Color:	BROWN
Material 1:	28
Material 1 Desc:	SAND
Material 2:	
Material 2 Desc:	
Material 3:	

5.0
24.0
ft

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

932832198 1 6
BROWN 28

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1 Des Material 2: Material 2 Des Material 3: Material 3 Des Formation Top Formation End Formation End	c: c: o Depth: d Depth: d Depth UOM:	SAND 12 STONES 0.0 5.0 ft			
<u>Annular Space</u> <u>Sealing Recor</u>	e/Abandonment d				
Plug ID: Layer: Plug From: Plug To: Plug Depth UC	DM:	933219669 1 0.0 30.0 ft			
<u>Method of Cor</u> <u>Use</u>	nstruction & Well				
Method Const Method Const Method Const Other Method	ruction ID: ruction Code: ruction: Construction:	961532215 1 Cable Tool			
<u>Pipe Informati</u>	on				
Pipe ID: Casing No: Comment: Alt Name:		11065235 1			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or I Depth From: Depth To: Casing Diame Casing Diame Casing Depth	Material: ter: ter UOM: UOM:	930094343 1 STEEL 6.0 inch ft			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or I Depth From: Depth To: Casing Diame	Material: ter:	930094345 3 4 OPEN HOLE 5.0			
Casing Diame Casing Depth	ter UOM: UOM:	inch ft			
<u>Construction </u> Casing ID:	<u>Record - Casing</u>	930094344 2			
Layer.		£			

	Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
-	Material: Open Hole or Depth From:	Material:	4 OPEN HOLE			
	Depth To: Casing Diame	ter:	6.0			
	Casing Depth	UOM:	ft			
	Results of We	ll Yield Testing				
	Pumping Test	Method Desc:	BAILER 991532215			
	Pump Set At: Static Level:		14.0			
	Final Level Af	ter Pumping:	20.0			
	Pumping Rate	: :	10.0			
	Recommende Levels UOM:	d Pump Rate:	5.0 ft			
	Rate UOM: Water State A	fter Test Code	GPM			
	Water State A	fter Test:	2			
	Pumping Dura	ation HR:	1			
	Pumping Dura Flowing:	ation MIN:	0 No			
	<u>Draw Down &</u>	<u>Recovery</u>				
	Pump Test De	tail ID:	934917230			
	Test Type: Test Duration		Draw Down 60			
	Test Level: Test Level UO	M:	20.0 ft			
		_				
	<u>Draw Down &</u>	<u>Recovery</u>				
	Pump Test De Test Type:	tail ID:	934660344 Draw Down			
	Test Duration		45 20 0			
	Test Level UO	М:	ft			
	<u>Draw Down &</u>	Recovery				
	Pump Test De	tail ID:	934116208 Draw Down			
	Test Duration	-	15			
	Test Level: Test Level UO	M:	20.0 ft			
	<u>Draw Down &</u>	<u>Recovery</u>				
	Pump Test De	tail ID:	934399405			
	Test Type: Test Duration		Draw Down 30			
	Test Level:	M-	20.0 ft			
	iesi Level UU		n			
	Water Details					

Map Key	Number Records	r of s	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Water ID: Layer: Kind Code: Kind: Water Found Water Found	l Depth: I Depth UOI	М:	934008342 2 5 Not stated 91.0 ft				
<u>Water Details</u>	<u>s</u>						
Water ID: Layer: Kind Code: Kind: Water Found Water Found	l Depth: l Depth UOI	И:	934008341 1 5 Not stated 76.0 ft				
<u>10</u>	3 of 4		S/171.9	124.9 / 2.08	lot 22 con 9 ON		wwis
Well ID: Construction Use 1st: Use 2nd: Final Well St Water Type: Casing Mate Audit No: Tag: Constructn II Elevation (m. Elevation (m. Elevation (m. Elevatin Relia Depth to Bed Well Depth: Overburden/ Pump Rate: Static Water Clear/Cloudy Municipality: Site Info: PDF URL (Ma	n Date: fatus: rial: Wethod:): abilty: drock: /Bedrock: /Bedrock: / Level: /: : ap):	1532224 Domestia Water St 230232	GOULBOURN TO https://d2khazk8e8	WNSHIP 3rdv.cloudfront.ne	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 09/17/2001 TRUE 1558 1 OTTAWA-CARLETON 022 09 CON	
Additional D Well Comple Year Comple Depth (m): Latitude: Longitude: X: Y: Path:	<u>etail(s) (Ma</u> eted Date: eted:	<u>o)</u>	08/02/2001 2001 54.864 45.239805893285 -75.912136808656 -75.912136648296 45.239805886287 153\1532224.pdf	1 54 548 435			
<u>Bore Hole In</u>	formation						
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB De Open Hole:): IS: SC:	1051667	4		Elevation: Elevrc: Zone: East83: North83: Org CS:	18 428410.20 5009995.00	
95	erisinfo.co	om Envii	onmental Risk Inf	ormation Service	es	Order No: 24060	0700322

Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Cluster Kind: Date Completed: 08/02/2 Remarks: Location Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	2001 Lot centroid		UTMRC: UTMRC Desc: Location Method:	9 unknown UTM lot	
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID: Layer: Color: General Color: Material 1: Material 1 Desc: Material 2 Desc: Material 3: Material 3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	932832222 1 6 BROWN 28 SAND 11 GRAVEL 0.0 6.0 ft				
Overburden and Bedrock Materials Interval					
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:	932832225 4 2 GREY 18 SANDSTONE 160.0 180.0 ft				
Overburden and Bedrock	n				
Formation ID: Layer: Color: General Color: Material 1: Material 1 Desc: Material 2 Desc: Material 2 Desc: Material 3: Material 3 Desc: Formation Top Depth: Formation End Depth:	932832224 3 2 GREY 15 LIMESTONE 10.0 160.0 ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden a Materials Inte	and Bedrock erval				
Formation ID. Layer: Color: General Colo Material 1: Material 1 De. Material 2 De. Material 3: Material 3 De.	: r: sc: sc:	932832223 2 6 BROWN 17 SHALE			
Formation To Formation En Formation En	p Depth: Id Depth: Id Depth UOM:	6.0 10.0 ft			
<u>Annular Spac</u> Sealing Reco	e/Abandonment rd				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	933219676 1 0.0 21.0 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: I Construction:	961532224 1 Cable Tool			
<u>Pipe Informat</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		11065244 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	Material: eter: eter UOM: o UOM:	930094360 2 4 OPEN HOLE 6.0 inch ft			
<u>Construction</u>	<u>Record - Casing</u>				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To:	Material:	930094359 1 1 STEEL			
Casing Diame	eter:	6.0			

	Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
-	Casing Diam Casing Depth	eter UOM: n UOM:	inch ft			
	Construction	Record - Casing				
	Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Diame Casing Depth	Material: eter: eter UOM: n UOM:	930094361 3 4 OPEN HOLE 5.0 inch ft			
	<u>Results of We</u>	ell Yield Testing				
	Pumping Tes Pump Test IE Pump Set At: Static Level A Recommende Pumping Rate Recommende Levels UOM: Rate UOM: Water State A Water State A Pumping Dur Pumping Dur Flowing: Draw Down & Pump Test D	t Method Desc: tet Method Desc: tet Pumping: ed Pump Depth: e: ed Pump Rate: After Test Code: After Test: t Method: ation HR: ration MIN: <u>A Recovery</u> etail ID:	BAILER 991532224 14.0 70.0 160.0 10.0 5.0 ft GPM 2 CLOUDY 2 1 0 No			
	Test Type: Test Duratior Test Level: Test Level U(n: DM:	Draw Down 45 20.0 ft			
	<u>Draw Down 8</u>	<u>Recovery</u>				
	Pump Test D Test Type: Test Duratior Test Level: Test Level U(etail ID: n: DM:	934917238 Draw Down 60 23.0 ft			
	<u>Draw Down &</u>	Recovery				
	Pump Test D Test Type: Test Duratior Test Level: Test Level U0	etail ID: 1: OM:	934116216 Draw Down 15 16.0 ft			

Draw Down & Recovery

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Pump Test Det Test Type: Test Duration: Test Level: Test Level UON	ail ID: M:	934399830 Draw Down 30 18.0 ft				
Water Details						
Water ID: Layer: Kind Code: Kind: Water Found D Water Found D	Pepth: Pepth UOM:	934008352 2 5 Not stated 170.0 ft				
Water Details						
Water ID: Layer: Kind Code: Kind: Water Found D Water Found D	epth: epth UOM:	934008351 1 5 Not stated 50.0 ft				
<u>10</u> 4	l of 4	S/171.9	124.9 / 2.08	lot 22 con 9 ON		WWIS
Well ID: Construction D Use 1st: Use 2nd: Final Well Statu Water Type: Casing Materia Audit No: Tag: Constructn Mei Elevation (m): Elevatn Reliabi Depth to Bedro Well Depth: Overburden/Be Pump Rate: Static Water Le Clear/Cloudy: Municipality:	Date: 153239 Domest us: Water S ul: 230285 thod: ilty: pock: edrock: evel:	5 ic Supply GOULBOURN TOW	INSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 11/27/2001 TRUE 1558 1 OTTAWA-CARLETON 022 09 CON	

PDF URL (Map):

Site Info:

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1532395.pdf

Additional Detail(s) (Map)

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

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Location Meth Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Com	105168 c: ted: 10/15/20 hod Desc: rce Date: Location Source: Location Method: ion Comment: iment:	45 001 Lot centroid		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 428410.20 5009995.00 9 unknown UTM lot
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID: Layer: Color: General Coloi Material 1: Material 1 Des Material 2 Des Material 2 Des Material 3 Des Formation To Formation En	r: sc: sc: p Depth: d Depth: d Depth UOM:	932832715 2 6 BROWN 17 SHALE 8.0 11.0 ft			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID: Layer: Color: General Color Material 1: Material 1 Des Material 2 Material 2 Des Material 3 Material 3 Des Formation To Formation En Formation En	r: sc: sc: p Depth: d Depth: d Depth UOM:	932832716 3 2 GREY 15 LIMESTONE 11.0 180.0 ft			
<u>Overburden a</u> Materials Inte	nd Bedrock rval				
Formation ID: Layer: Color: General Color Material 1: Material 1 Des Material 2: Material 2 Des	r: sc: sc:	932832714 1 6 BROWN 02 TOPSOIL 12 STONES			

DB

1	Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
N N F F F	<i>Material 3: Material 3 De Formation To Formation Er</i> Formation Er	sc: p Depth: nd Depth: nd Depth UOM:	0.0 8.0 ft			
<u>A</u> S	Annular Space Sealing Reco	ee/Abandonment_ rd				
P L P P P	Plug ID: .ayer: Plug From: Plug To: Plug Depth U	ОМ:	933219837 1 0.0 22.0 ft			
<u>N</u> U	<u>llethod of Co</u> <u>Ise</u>	onstruction & Well				
N N N C	Nethod Cons Nethod Cons Nethod Cons Other Method	truction ID: truction Code: truction: Construction:	961532395 4 Rotary (Air)			
P	Pipe Informa	<u>tion</u>				
P C C A	Pipe ID: Casing No: Comment: Nt Name:		11065415 1			
<u>c</u>	Construction	Record - Casing				
	Casing ID: .ayer: Material: Open Hole or Depth From: Depth To: Casing Diamo Casing Diamo Casing Depth	Material: eter: eter UOM: n UOM:	930094734 3 4 OPEN HOLE 5.0 inch ft			
<u>C</u>	Construction	Record - Casing				
	Casing ID: .ayer: /laterial: Dpen Hole or Depth From: Depth To: Casing Diamo Casing Diamo Casing Depth	Material: eter: eter UOM: n UOM:	930094733 2 4 OPEN HOLE 6.0 inch ft			
<u>c</u>	Construction	Record - Casing				
Ċ	Casing ID:		930094732			

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

Map Key Num Reco	ber of ords	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Kind Code: Kind: Water Found Depth: Water Found Depth	JOM:	5 Not stated 175.0 ft				
<u>11</u> 1 of 1		S/172.0	124.9 / 2.08	lot 22 con 9 ON		wwis
Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatin Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info: PDF URL (Map):	1531695 Domesti Water Si 222843	GOULBOURN TOW	/NSHIP 3rdv.cloudfront.ne	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 01/03/2001 TRUE 1119 1 OTTAWA-CARLETON 022 09 CON	lf
Well Completed Date Year Completed: Depth (m): Latitude: Longitude: X: Y: Path: Bore Hole Informatic	<u>.</u>	10/28/2000 2000 121.92 45.2398058424102 -75.912143178424 -75.9121430173497 45.23980583505192 153\1531695.pdf	75 2			
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Location Method De		9 100 Lot centroid		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 428409.70 5009995.00 9 unknown UTM lot	

Supplier Comment: Overburden and Bedrock

erisinfo.com | Environmental Risk Information Services

Elevrc Desc:

Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment:

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	D	В
Materials Inte	rval					
Formation ID: Layer: Color: General Colo		931079269 1				
Material 1: Material 1 Des Material 2:	sc:	26 ROCK 71				
Material 2 De Material 3: Material 3 De	sc: sc:	FRACTURED				
Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	0.0 3.0 ft				
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval					
Formation ID: Layer:		931079270 2 2				
General Color Material 1:	r:	Z GREY 15				
Material 1 De Material 2: Material 2 De Material 3: Material 3 De	sc: sc:	LIMESTONE				
Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	3.0 400.0 ft				
<u>Annular Spac</u> <u>Sealing Reco</u>	e/Abandonment rd					
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ом:	933116862 1 2.0 22.0 ft				
<u>Method of Co</u> <u>Use</u>	nstruction & Well					
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: I Construction:	961531695 5 Air Percussion				
Pipe Informat	ion					
Pipe ID: Casing No: Comment: Alt Name:		10601799 1				
<u>Construction</u>	<u>Record - Casing</u>					
Casing ID: Layer: Material:		930093233 3 4				

Order No: 24060700322

erisinfo.com | Environmental Risk Information Services

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DE
Open Hole o Depth From:	r Material:	OPEN HOLE			
Depth To:					
Casing Diam	eter:	6.0			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Construction</u>	<u>n Record - Casing</u>				
Casing ID:		930093231			
Layer:		1			
Material:	•• • • •	4			
Open Hole o Depth From: Depth To:	r Material:	OPEN HOLE			
Casing Diam	eter:	9.0			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Construction</u>	n Record - Casing				
Casing ID:		930093232			
Layer:		2			
Material:		1			
Open Hole o	r Material:	STEEL			
Depth From:					
Casing Diam	eter:	6.0			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Results of W</u>	lell Yield Testing				
Pumping Te	st Method Desc:				
Pump Test I	D:	991531695			
Pump Set At	:				
Static Level:		17.0			
Final Level A	After Pumping:	223.0			
Pumping Ra	ter Fump Depth.	5.0			
Flowing Rate	ə:	0.0			
Recommend	led Pump Rate:	5.0			
Levels UOM	:	ft			
Rate UOM:		GPM			
Water State	After Test Code:				
Pumping Te	st Method:	CLOODT			
Pumping Du	ration HR:	1			
Pumping Du	ration MIN:				
Flowing:		No			
Draw Down	<u>& Recovery</u>				
Pump Test L	Detail ID:	934658652			
Test Type:		Draw Down			
Test Duratio	n:	45			
Test Level:	~~~	184.0			
rest Level U	OM:	π			
Draw Down	& Recovery				
Pump Test L	Detail ID:	934397716			
105	erisinfo.com En	vironmental Risk Info	rmation Service	25	Order No: 24060700322

Map Key N R	lumber of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Test Type: Test Duration: Test Level: Test Level UOM:		Draw Down 30 129.0 ft				
<u>Draw Down & Re</u>	ecovery					
Pump Test Detai Test Type: Test Duration: Test Level: Test Level UOM:	I ID:	934114100 Draw Down 15 56.0 ft				
<u>Draw Down & Re</u>	ecovery					
Pump Test Detai Test Type: Test Duration: Test Level: Test Level UOM:	I ID:	934916098 Draw Down 60 223.0 ft				
Water Details						
Water ID: Layer: Kind Code: Kind: Water Found Dej Water Found Dej	oth: oth UOM:	933492266 1 FRESH 320.0 ft				
<u>12</u> 1 c	of 4	S/172.4	124.9/2.08	1384341 Ontario Ltd.	and Monarch Corporation	ECA
				Ottawa ON K2C 3H2		
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name: Approval Type: Project Type: Business Name: Address: Full Address: Full Address: Full PDF Link: PDF Site Locatio	1247-7. 2008-09 Approve ECA IDS : Rideau	JUJHJ 9-26 ed Valley ECA-Municipal Drir Municipal Drinking ' 1384341 Ontario Lt	iking Water Syster Water Systems d. and Monarch C	MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: ns	Ottawa -75.9121000000001 45.2398	
<u>12</u> 2 c	of 4	S/172.4	124.9 / 2.08	1384341 Ontario Ltd.		ECA
Approval No.	0062 7	77MH I		Ottawa ON KOA 1B0	Ottawa	
Approval No: Approval Date: Status: Record Type: Link Source: SWP Area Name. Approval Type: Project Type: Business Name:	2007-05 2007-05 Approve ECA IDS Rideau	Valley ECA-MUNICIPAL A MUNICIPAL AND F 1384341 Ontario Lt	ND PRIVATE SEV PRIVATE SEWAGI d.	WOE District: City: Longitude: Latitude: Geometry X: Geometry Y: WAGE WORKS E WORKS	-75.9121 45.2398	

Map Key	Number Records	of Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Address: Full Address: Full PDF Link: https://www.accessenvironme PDF Site Location:		ssenvironment.ene.	gov.on.ca/instruments/481	4-775KHW-14.pdf		
<u>12</u>	3 of 4	S/172.4	124.9 / 2.08	1384341 Ontario Lto	d. and Monarch Corporation	ECA
				Ottawa ON K2C 3H2	2	
Approval No: Approval Date Status: Record Type: Link Source: SWP Area Na Approval Typ Project Type: Business Nar Address:	e: me: me:	9853-7NAUTA 2009-01-16 Approved ECA IDS Rideau Valley ECA-MUNICIPAL MUNICIPAL AND 1384341 Ontario	AND PRIVATE SE PRIVATE SEWAG Ltd. and Monarch C	MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: WAGE WORKS E WORKS corporation	Ottawa -75.9121 45.2398	
Full Address: Full PDF Link PDF Site Loca	ation:	https://www.acces	ssenvironment.ene.	gov.on.ca/instruments/184	6-7JSQ6E-14.pdf	
<u>12</u>	4 of 4	S/172.4	124.9 / 2.08	1384341 Ontario Lto	d. and Monarch Corporation	ECA
				Ottawa ON K2C 3H2	2	
Approval No: Approval Dat Status: Record Type: Link Source: SWP Area Na Approval Typ Project Type: Business Nar Address: Full Address: Full Address: Full PDF Link PDF Site Loca	e: me: me: me: c: ation:	4663-7JUJPT 2008-09-26 Approved ECA IDS Rideau Valley ECA-MUNICIPAL MUNICIPAL AND 1384341 Ontario	AND PRIVATE SE PRIVATE SEWAG Ltd. and Monarch C ssenvironment.ene.	MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: WAGE WORKS E WORKS iorporation gov.on.ca/instruments/199	Ottawa -75.9121 45.2398 11-7JSQ8Y-14.pdf	
<u>13</u> Well ID: Construction Use 1st: Use 2nd: Final Well Sta Water Type: Casing Mater Audit No: Tag: Constructn M Elevation (m) Elevatn Relia Depth to Bed Well Depth: Overburden/E	1 of 7 Date: atus: ial: lethod: : bilty: rock: Bedrock:	S/172.7 1530042 Domestic Water Supply 183849	124.9/2.08	lot 22 con 9 ON Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession Name: Easting NAD83: Northing NAD83:	1 07/22/1998 TRUE 1558 1 OTTAWA-CARLETON 022 09 CON	wwis

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Static Water L Clear/Cloudy: Municipality: Site Info:	evel:	GOULBOURN TOW	/NSHIP	Zone: UTM Reliability:		
PDF URL (Map	o):	https://d2khazk8e83	Brdv.cloudfront.ne	et/moe_mapping/download	ds/2Water/Wells_pdfs/153\1530042.pdf	
Additional Det	t <u>ail(s) (Map)</u>					
Well Complete Year Complete Depth (m): Latitude: Longitude: X: Y: Path:	ed Date: ed:	05/11/1998 1998 53.34 45.2397971472488 -75.9121048158033 -75.9121046548089 45.23979714014823 153\1530042.pdf	8 17 3			
Bore Hole Info	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Location Meth Elevrc Desc: Location Sour Improvement Source Revisi Supplier Com	100515 : ed: 05/11/1 nod Desc: rce Date: Location Source: Location Method: on Comment: ment:	77 998 Lot centroid		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 428412.70 5009994.00 9 unknown UTM lot	
<u>Overburden al</u> <u>Materials Inter</u>	nd Bedrock rval					
Formation ID: Layer: Color: General Color. Material 1: Material 1 Des Material 2 Des Material 2 Des Material 3: Material 3 Des Formation Top Formation End	: cc: cc: o Depth: d Depth: d Depth UOM:	931074304 3 2 GREY 15 LIMESTONE 78 MEDIUM-GRAINED 74 LAYERED 6.0 175.0 ft				
<u>Overburden al</u> <u>Materials Inter</u>	<u>nd Bedrock</u> r <u>val</u>					
Formation ID: Layer: Color: General Color Material 1:	:	931074302 1 6 BROWN 02				

Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1 Desc: Material 2: Material 2 Desc: Material 3: Material 3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	TOPSOIL 12 STONES 68 DRY 0.0 3.0 ft			
Overburden and Bedrock Materials Interval				
Formation ID: Layer: Color: General Color: Material 1: Material 1 Desc: Material 2: Material 2: Material 3:	931074303 2 GREY 17 SHALE 85 SOFT			
<i>Material 3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	3.0 6.0 ft			
<u>Annular Space/Abandonmer</u> <u>Sealing Record</u>	<u>nt</u>			
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	933115159 1 21.0 0.0 ft			
Method of Construction & W	<u>/ell</u>			
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961530042 5 Air Percussion			
Pipe Information				
<i>Pipe ID: Casing No: Comment: Alt Name:</i>	10600147 1			
Construction Record - Casir	ng			
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To:	930089870 1 1 STEEL 22.0			
Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	6.0 inch ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction	Record - Casing				
Casing ID:		930089871			
Layer:		2			
Material:		4			
Open Hole of	^r Material:	OPEN HOLE			
Depth From:					
Depth To:		175.0			
Casing Diam	eter:	5.0			
Casing Diam	eter UOM:	inch			
Casing Deptl	n UOM:	ft			
<u>Results of W</u>	ell Yield Testing				
Pumping Tes	t Method Desc:	PUMP			
Pump Test IL) <u>;</u>	991530042			
Pump Set At	•				
Static Level:		16.0			
Final Level A	tter Pumping:	75.0 75.0			
Recommend	ed Pump Depth:	75.0			
Fullping Rat	с.	12.0			
Recommend	ed Pump Rate	5.0			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State	After Test Code:	2			
Water State	After Test:	CLOUDY			
Pumping Tes	t Method:	1			
Pumping Du	ation HR:	1			
Pumping Dui Elowing:	ation wiin:	U No			
Flowing.		NO			
Draw Down 8	Recovery				
Pump Test D Test Type:	etail ID:	934117257			
Test Duration	1:	15			
Test Level:		17.0			
Test Level U	OM:	ft			
Draw Down &	Recovery				
Pump Test D Test Type:	etail ID:	934392234			
Test Duration	1:	30			
Test Level:	014	17.0			
Test Level U	JW:	п			
Draw Down &	Recovery				
Pump Test D Test Type:	etail ID:	934909930			
Test Duration	n:	60			
Test Level:		16.0			
Test Level U	ОМ:	ft			
<u>Draw Down &</u>	Recovery				
Pump Test D Test Type:	etail ID:	934661392			
Test Duration	n:	45			

Мар Кеу	Number Records	r of s	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Test Level: Test Level U	OM:		16.0 ft				
Water Details	2						
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOI	И:	933490067 1 5 Not stated 170.0 ft				
<u>13</u>	2 of 7		S/172.7	124.9 / 2.08	lot 22 con 9 ON		wwis
Well ID: Construction Use 1st:	Date:	1521297 Domestic			Flowing (Y/N): Flow Rate: Data Entry Status:		
Use 2nd: Final Well Sta Water Type: Casing Mater	atus: rial:	Water Su	pply		Data Src: Date Received: Selected Flag: Abandonment Rec:	1 04/28/1987 TRUE	
Audit No: Tag: Constructn N Elevation (m)	lethod:):	07428			Contractor: Form Version: Owner: County:	3142 1 OTTAWA-CARLETON	
Elevatn Relia Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water Clear/Cloudy Municipality:	bilty: Irock: Bedrock: Level: :		GOULBOURN TO	WNSHIP	Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	022 09 CON	
Site Info: PDF URL (Ma	np):		https://d2khazk8e8	3rdv.cloudfront.ne	t/moe_mapping/downloads/	/2Water/Wells_pdfs/152\1521297.pdf	
Additional De	etail(s) (Maj	<u>o)</u>					
Well Complet Year Comple Depth (m): Latitude: Longitude: X: Y: Path:	ted Date: ted:		04/15/1987 1987 35.9664 45.2397971472488 -75.912104815803 -75.912104654808 45.2397971401482 152\1521297.pdf	3 3 97 23			
Bore Hole Inf	ormation						
Bore Hole ID: DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Location Met	: s: : ted: hod Desc:	10043119 04/15/19	9 87 Lot centroid		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 428412.70 5009994.00 9 unknown UTM lot	
Elevrc Desc:	100 0630.		Lot controlu				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Location Sou Improvement Improvement Source Revis Supplier Con	rce Date: Location Source: Location Method: ion Comment: nment:				
Overburden a Materials Inte	and Bedrock erval				
Formation ID	:	931047487			
Layer:		2			
Color:		2			
General Colo	r:	GREY			
Material 1: Material 1 De	sc:	LIMESTONE			
Material 2: Material 2 De Material 3:	sc:				
Material 3 De	sc:	10.0			
Formation To	op Depth:	16.0			
Formation Er	nd Depth UOM:	ft			
Overburden a Materials Inte	and Bedrock erval				
Formation ID	:	931047488			
Layer:		3			
Color:		8			
General Colo Matorial 1:	r:	BLACK 15			
Material 1. Material 1 De	sc.	LIMESTONE			
Material 2:	30.	17			
Material 2 De Material 3: Material 2 De	sc:	SHALE			
Formation To	sc. In Denth	80.0			
Formation Er	nd Depth:	118.0			
Formation Er	nd Depth UOM:	ft			
Overburden a Materials Inte	and Bedrock erval				
Formation ID	:	931047486			
Layer:		1			
Color:	-	6 RDOW(N			
General Colo	r:	BROWN			
Material 1. Material 1 De	sc.	SAND			
Material 2:	30.	11			
Material 2 De	sc:	GRAVEL			
Material 3:		13			
Material 3 De	sc:	BOULDERS			
Formation To	p Depth:	0.0			
Formation Er Formation Er	id Depth: id Depth UOM:	ft			
<u>Method of Co Use</u>	onstruction & Well				
Method Cons Method Cons	truction ID: truction Code:	961521297 1			

_
Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Method Cons Other Metho	struction: d Construction:	Cable Tool				
<u>Pipe Informa</u>	<u>tion</u>					
Pipe ID: Casing No: Comment: Alt Name:		10591689 1				
<u>Constructior</u>	Record - Casing					
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam	r Material: eter:	930075284 1 STEEL 24.0 6.0				
Casing Diam Casing Dept	eter UOM: h UOM:	ft				
<u>Constructior</u>	Record - Casing					
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Dept	r Material: eter: eter UOM: h UOM:	930075285 2 4 OPEN HOLE 118.0 6.0 inch ft				
<u>Results of W</u>	ell Yield Testing					
Pumping Tes Pump Test II Pump Set At Static Level: Final Level A Recommend Pumping Rate Recommend Levels UOM: Rate UOM: Water State J Water State J Pumping Dui Pumping Dui Flowing: Draw Down & Pump Test D Test Type: Test Duration Test Level U	t Method Desc:): fter Pumping: ed Pump Depth: te: e: ed Pump Rate: After Test Code: After Test: After Test: at Method: ration HR: ration MIN: <u>& Recovery</u> petail ID: n: OM:	BAILER 991521297 20.0 60.0 85.0 15.0 7.0 ft GPM 2 CLOUDY 2 2 0 No 934909431 60 60.0 ft				
113	erisinfo.com Env	ironmental Risk Info	rmation Service	S	Order No: 240607003	22

_	Мар Кеу	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
	<u>Draw Down & F</u>	<u>Recovery</u>						
	Pump Test Det	ail ID:		934651223				
	Test Duration:			45				
	Test Level:			60.0				
	Test Level UOI	И:		ft				
	Draw Down & F	<u>Recovery</u>						
	Pump Test Det	ail ID:		934390076				
	Test Type:			20				
	Test Level:			60.0				
	Test Level UOI	И:		ft				
	<u>Draw Down & F</u>	<u>Recovery</u>						
	Pump Test Det	ail ID:		934105977				
	Test Type:							
	Test Duration:			15				
	Test Level UOI	N:		ft				
	Water Details							
	Water ID:			933478794				
	Layer: Kind Code:			2				
	Kind:							
	Water Found D	epth:		116.0				
	Water Found D	epth UON	1:	ft				
	Water Details							
	Water ID:			933478793				
	Layer:			1				
	Kina Coae: Kind [.]			FRESH				
	Water Found D	epth:		86.0				
	Water Found D	epth UON	1:	ft				
-	<u>13</u> 3	8 of 7		S/172.7	124.9/2.08	lot 22 con 9 ON		wwis
	Well ID:		1521852			Flowing (Y/N)·		
	Construction D	Date:				Flow Rate:		
	Use 1st:		Domestic			Data Entry Status:		
	Use 2nd:		Water S.	nnly		Data Src:	1	
	Water Type:	u3.	valer Su	Ь Ьі λ		Selected Flag:	TRUE	
	Casing Materia	d:				Abandonment Rec:		
	Audit No:		19316			Contractor:	1558	
	Tag: Constructo Mo	thod.				Form Version:	1	
	Elevation (m):					County:	OTTAWA-CARLETON	
	Elevatn Reliabi	ilty:				Lot:	022	
	Depth to Bedro	ock:				Concession:	09	
	Well Depth:	drock				Concession Name:	CON	
	Pump Rate:					Northing NAD83:		
	-					-		

Map Key	Number o Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Static Water I Clear/Cloudy Municipality: Site Info:	Level: :		GOULBOURN TOW	/NSHIP	Zone: UTM Reliability:		
PDF URL (Ma	ıр):		https://d2khazk8e83	Brdv.cloudfront.ne	et/moe_mapping/download	ls/2Water/Wells_pdfs/152\1521852.pdf	
Additional De	etail(s) (Map)	2					
Well Complet Year Complet Depth (m): Latitude: Longitude: X: Y: Path:	ted Date: ted:		07/10/1987 1987 45.72 45.2397971472488 -75.9121048158033 -75.9121046548089 45.23979714014823 152\1521852.pdf	8 17 3			
Bore Hole Inf	ormation						
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Location Mett Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Com	s: ted: hod Desc: trce Date: Location So Location Mo ion Comment:	1004366 07/10/19 ource: ethod: nt:	987 Lot centroid		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 428412.70 5009994.00 9 unknown UTM lot	
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval	<u>r</u>					
Formation ID. Layer: Color: General Color Material 1 De: Material 1 De: Material 2 De: Material 2 De: Material 3 De: Formation To Formation En Formation En	: r: sc: sc: pp Depth: nd Depth: nd Depth UO	М:	931049376 4 2 GREY 15 LIMESTONE 36.0 150.0 ft				
Materials Inte	erval	<u> </u>					
Formation ID. Layer: Color: General Colo Material 1:	: r:		931049375 3 2 GREY 28				
115	erisinfo.cor	<u>n</u> Envi	ronmental Risk Info	rmation Servic	es	Order No: 24060	0700322

_

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1 De	sc:	SAND			
Material 2:					
Material 2 De Material 3	SC:	GRAVEL			
Material 3 De	sc:				
Formation To	p Depth:	28.0			
Formation En	d Depth:	36.0			
Formation En	d Depth UOM:	π			
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID	:	931049373			
Layer:		1			
Color: General Colo	r.				
Material 1:		28			
Material 1 De	sc:	SAND			
Material 2:		13			
Material 2 De Material 3	SC:	BOULDERS			
Material 3 De	sc:				
Formation To	p Depth:	0.0			
Formation En	d Depth:	10.0 #			
I Ofmation En	a Depth COM.	it.			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID	:	931049374			
Layer:		2			
General Colo	r:	BROWN			
Material 1:		28			
Material 1 De	sc:	SAND			
Material 2: Material 2 De	sc.				
Material 3:	30.				
Material 3 De	sc:				
Formation To	p Depth:	10.0			
Formation En	id Depth: id Depth UOM:	20.0 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons	truction ID:	961521852			
Method Cons	truction Code:	5 Air Percussion			
Other Method	l Construction:	All I Groussion			
<u>Pipe Informat</u>	tion				
Pipe ID:		10592235			
Casing No:		1			
Comment:					
AIL NAIIIE:					
Construction	Record - Casing				
Casing ID:		930076295			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:	* Motoriol:	1			
Depth From:	r waterial:	SIEEL			
Depth To:		37.0			
Casing Diam	eter:	6.0			
Casing Diam Casing Dept	h UOM:	ft			
o donig 2 opt					
<u>Construction</u>	n Record - Casing				
Casing ID:		930076296			
Layer: Motoriali		2			
Open Hole o	r Material:	OPEN HOLE			
Depth From:					
Depth To:	otor:	150.0			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
Populto of M	All Viold Testing				
<u>Results of W</u>	t Mathad Daga				
Pump Test II	si iweirioa Desc: D:	991521852			
Pump Set At		001021002			
Static Level:		20.0			
Recommend	led Pumping:	130.0			
Pumping Ra	te:	7.0			
Flowing Rate	e: Ind Rump Potor	5.0			
Levels UOM:	eu rump nate.	ft			
Rate UOM:		GPM			
Water State	After Test Code:				
Pumping Tes	st Method:	2			
Pumping Du	ration HR:	1			
Pumping Du	ration MIN:	0 No			
nowing.		140			
Draw Down	<u>& Recovery</u>				
Pump Test D	Detail ID:	934391270 Drow Down			
Test Type: Test Duratio	n:	30			
Test Level:		100.0			
Test Level U	ОМ:	ft			
<u>Draw Down o</u>	& Recovery				
Pump Test D	Detail ID:	934910620			
Test Type:		Draw Down			
Test Duratio	n:	60 100 0			
Test Level U	OM:	ft			
Draw Down	& Recovery				
		004050000			
Pump Test D	etail ID:	934653389 Draw Down			
Test Duratio	n:	45			
Test Level:		100.0			
117	erisinfo.com Env	vironmental Risk Info	rmation Service	es	Order No: 24060700322
		-	-		

Map Key	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Test Level UC	OM:		ft				
Draw Down &	<u>Recovery</u>						
Pump Test De	etail ID:		934108146				
Test Type:			Draw Down				
Test Duration	n:		15				
Test Level: Test Level II	014-		75.0 #				
lest Level oc			it.				
Water Details	5						
Water ID:			933479561				
Layer:			1				
Kind Code:			1				
Kind:			FRESH				
Water Found	Depth:	_	135.0				
Water Found	Depth UON	1:	π				
<u>13</u>	4 of 7		S/172.7	124.9 / 2.08	lot 22 con 9 ON		WWIS
Well ID:		1525248	4		Flowing (Y/N)		
Construction	Date:	1020240			Flow Rate:		
Use 1st:	Duto	Domesti	C		Data Entry Status:		
Use 2nd:					Data Src:	1	
Final Well Sta	atus:	Water Su	upply		Date Received:	01/18/1991	
Water Type:					Selected Flag:	TRUE	
Casing Mater	rial:				Abandonment Rec:		
Audit No:		48680			Contractor:	1119	
Tag:					Form Version:	1	
Constructn M	lethod:				Owner:		
Elevation (m)): 				County:	011AWA-CARLETON	
Elevatil Relia Donth to Bod	ibility: Irock:				LOC. Concession:	022	
Well Denth:	nock.				Concession Name	CON	
Overburden/E	Bedrock:				Easting NAD83:		
Pump Rate:					Northing NAD83:		
Static Water I	Level:				Zone:		
Clear/Cloudy.	<u>'</u>				UTM Reliability:		
Municipality: Site Info			GOULBOURN TO	VNSHIP			
PDF URL (Ma	ap):		https://d2khazk8e8	3rdv.cloudfront.ne	t/moe mapping/downloads	/2Water/Wells pdfs/152\1525248.pdf	
	.,		•				
Additional De	etail(s) (Map	D)					
Well Complet	ted Date:		02/19/1980				
Year Complet	ted:		1980				
Depth (m):			134.112				
Latitude:			45.239/9/14/2488	3			
∟ongitude: X∙			-75 912104610603	97			
Y:			45.2397971401482	3			
Path:			152\1525248.pdf				
	formation						
Bore Hole Inf					Elevation:		
<u>Bore Hole Inf</u> Bore Hole ID:	:	1004698	8				
Bore Hole Inf Bore Hole ID: DP2BR:	:	1004698	8		Elevrc:		
Bore Hole Inf Bore Hole ID: DP2BR: Spatial Status	: s:	1004698	8		Elevrc: Zone:	18	

Map Key Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Code OB Desc: Open Hole: Cluster Kind: Date Completed: 02/19/ ² Remarks:	1980		North83: Org CS: UTMRC: UTMRC Desc: Location Method:	5009994.00 9 unknown UTM lot	
Location Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	Lot centroid				
Overburden and Bedrock Materials Interval					
Formation ID: Layer: Color: General Color: Material 1: Material 1 Desc: Material 2: Material 2: Material 2:	931060588 1 7 RED 28 SAND				
Material 3: Material 3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 30.0 ft				
Overburden and Bedrock Materials Interval					
Formation ID: Layer: Color: General Color:	931060589 2				
Material 1: Material 1 Desc: Material 2: Material 2 Desc: Material 3:	BOULDERS 11 GRAVEL				
Material 3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	30.0 35.0 ft				
Overburden and Bedrock Materials Interval					
Formation ID: Layer: Color: General Color: Material 1: Material 1 Desc: Material 2: Material 2: Material 3:	931060590 3 2 GREY 15 LIMESTONE				
Material 3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	35.0 440.0 ft				

Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961525248 5 Air Percussion
Pipe Information	

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID:	934905211
Test Type:	Draw Down
Test Duration:	60
Test Level:	280.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID: Test Type: Test Duration: 934111663

Draw Down 15

Мар Кеу	Number o Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Test Level: Test Level U	IOM:		100.0 ft				
Draw Down	<u>& Recovery</u>						
Pump Test L Test Type: Test Duratio Test Level: Test Level U	Detail ID: n: IOM:		934387067 Draw Down 30 165.0 ft				
Draw Down	<u>& Recovery</u>						
Pump Test L Test Type: Test Duratio Test Level: Test Level U	Detail ID: n: IOM:		934648031 Draw Down 45 225.0 ft				
Water Detail	<u>s</u>						
Water ID: Layer: Kind Code: Kind: Water Found Water Found	d Depth: d Depth UOM:	r.	933484166 2 1 FRESH 410.0 ft				
Water Detail	<u>s</u>						
Water ID: Layer: Kind Code: Kind: Water Found Water Found	d Depth: d Depth UOM:	:	933484165 1 FRESH 160.0 ft				
<u>13</u>	5 of 7		S/172.7	124.9/2.08	lot 22 con 9 ON		WWIS
Well ID: Construction Use 1st: Use 2nd: Final Well St Water Type: Casing Mate Audit No: Tag: Constructn I Elevation (m Elevatin Relia Depth to Bed Well Depth: Overburden, Pump Rate: Static Water Clear/Cloudy Municipality Site Info:	n Date: tatus: trial: Method:): abilty: drock: /Bedrock: /Bedrock: Level: y: :	1525669 Domestic Test Hole 103215	GOULBOURN TOW	INSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 10/22/1991 TRUE 3142 1 OTTAWA-CARLETON 022 09 CON	

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1525669.pdf

_

Additional Detail(s) (Map)

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

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks:	10047404 10/02/1991	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 428412.70 5009994.00 9 unknown UTM lot
Location Method Desc: Elevrc Desc: Location Source Date: Improvement Location S Improvement Location N Source Revision Comme Supplier Comment:	Lot centroid Source: Method: ent:		
<u>Overburden and Bedroc.</u> <u>Materials Interval</u>	<u>k</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:
Overburden and Bedrock

Materials Interval

122

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

ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Formation Er Formation Er	nd Depth: nd Depth UOM:	54.0 ft				
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval					
Formation ID Layer: Color: General Colo Material 1: Material 1 De Material 2 De Material 3 De Eormation Tc	: r: sc: sc: sc:	931061972 2 GREY 05 CLAY 77 LOOSE				
Formation Fr Formation Er	nd Depth: ad Depth: ad Depth UOM:	18.0 ft				
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval					
Formation ID Layer: Color: General Colo Material 1: Material 1 De Material 2 De Material 2 De Material 3 De Formation To Formation Er Formation Er	: r: sc: sc: sc: p Depth: nd Depth: nd Depth UOM: ce/Abandonment	931061973 3 2 GREY 28 SAND 11 GRAVEL 79 PACKED 18.0 32.0 ft				
<u>Sealing Reco</u> Plug ID: Layer: Plug From: Plug To: Plug Depth U	rd IOM:	933111350 1 8.0 37.0 ft				
<u>Method of Co</u> <u>Use</u>	onstruction & Well					
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: d Construction:	961525669 1 Cable Tool				
<u>Pipe Informa</u>	<u>tion</u>	4050507				
Pipe ID: Casing No: Comment: Alt Name:		10595974 1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction	n Record - Casing				
Casing ID:		930082976			
Layer:		2			
Material:		4			
Open Hole o Depth From:	r Material:	OPEN HOLE			
Depth To:		54.0			
Casing Diam	eter:	6.0			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Construction</u>	n Record - Casing				
Casing ID:		930082975			
Layer:		1			
Material:		1			
Open Hole o	r Material:	STEEL			
Depth From:					
Depth To:		38.0			
Casing Diam	eter:	6.0			
Casing Diam	eter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Results of W</u>	ell Yield Testing				
Pumping Tes Pump Test II	st Method Desc: D:	PUMP 991525669			
Pumn Set At					

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

Draw Down & Recovery

Pump Test Detail ID:	934105044
Test Type:	
Test Duration:	15
Test Level:	22.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934388703
Test Type:	
Test Duration:	30
Test Level:	22.0
Test Level UOM:	ft

Draw Down & Recovery

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test L	Detail ID:	934906421			
Test Type:					
Test Duratio	n:	60			
Test Level:		22.0			
Test Level U	OM:	ft			
<u>Draw Down</u>	& Recovery				
Pump Test L	Detail ID:	934649241			
Test Type:					
Test Duratio	n:	45			
Test Level:		22.0			
Test Level U	OM:	ft			
<u>Water Detail</u>	<u>s</u>				
Water ID:		933484719			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found	l Depth:	52.0			
Water Found	Depth UOM:	ft			
<u>13</u>	6 of 7	S/172.7	124.9 / 2.08	lot 22 con 9	WWIS

		ON	
Well ID:	1526192	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:	06/02/1992
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	113382	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\1526192.pdf

Additional Detail(s) (Map)

Well Completed Date:	05/11/1992
Year Completed:	1992
Depth (m):	45.1104
Latitude:	45.2397971472488
Longitude:	-75.9121048158033
Х:	-75.91210465480897
Y:	45.23979714014823
Path:	152\1526192.pdf

Bore Hole Information

Map Key Number o Records	of Direction/ Distance (m)	Elev/Diff (m)	Site		DI
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 So Improvement Location Me Source Revision Commer Supplier Comment:	10047922 D5/11/1992 Lot centroid purce: ethod: ht:		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 428412.70 5009994.00 9 unknown UTM lot	
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:	931063497				
Layer:	2				
Color:	2				
General Color:	GREY 15				
Material 1 Desc:	LIMESTONE				
Material 2:	30				
Material 2 Desc:	MEDIUM GRAVEL				
Material 3:					
Material 3 Desc:	10.0				
Formation Top Depth:	12.0				
Formation End Depth:	148.0 M· ft				
Overburden and Bedrock					
<u>Materials Interval</u>					
Formation ID:	931063496				
Layer:	1				
Color:	6 BBOWN				
General Color: Material 1:	BROWN 28				
Material 1 Desc:	SAND				
Material 2:	11				
Material 2 Desc:	GRAVEL				
Material 3:	13				
Material 3 Desc:	BOULDERS				
Formation Top Depth:	12.0				
Formation End Depth UOI	M : ft				
<u>Method of Construction &</u> <u>Use</u>	Well				
Mathod Construction ID-	061526102				
Method Construction ID:	le: 5				
Method Construction:	Air Percussion				
Other Method Construction	on:				
Pipe Information					
Pipe ID:	10596492				
126 erisinfo.com	1 Environmental Risk Info	ormation Servic	es	Order No	o: 24060700:

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	D
Casing No: Comment: Alt Name:		1			
<u>Constructio</u>	<u>n Record - Casing</u>				
Casing ID:		930083889			
Layer:		1			
Material:					
Open Hole o	or Material:				
Depth From	:	20.0			
Casing Dian	neter:	20.0 6.0			
Casing Dian	neter UOM:	inch			
Casing Dept	th UOM:	ft			
<u>Constructio</u>	n Record - Casing				
Casing ID:		930083890			
Layer:		2			
Material:		4			
Open Hole of Depth From	or Material: :	OPEN HOLE			
Depth To:		148.0			
Casing Dian	neter:	6.0			
Casing Dian	neter UOM:	inch			
Casing Depi		π			
<u>Results of V</u>	Vell Yield Testing				
Pumping Te	st Method Desc:	PUMP			
Pump Test I	D:	991526192			
Pump Set A	t:				
Static Level	: After Dumminer	30.0			
Final Level /	After Pumping: Ned Pump Denth:	120.0			
Pumping Ra	ite' i unip Depin. ite'	5.0			
Flowing Rat	e:	0.0			
Recommend	ded Pump Rate:	5.0			
Levels UOM	:	ft			
Rate UOM:		GPM			
Water State	After Test Code:				
Nater State	Alter Test: st Method:	1			
Pumping Du	iration HR:	1			
Pumping Du	iration MIN:	0			
Flowing:		No			
<u>Draw Down</u>	<u>& Recovery</u>				
Pump Test I	Detail ID:	934390413			
Test Type:		Draw Down			
Test Duratio	on:	30			
Test Level:		60.0			
Test Level U	IOM:	Ħ			
<u>Draw Down</u>	& Recovery				
Pump Test I	Detail ID:	934650934			
Test Type:		Draw Down			
Test Duratio	on:	45			
Test Level:		60.0			
127	erisinfo.com En	vironmental Risk Info	ormation Service	es	Order No: 2406070032

Мар Кеу	Number Records	r of s	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Test Level UC	ОМ:		ft				
<u>Draw Down &</u>	Recovery						
Pump Test De Test Type: Test Duration Test Level: Test Level UC	etail ID: n: OM:		934908552 Draw Down 60 60.0 ft				
<u>Draw Down 8</u>	Recovery						
Pump Test De Test Type: Test Duration Test Level: Test Level UC	etail ID: n: DM:		934106779 Draw Down 15 60.0 ft				
Water Details	i						
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOI	И:	933485419 1 FRESH 143.0 ft				
<u>13</u>	7 of 7		S/172.7	124.9/2.08	lot 22 con 9 ON		wwis
Well ID: Construction Use 1st: Use 2nd: Final Well Sta Water Type: Casing Mater Audit No: Tag: Constructn IN Elevation (m) Elevatin Relia Depth to Bed Well Depth: Overburden/E Pump Rate: Static Water I Clear/Cloudy Municipality: Site Info: PDF URL (Ma	Date: atus: ial: iethod: bilty: bilty: book: Bedrock: Level: :	1528486 Domestic Water St 153106	GOULBOURN TOW	/NSHIP 3rdv.cloudfront.ne	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 05/11/1995 TRUE 1558 1 OTTAWA-CARLETON 022 09 CON	
Additional De	etail(s) (Maj	<u>o)</u>					
Well Complet Year Complet Depth (m): Latitude: Longitude: X: Y:	ted Date: ted:		03/31/1995 1995 19.812 45.2397971472488 -75.9121048158033 -75.9121046548089 45.23979714014823	3 17 3			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Path:		152\1528486.pdf				
Bore Hole Info	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Location Meth Elevrc Desc: Location Sour Improvement Improvement Source Revisi Supplier Com	10050022 c: ed: 03/31/199 hod Desc: rce Date: Location Source: Location Method: ion Comment: ment:	2 95 Lot centroid		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: UTMRC Desc: Location Method:	18 428412.70 5009994.00 9 unknown UTM lot	
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval					
Formation ID: Layer: Color: General Color Material 1: Material 1 Des Material 2 Material 2 Des Material 3 Material 3 Des Formation To Formation En	r: sc: sc: p Depth: d Depth: d Depth UOM:	931069802 3 2 GREY 28 SAND 05 CLAY 13 BOULDERS 14.0 30.0 ft				
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval					
Formation ID: Layer: Color: General Color Material 1: Material 1 Des Material 2: Material 2 Des Material 3:	r: sc: sc:	931069800 1 8 BLACK 05 CLAY 28 SAND 91				

Formation ID:

Layer: Color: General Color:

Material 3 Desc:

Formation Top Depth: Formation End Depth: Formation End Depth UOM:

Overburden and Bedrock Materials Interval

931069803

4 2

GREY

WATER-BEARING

0.0 2.0 ft

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

Pipe Information

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID: Casing No: Comment: Alt Name:		10598592 1			
<u>Constructior</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Dept	r Material: eter: eter UOM: h UOM:	930087402 1 STEEL 45.0 6.0 inch ft			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Depth	r Material: eter: eter UOM: h UOM:	930087403 2 4 OPEN HOLE 65.0 6.0 inch ft			
<u>Results of W</u>	ell Yield Testing				
Pumping Test Pump Test II Pump Set At Static Level: Final Level A Recommend Pumping Rate Recommend Levels UOM: Rate UOM: Water State A Pumping Tes Pumping Du Pumping Du Flowing:	at Method Desc: : : : : : ed Pump Depth: : ed Pump Rate: : After Test Code: After Test: St Method: iration HR: iration MIN:	BAILER 991528486 0.0 0.0 50.0 105.0 5.0 ft GPM 2 1 0 No			
Water Details	5				
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM:	933488170 1 5 Not stated 58.0 ft			
<u>14</u>	1 of 1	S/173.0	124.9 / 2.08	lot 22 con 9 ON	WWIS
	erisinfo.com En	vironmental Risk Info	rmation Service	S	Order No: 24060700322

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Well ID:	1533386			Flowing (Y/N):		
Construction D	ate:			Flow Rate:		
Use 1st:	Domestic	;		Data Entry Status:		
Use 2nd:				Data Src:	1	
Final Well Statu	us: Water Su	vlaqu		Date Received:	12/19/2002	
Water Type:		,		Selected Flag:	TRUE	
Casing Materia	l:			Abandonment Rec:		
Audit No:	246359			Contractor:	2558	
Taa:				Form Version:	1	
Constructn Met	thod:			Owner:		
Elevation (m):				County:	OTTAWA-CARLETON	
Elevatn Reliabi	ltv:			Lot:	022	
Depth to Bedro	ck:			Concession:	09	
Well Depth:				Concession Name	CON	
Overburden/Be	drock			Fasting NAD83		
Pumn Rate:				Northing NAD83		
Static Water Le	vel·			Zone:		
Clear/Cloudy:				LITM Reliability:		
Municinality:		GOULBOURN TOW	/NSHIP	e nii Kenabiiity.		
Site Info:		0001200101101				

PDF URL (Map):

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1533386.pdf

Additional Detail(s) (Map)

11/01/2002
2002
18.288
45.2397967911301
-75.9121494041695
-75.91214924267338
45.239796784662325
153\1533386.pdf

Bore Hole Information

Bore Hole ID:	10530133	Elevation:	
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 S	Source:		

Overburden and Bedrock Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

932880981
5
8
BLACK
15
LIMESTONE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2 De	esc:				
Material 3:					
Material 3 De	esc:	54.0			
Formation I	op Depth: nd Donth:	54.0			
Formation E	nd Depth: nd Donth UOM:	60.0 ft			
	na Depth OOM.	n			
Overburden	and Bedrock				
Materials Inte	erval				
Formation ID) <u>-</u>	932880978			
Laver:	-	2			
Color:					
General Colo	or:				
Material 1:		05			
Material 1 De	esc:	CLAY			
Material 2:		11			
Material 2 De	esc:	GRAVEL			
Material 3: Material 2 Dr					
Formation T	op Depth:	12.0			
Formation E	nd Depth:	19.0			
Formation E	nd Depth UOM:	ft			
<u>Overburden</u> Materials Int	<u>and Bedrock</u> erval				
Formation IF	.	02200070			
Formation IL Lavor:		3			
Color:		8			
General Colo	or:	BLACK			
Material 1:		15			
Material 1 De	esc:	LIMESTONE			
Material 2:					
Material 2 De	esc:				
Material 3:					
Material 3 De	esc: on Denth:	19.0			
Formation E	nd Depth:	52.0			
Formation E	nd Depth UOM:	ft			
Overburden Materials Int	and Bedrock erval				
Formation IF)-	932880977			
Laver:		1			
Color:					
General Colo	or:				
Material 1:		05			
Material 1 De	esc:	CLAY			
Material 2:		26 DOOK			
Material 2 De	esc:	ROCK			
waterial 3: Material 2 D/					
Formation T	n Denth	0.0			
Formation E	nd Depth:	12.0			
Formation E	nd Depth UOM:	ft			
<u>Overburden</u>	and Bedrock				
waterials int	<u>er Val</u>				
Formation ID):	932880980			

_

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer: Color: General Color: Material 1: Material 1 Desc Material 2: Material 2 Desc	:	4 8 BLACK 15 LIMESTONE			
Material 3: Material 3 Desc Formation Top Formation End Formation End	: Depth: Depth: Depth UOM:	52.0 54.0 ft			
<u>Annular Space/</u> Sealing Record	Abandonment				
Plug ID: Layer: Plug From: Plug To: Plug Depth UOI	М:	933230448 1 0.0 26.0 ft			
<u>Method of Cons</u> <u>Use</u>	struction & Well				
Method Constru Method Constru Method Constru Other Method C	uction ID: uction Code: uction: Construction:	961533386 4 Rotary (Air)			
<u>Pipe Informatio</u>	<u>n</u>				
Pipe ID: Casing No: Comment: Alt Name:		11078703 1			
Construction R	ecord - Casing				
Casing ID: Layer: Material: Open Hole or M Depth From: Depth To: Casing Diamete Casing Diamete Casing Depth U	laterial: er: er UOM: IOM:	930096850 1 1 STEEL 6.0 inch ft			
Results of Well	<u>Yield Testing</u>				
Pumping Test I Pump Test ID: Pump Set At: Static Level: Final Level Afte Recommended Pumping Rate: Flowing Rate:	Method Desc: er Pumping: Pump Depth:	PUMP 991533386 11.0 11.0 35.0 60.0			
Recommended Levels UOM: Rate UOM:	Pump Rate:	7.0 ft GPM			

Map Key Numbe Record	r of Direction/ ls Distance (m)	Elev/Diff (m)	Site		DB
Water State After Test (Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing:	Code: 2 CLOUDY 1 1 0 No				
Draw Down & Recovery	4				
<i>Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:</i>	934664280 Draw Down 45 11.0 ft				
Draw Down & Recovery	4				
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:	934120146 Draw Down 15 11.0 ft				
Draw Down & Recovery	2				
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:	934912405 Draw Down 60 11.0 ft				
Draw Down & Recovery	2				
Pump Test Detail ID: Test Type: Test Duration: Test Level: Test Level UOM:	934395000 Draw Down 30 11.0 ft				
Water Details					
Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UO	934022842 1 5 Not stated 53.0 M: ft				
<u>15</u> 1 of 1	SW/174.2	124.9 / 2.08	lot 22 con 9 ON		WWIS
Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method:	1518633 Domestic 0 Water Supply		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner:	1 11/24/1983 TRUE 1558 1	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	
Elevation (m) Elevatn Relia Depth to Bed Well Depth: Overburden/E Pump Rate: Static Water I Clear/Cloudy Municipality: Site Info:	: bilty: rock: Bedrock: Level: :	GOULBOURN TOW	/NSHIP	County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA-CARLETON 022 09 CON
PDF URL (Ma	p):	https://d2khazk8e83	rdv.cloudfront.ne	et/moe_mapping/downloads/2	Water/Wells_pdfs/151\1518633.pdf
Additional De	etail(s) (Map)				
Well Complet Year Complet Depth (m): Latitude: Longitude: X: Y: Path:	ed Date: ted:	10/05/1983 1983 45.72 45.2400317083216 -75.9131660897686 -75.9131659286064 45.24003170156733 151\1518633.pdf	5 7 54		
Bore Hole Inf	ormation				
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Location Mett Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Com	1004050 s: ted: 10/05/19 hod Desc: rce Date: Location Source: Location Method: ion Comment: iment:	03 983 Original Pre1985 UT	ſM Rel Code 4: r	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: nargin of error : 30 m - 100 m	18 428329.70 5010021.00 4 margin of error : 30 m - 100 m p4
Formation ID. Layer: Color: General Colo. Material 1 De: Material 1 De: Material 2 De: Material 2 De: Material 3 De: Formation To Formation En Formation En	: r: sc: sc: p Depth: nd Depth: nd Depth: nd Depth UOM:	931039031 3 2 GREY 15 LIMESTONE 78 MEDIUM-GRAINED 48.0 150.0 ft			
Materials Inte	erval				

DB

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID Layer: Color: General Colo Material 1: Material 1 De Material 2 De Material 2 De Material 3: Material 3: Formation To Formation Er	: sc: sc: sc: p Depth: nd Depth: nd Depth UOM:	931039029 1 6 BROWN 28 SAND 13 BOULDERS 79 PACKED 0.0 9.0 ft			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID Layer: Color: General Colo Material 1: Material 1 De Material 2 Material 2 Material 3 Material 3 De Formation To Formation Er	: r: sc: sc: sc: p Depth: nd Depth: nd Depth UOM:	931039030 2 2 GREY 28 SAND 11 GRAVEL 13 BOULDERS 9.0 48.0 ft			
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: Construction:	961518633 1 Cable Tool			
<u>Pipe Informat</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10589073 1			
Construction	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diamo Casing Depth	Material: eter: eter UOM: o UOM:	930070700 1 1 STEEL 50.0 6.0 inch ft			
Construction	Record - Casing				

Casing ID:

930070701

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Layer:		2				
Material:	Matorial					
Depth From:	material.	OFENHOLE				
Depth To:		150.0				
Casing Diame	eter:	6.0				
Casing Diame	eter UOM:	INCh ft				
		ii.				
<u>Results of We</u>	ell Yield Testing					
Pumping Tes	t Method Desc:	BAILER				
Pump Test ID	2	991518633				
Static Level:		15.0				
Final Level A	fter Pumping:	50.0				
Recommende	ed Pump Depth:	90.0				
Flowing Rate	B:	10.0				
Recommende	ed Pump Rate:	5.0				
Levels UOM:	-	ft				
Rate UOM:	Hox Toot Cada	GPM 2				
Water State A	itter Test Code:					
Pumping Tes	t Method:	2				
Pumping Dur	ation HR:	1				
Pumping Dur	ation MIN:	0 No				
riowing.		NO				
<u>Draw Down 8</u>	Recovery					
Pump Test D	etail ID:	934103945				
Test Type:		Draw Down				
Test Level:		50.0				
Test Level UC	DM:	ft				
<u>Draw Down 8</u>	Recovery					
Pump Test D	etail ID:	934899470				
Test Type:		Draw Down				
Test Duration		50.0				
Test Level UC	DM:	ft				
	_					
Draw Down &	Recovery	00.10=00=0				
Pump Test De	etail ID:	934379950 Draw Down				
Test Type: Test Duration	, -	30				
Test Level:	-	50.0				
Test Level UC	DM:	ft				
<u>Draw Down &</u>	Recovery					
Pump Test D	etail ID:	934649931				
Test Type:		Draw Down				
Test Duration	12	45 50 0				
Test Level: Test Level II	DM:	ft				
	<u>-</u>					
138	erisinfo.com En	vironmental Risk Info	rmation Service	S	Order No: 24060700	322

Map Key Number Records	of Direction/ S Distance (m)	Elev/Diff (m)	Site		DB
Water Details					
Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UON	933475385 1 1 FRESH 140.0 M : ft				
<u>16</u> 1 of 1	NW/182.6	122.9/0.08	lot 22 con 9 ON		wwis
Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatin Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:	1502583 Domestic 0 Water Supply GOULBOURN TOW	'NSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 02/20/1962 TRUE 3114 1 OTTAWA-CARLETON 022 09 CON	
PDF URL (Map):	https://d2khazk8e83	rdv.cloudfront.ne	t/moe_mapping/downloads	/2Water/Wells_pdfs/150\1502583.pdf	
Additional Detail(s) (Map	<u>o)</u>				
Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: X: Y: Path:	04/28/1961 1961 40.2336 45.2427409305464 -75.9131967519472 -75.9131965905621 45.24274092420846 150\1502583.pdf	1			
Bore Hole Information					
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 S Improvement Location M Source Revision Comme	10024626 04/28/1961 Original Pre1985 UT Source: Method: ent:	⁻ M Rel Code 5: n	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: nargin of error : 100 m - 300	18 428330.70 5010322.00 5 margin of error : 100 m - 300 m p5 0 m	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Supplier Con	nment:					
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval					
Formation ID Layer: Color: General Colo	: r:	930994842 1				
Material 1: Material 1 De Material 2: Material 2 De Material 3:	sc: sc:	02 TOPSOIL				
Material 3 De Formation To Formation Er Formation Er	sc: op Depth: od Depth: od Depth UOM:	0.0 18.0 ft				
<u>Overburden a</u> Materials Inte	and Bedrock erval					
Formation ID Layer: Color: General Colo Material 1: Material 1 De Material 2: Material 2 De Material 3:	: r: sc: sc:	930994843 2 GREY 15 LIMESTONE				
Material 3 De Formation To Formation Er Formation Er	sc: p Depth: nd Depth: nd Depth UOM:	18.0 132.0 ft				
<u>Method of Co</u> <u>Use</u>	nstruction & Well					
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: I Construction:	961502583 1 Cable Tool				
<u>Pipe Informa</u>	<u>tion</u>					
Pipe ID: Casing No: Comment: Alt Name:		10573196 1				
<u>Construction</u>	Record - Casing					
Casing ID: Layer: Material: Open Hole or Depth From:	Material:	930042032 1 1 STEEL				
Depth To: Casing Diam Casing Diam Casing Depth	eter: eter UOM: n UOM:	22.0 4.0 inch ft				

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Clear/Cloudy Municipality: Site Info:	:	GOULBOURN TOW	/NSHIP	UTM Reliability:		
PDF URL (Ma	ıp):	https://d2khazk8e83	Brdv.cloudfront.ne	et/moe_mapping/downlo	pads/2Water/Wells_pdfs/150\1502582.pdf	
Additional De	etail(s) (Map)					
Well Complet Year Comple Depth (m): Latitude: Longitude: X: Y: Path:	ted Date: ted:	01/31/1961 1961 19.812 45.2392389186162 -75.9121213658246 -75.9121212054116 45.2392389121271 150\1502582.pdf	5 55 14			
Bore Hole Inf	ormation					
Bore Hole ID: DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Location Met Elevrc Desc: Location Sou Improvement Source Revis Supplier Con	: 100246 s: ted: 01/31/1 hod Desc: trce Date: t Location Source: t Location Method: sion Comment: ment:	961 Original Pre1985 U	TM Rel Code 5: r	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: margin of error : 100 m -	18 428410.70 5009932.00 5 margin of error : 100 m - 300 m p5 - 300 m	
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval					
Formation ID Layer: Color: General Colo Material 1: Material 1 De Material 2 Material 2 De Material 3 Material 3 De Formation Te Formation Er	: sc: sc: sc: p Depth: nd Depth UOM:	930994840 1 11 GRAVEL 0.0 25.0 ft				
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval					
Formation ID Layer: Color: General Colo Material 1: Material 1 De	: r: sc:	930994841 2 2 GREY 15 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: Formation End Depth UOM [.]	65.0 ft			
	it.			
<u>Method of Construction & Well</u> <u>Use</u>				
Method Construction ID:	961502582			
Method Construction Code: Method Construction:	1 Cable Tool			
Other Method Construction:				
Pipe Information				
Pipe ID:	10573195			
Casing No:	1			
Alt Name:				
Construction Record - Casing				
Casing ID:	930042030			
Layer: Matorial:	1			
Open Hole or Material:	STEEL			
Depth From:				
Depth To: Casing Diamotor:	25.0			
Casing Diameter UOM:	inch			
Casing Depth UOM:	ft			
Construction Record - Casing				
Casing ID:	930042031			
Layer: Motoriali	2			
Open Hole or Material:	4 OPEN HOLE			
Depth From:				
Depth To: Casing Diameter:	65.0 4 0			
Casing Diameter UOM:	inch			
Casing Depth UOM:	ft			
Results of Well Yield Testing				
Pumping Test Method Desc:	PUMP			
Pump Test ID: Pump Set At:	991502582			
Static Level:	18.0			
Final Level After Pumping:	20.0			
Recommended Pump Depth:	20.0			
Fumping Rate: Flowing Rate:	5.0			
Recommended Pump Rate:	5.0			
Levels UOM: Boto UOM:	ft			
Rate 00m: Water State After Test Code:	3 - M			
Water State After Test:	CLEAR			

Мар Кеу	Number Records	of S	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Tes Pumping Dur Pumping Dur Flowing:	at Method: ration HR: ration MIN:		1 0 30 No			
Water Details	i					
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOI	Л:	933455381 1 1 FRESH 65.0 ft			
<u>18</u>	1 of 1		S/234.8	124.9/2.08	ON	BORE
Develore ID:		600450				No
Borehole ID: OGF ID: Status: Type: Use: Completion D Static Water I Primary Wate Sec. Water Us Total Depth n Depth Ref: Depth Elev: Drill Method: Orig Ground Elev Reliabil I DEM Ground Concession: Location D: Survey D:	Date: Level: er Use: se: n: Elev m: Note: Elev m:	609450 21551106 Borehole JAN-1961 -2.4 19.8 Ground S 125 126	6 urface		Inclin FLG: SP Status: Surv Elev: Piezometer: Primary Name: Municipality: Lot: Township: Latitude DD: Longitude DD: UTM Zone: Easting: Northing: Location Accuracy: Accuracy:	No Initial Entry No No 45.239238 -75.912121 18 428411 5009932 Not Applicable
Comments:						
<u>Borehole Geo</u>	ology Strat	<u>um</u>				
Geology Stra Top Depth: Bottom Depth Material Colo Material 1: Material 2: Material 2: Material 4: Gsc Material 4 Stratum Desc	tum ID: h: r: Description cription:	21838325 0 7.6 Gravel n:	GRAVEL.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Coole - Of		0400000			Mat On main farmers	
Geology Stra Top Depth: Bottom Depth Material Colo Material 1: Material 2: Material 3: Material 4: Gsc Material	tum ID: h: br: Description	21838325 7.6 19.8 Grey Limestone			Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Stratum Desc	cription:		records provided by	r. 00065. 00040E the department h	AI 418.0 FEET. 17500. 00 nave a truncated [Stratum Do	106 SEISMIC VELOCITY = 1 **Note: Many escription] field.

Map Key	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
<u>Source</u>							
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details Confiden 1:	5:	Data Surv Geologica 1956-197	rey al Survey of Canad 2 Urban Geology Au File: OTTAWA1.tx	a Itomated Informatio t RecordID: 01958	Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: on System (UGAIS) NTS_Sheet:	Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level	
Source List							
Source Identifi Source Type: Source Date: Scale or Resol Source Name: Source Origina	ier: lution: ators:	1 Data Surv 1956-197 Varies	rey 2 Urban Geology Au Geological Survey	utomated Informatio	Horizontal Datum: Vertical Datum: Projection Name: on System (UGAIS)	NAD27 Mean Average Sea Level Universal Transverse Mercator	
<u>19</u>	1 of 1		S/235.1	124.9 / 2.08	lot 22 con 9 ON		WWIS
Well ID: Construction I Use 1st: Use 2nd: Final Well Stat Water Type: Casing Materia Audit No: Tag: Constructn Me Elevation (m): Elevatn Reliab Depth to Bedro Well Depth: Overburden/Bo Pump Rate: Static Water Lo Clear/Cloudy: Municipality: Site Info:	Date: tus: al: ethod: wilty: ock: edrock: evel:	1513858 Domestic Water Su	oply GOULBOURN TC	WNSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 02/11/1974 TRUE 4847 1 OTTAWA-CARLETON 022 09 CON	
PDF URL (Map	o):		https://d2khazk8e	83rdv.cloudfront.ne	et/moe_mapping/downloads	s/2Water/Wells_pdfs/151\1513858.pdf	
Additional Det Well Complete Year Complete Depth (m): Latitude: Longitude: X: Y: Path:	<u>ail(s) (Map</u> ed Date: ed:	ע	11/29/1973 1973 21.336 45.239242580572 -75.91166274707 -75.91166258596 45.239242574553 151\1513858.pdf	4 43 598 52			
Bore Hole ID:	<u>n mation</u>	10035840)		Elevation:		
DP2BR: Spatial Status:	:				Elevrc: Zone:	18	
145	erisinfo.co	<u>m</u> Envire	onmental Risk In	formation Servic	es	Order No: 24060	0700322

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Location Metl Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Com	c: ed: 11/29/19 nod Desc: rce Date: Location Source: Location Method: ion Comment: ment:	973 Original Pre1985 UT	M Rel Code 4: I	East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: margin of error : 30 m - 100 m	428446.70 5009932.00 4 margin of error : 30 m - 100 m p4	
<u>Overburden a</u> Materials Inte	<u>nd Bedrock</u> rval					
Formation ID: Layer: Color: General Coloi Material 1: Material 1 Des Material 2 Material 2 Des Material 3 Des Formation To Formation En Formation En	r: sc: sc: p Depth: d Depth: d Depth UOM:	931024658 2 2 GREY 15 LIMESTONE 23.0 70.0 ft				
<u>Overburden a</u> Materials Inte	nd Bedrock rval					
Formation ID: Layer: Color: General Coloi Material 1: Material 1 Des Material 2 Des Material 3 Material 3 Des Formation To Formation En	r: SC: SC: SC: p Depth: d Depth: d Depth UOM:	931024657 1 31 COARSE GRAVEL 0.0 23.0 ft				
<u>Method of Co</u> <u>Use</u>	nstruction & Well					
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: Construction:	961513858 1 Cable Tool				
<u>Pipe Informat</u> Pipe ID: Casing No: Comment: Alt Name:	<u>ion</u>	10584410 1				

_

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID:	934380289
Test Type:	Draw Down
Test Duration:	30
Test Level:	16.0
Test Level UOM:	ft

Draw Down & Recovery

934898752
Draw Down
60
18.0
ft

Draw Down & Recovery

Pump Test Detail ID:	934099632
Test Type:	Draw Down
Test Duration:	15
Test Level:	15.0
Test Level UOM:	ft

Draw Down & Recovery

Pump	Test Detail ID:
Test T	ype:

934641281 Draw Down

Map Key Number Records	r of Direction/ s Distance (r	Elev/Diff n) (m)	Site		DB
Test Duration: Test Level: Test Level UOM:	45 17.0 ft				
Water Details					
Water ID: Layer: Kind Code: Kind: Water Found Depth: Water Found Depth UOI	933469597 1 1 FRESH 50.0 M : ft				
20 1 of 4	S/245.2	125.7 / 2.92	lot 22 con 9 ON		wwis
Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatin Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info: PDF URL (Map): Additional Detail(s) (Map Well Completed Date: Year Completed: Depth (m): Latitude: Longitude: X: Y:	1516553 Domestic 0 Water Supply GOULBOURN T https://d2khazk8 p) 05/10/1978 1978 31.6992 45.2391418470 -75.9118777333 -75.9118775716 45.23914184013	TOWNSHIP Be83rdv.cloudfront.n 1722 1128 11556 3863	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 07/12/1978 TRUE 3644 1 OTTAWA-CARLETON 022 09 CON	
Bore Hole Information					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Location Method Desc:	10038464 05/10/1978 Original Pre198	5 UTM Rel Code 4: I	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: margin of error : 30 m - 100	18 428429.70 5009921.00 4 margin of error : 30 m - 100 m p4 m	
Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
---	--	---	------------------	------	----
Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Com	rce Date: Location Source: Location Method: ion Comment: ment:				
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval				
Formation ID: Layer: Color: General Color Material 1: Material 1 De: Material 2: Material 2 De:	r: sc: sc:	931032488 2 GREY 15 LIMESTONE			
<i>Material 3: Material 3 Des Formation To Formation En Formation En</i>	sc: p Depth: d Depth: d Depth UOM:	29.0 104.0 ft			
<u>Overburden a</u> Materials Inte	nd Bedrock rval				
Formation ID: Layer: Color: General Color Material 1: Material 1 De: Material 2 Material 2 De: Material 3 Material 3 De: Formation To	r: sc: sc: sc: p. Depth:	931032487 1 2 GREY 28 SAND 12 STONES			
Formation Fo Formation En	d Depth: d Depth: d Depth UOM:	29.0 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: I Construction:	961516553 1 Cable Tool			
<u>Pipe Informat</u> Pipe ID: Casing No: Comment: Alt Name:	<u>ion</u>	10587034 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or	Material:	930067589 1 1 STEEL			

	Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
-	Depth From:					
	Depth To:		32.0			
	Casing Diame	eter:	6.0 inch			
	Casing Diame	eter UOM:	Incn ff			
	Casing Depth	00111.	п			
	<u>Results of We</u>	ell Yield Testing				
	Pumping Test	t Method Desc:	PUMP			
	Pump Test ID.	:	991516553			
	Pump Set At:					
	Static Level:	· · · · •	15.0			
	Final Level At	ter Pumping:	60.0			
	Recommende Pumping Patr	а ғитр Берт.	7.0			
	Flowing Rate		1.0			
	Recommende	d Pump Rate:	6.0			
	Levels UOM:		ft			
	Rate UOM:		GPM			
	Water State A	fter Test Code:	2			
	Water State A	tter Test:				
	Pumping lest	tivethoa:	1			
	Pumping Dura	ation MIN [.]	0			
	Flowina:		No			
	5					
	<u>Draw Down &</u>	<u>Recovery</u>				
	Pump Test De	etail ID:	934380901			
	Test Type:		Draw Down			
	Test Duration	:	30			
	Test Level:		60.0			
	Test Level UC	////:	π			
	<u>Draw Down &</u>	<u>Recovery</u>				
	Pump Test De	etail ID:	934641992			
	Test Type:		Draw Down			
	Test Duration	:	45			
	Test Level:		60.0			
	i est Level UC	nvi:	π			
	<u>Draw Down &</u>	<u>Recovery</u>				
	Pump Test De	etail ID:	934899894			
	Test Type:		Draw Down			
	Test Duration	:	60			
	Test Level:		60.0			
	rest Level UC	DIVI:	π			
	<u>Draw Down &</u>	<u>Recovery</u>				
	Pump Test De	etail ID:	934101187			
	Test Type:		Draw Down			
	Test Duration	:	15			
	Test Level:		60.0			
	Test Level UC	DM:	ft			
	Water Details					
	Water ID:		933472880			

r of s	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
И:	1 1 FRESH 104.0 ft				
	S/245.2	125.7/2.92	lot 22 con 9 ON		WWIS
1517928 Domestic 0 Water Suy	oply GOULBOURN TOW	INSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 10/05/1982 TRUE 1558 1 OTTAWA-CARLETON 022 09 CON	
	https://d2khazk8e83	rdv.cloudfront.ne	t/moe_mapping/downloads/2	Water/Wells_pdfs/151\1517928.pdf	
<u>p)</u>					
	05/20/1982 1982 33.528 45.2391418470722 -75.9118777333128 -75.9118775716155 45.23914184013863 151\1517928.pdf	6 3			
10039799 05/20/198) 22 Original Pre1985 UT	「M Rel Code 4: n	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: nargin of error : 30 m - 100 m	18 428429.70 5009921.00 4 margin of error : 30 m - 100 m p4	
	 of S <i>I</i>: 1517928 Domestic O Water Sup D <lid< li=""> <lid< li=""> </lid<></lid<>	of Direction/ Distance (m) 1 1 FRESH 104.0 M: ft S/245.2 1517928 Domestic 0 Water Supply GOULBOURN TOW https://d2khazk8e83 https://d2khazk8e83 p) 05/20/1982 05/20/1982 -75.911877733128 -75.911877733128 -75.911877733128 -75.911877733128 -75.911877733128 10039799 05/20/1982 05/20/1982 Original Pre1985 UT	of Direction/ Distance (m) Elev/Diff (m) 1 1 FRESH 104.0 W: ft S/245.2 1517928 Domestic 0 Water Supply GOULBOURN TOWNSHIP https://d2khazk8e83rdv.cloudfront.ne pg 05/20/1982 1982 33.528 45.2391418470722 -75.9118777333128 -75.91187757161556 45.23914184013863 151\11517928.pdf 10039799 05/20/1982 Original Pre1985 UTM Rel Code 4: m	of Direction/ Elev/Dift Site Distance (m) (m) 1	Or Direction/ Istance (m) Elev/Diff (m) Site i I FRESH 104.0 Image: Site Image: Site i S245.2 125.7/2.92 lof 22 con 9 ON Image: Site i S245.2 125.7/2.92 lof 22 con 9 ON Image: Site i S245.2 125.7/2.92 lof 22 con 9 ON Image: Site i Domestic Data Entry Status: Data Entry Status: Data Entry Status: Data Src: 1 i Data Entry Status: Data Entry Status: Omestic Image: Site i Data Entry Status: Data Entry Status: Data Entry Status: Data Entry Status: Omestic Image: Site i Data Entry Status: Data Entry Statu

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden Materials Inte	and Bedrock erval				
Formation ID):	931036779			
Layer:		2			
Color:		2 CDEV			
Material 1	or:	28			
Material 1 De	SC:	SAND			
Material 2:		13			
Material 2 De	esc:	BOULDERS			
Material 3: Material 3 De		79 PACKED			
Formation To	op Depth:	24.0			
Formation E	nd Depth:	25.0			
Formation E	nd Depth UOM:	ft			
<u>Overburden a</u> Materials Inte	<u>and Bedrock</u> erval				
Formation ID):	931036780			
Layer:		3			
Color:		2 GREV			
Material 1:	л.	15			
Material 1 De	esc:	LIMESTONE			
Material 2:		78			
Material 2 De Material 3:	esc:	MEDIUM-GRAINED			
Material 3 De	esc:				
Formation To	op Depth:	25.0			
Formation E	nd Depth:	110.0			
Formation Ei	nd Depth UOM:	π			
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID):	931036778			
Layer:		1			
Color:		6 BBOWN			
General Cold Material 1	or:	28			
Material 1 De	esc:	SAND			
Material 2:		11			
Material 2 De	esc:	GRAVEL			
Material 3: Material 3 De	SC:	PACKED			
Formation To	op Depth:	0.0			
Formation E	nd Depth:	24.0			
Formation E	nd Depth UOM:	π			
<u>Method of Co</u> <u>Use</u>	onstruction & Well	L			
Method Cons	struction ID:	961517928			
Method Cons	struction Code:	1			
Method Cons	struction:	Cable Tool			
Other Metho	a Construction:				
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID:		10588369			
152	erisinfo.com Er	vironmental Risk Info	mation Service	es	Order No: 24060700322

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No: Comment: Alt Name:		1			
<u>Construction</u>	n Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From:	r Material:	930069504 2 4 OPEN HOLE			
Casing Dian Casing Dian Casing Dept	neter: neter UOM: h UOM:	6.0 inch ft			
<u>Construction</u>	<u>n Record - Casing</u>				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Dian Casing Dian	r Material: neter: neter UOM:	930069503 1 1 STEEL 27.0 6.0 inch			
Casing Dept	n uow:	π			
<u>Results of N</u>	/ell Yield Testing				
Pumping Te. Pump Test II Pump Set At Static Level: Final Level A Recommence Pumping Rat Flowing Rate Recommence Levels UOM: Water State Water State Pumping Du Pumping Du Flowing: Draw Down	st Method Desc: D: After Pumping: led Pump Depth: te: e: led Pump Rate: st Method: st Method: ration HR: ration MIN:	PUMP 991517928 4.0 22.0 80.0 8.0 5.0 ft GPM 1 CLEAR 1 1 0 No			
Pump Test L	Detail ID:	934377168			
Test Type: Test Duratio Test Level: Test Level U	n: IOM:	Draw Down 30 22.0 ft			
Draw Down	& Recovery				
Pump Test L Test Type: Test Duratio Test Level:	Detail ID: n:	934103118 Draw Down 15 22.0			
153	erisinfo.com Env	vironmental Risk Info	ormation Service	S	Order No: 24060700322

Мар Кеу	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Test Level U	OM:		ft				
Draw Down a	<u>& Recovery</u>						
Pump Test D Test Type: Test Duratio Test Level: Test Level U	Detail ID: n: OM:		934647003 Draw Down 45 22.0 ft				
Draw Down a	<u>& Recovery</u>						
Pump Test D Test Type: Test Duration Test Level: Test Level U	Detail ID: n: OM:		934896695 Draw Down 60 22.0 ft				
Water Details	<u>s</u>						
Water ID: Layer: Kind Code: Kind: Water Found Water Found	l Depth: I Depth UOM	1:	933474526 1 FRESH 93.0 ft				
Water Details	<u>s</u>						
Water ID: Layer: Kind Code: Kind: Water Found Water Found	l Depth: I Depth UOM	1:	933474527 2 1 FRESH 101.0 ft				
<u>20</u>	3 of 4		S/245.2	125.7 / 2.92	lot 22 con 9 ON		WWIS
Well ID: Construction Use 1st: Use 2nd: Final Well St Water Type: Casing Mate Audit No: Tag: Constructn I	n Date: atus: rial: Method:	1518642 Industrial 0 Test Hole	3		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner:	1 11/23/1983 TRUE 1558 1	

County:

Concession:

Concession Name:

Easting NAD83:

Northing NAD83:

UTM Reliability:

https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518642.pdf

Lot:

Zone:

GOULBOURN TOWNSHIP

OTTAWA-CARLETON

022

09

CON

Elevation (m):

Well Depth:

Pump Rate:

Clear/Cloudy:

PDF URL (Map):

Municipality: Site Info:

Elevatn Reliabilty:

Depth to Bedrock:

Static Water Level:

Overburden/Bedrock:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Er	d Depth UOM:	ft			
<u>Overburden a</u> Materials Inte	and Bedrock erval				
Formation ID Layer: Color: General Colo Material 1: Material 1 De Material 2: Material 2 De Material 3: Material 3 De Formation Er Formation Er	: sc: sc: sc: p Depth: nd Depth: nd Depth: nd Depth UOM:	931039061 1 6 BROWN 28 SAND 11 GRAVEL 13 BOULDERS 0.0 16.0 ft			
<u>Overburden a</u> <u>Materials Inte</u>	and Bedrock erval				
Formation ID Layer: Color: General Colo Material 1: Material 2 De Material 2 De Material 3: Material 3 De Formation To Formation Er	: sc: sc: sc: p Depth: nd Depth: nd Depth UOM:	931039064 4 2 GREY 15 LIMESTONE 39.0 165.0 ft			
<u>Method of Co</u> <u>Use</u>	nstruction & Well				
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: I Construction:	961518642 2 Rotary (Convent.)			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		10589082 1			
<u>Construction</u>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame	Material: eter:	930070718 2 3 CONCRETE 165.0 6.0 inch			
Casing Diam Casing Depth	eter UOM: NUOM:	ft			

Construction Record - Casing

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

Results of Well Yield Testing

Pump Test ID:991518642Pump Set At:991518642Static Level:18.0Final Level After Pumping:60.0Recommended Pump Depth:9000000000000000000000000000000000000	Pumping Test Method Desc:	PUMP
Pump Set At:Static Level:18.0Final Level After Pumping:60.0Recommended Pump Depth:9Pumping Rate:8.0Flowing Rate:5.0Levels UOM:ftRate UOM:ftWater State After Test Code:1Vwater State After Test:CLEARPumping Duration HR:1Pumping Duration MIN:0Flowing:No	Pump Test ID:	991518642
Static Level:18.0Final Level After Pumping:60.0Recommended Pump Depth:9Pumping Rate:8.0Flowing Rate:5.0Levels UOM:ftRate UOM:GPMWater State After Test Code:1Vwater State After Test:CLEARPumping Duration HR:1Pumping Duration MIN:0Flowing:No	Pump Set At:	
Final Level After Pumping:60.0Recommended Pump Depth:8.0Pumping Rate:8.0Flowing Rate:5.0Levels UOM:ftRate UOM:GPMWater State After Test Code:1Water State After Test:CLEARPumping Test Method:1Pumping Duration HR:1Pumping Duration MIN:0Flowing:No	Static Level:	18.0
Recommended Pump Depth:Pumping Rate:8.0Flowing Rate:5.0Recommended Pump Rate:5.0Levels UOM:ftRate UOM:GPMWater State After Test Code:1Water State After Test:CLEARPumping Test Method:1Pumping Duration HR:1Pumping Duration MIN:0Flowing:No	Final Level After Pumping:	60.0
Pumping Rate:8.0Flowing Rate:5.0Flowing Rate:5.0Recommended Pump Rate:5.0Levels UOM:ftRate UOM:GPMWater State After Test Code:1Water State After Test:CLEARPumping Test Method:1Pumping Duration HR:1Pumping Duration MIN:0Flowing:No	Recommended Pump Depth:	
Flowing Rate:Recommended Pump Rate:5.0Levels UOM:ftRate UOM:GPMWater State After Test Code:1Water State After Test:CLEARPumping Test Method:1Pumping Duration HR:1Pumping Duration MIN:0Flowing:No	Pumping Rate:	8.0
Recommended Pump Rate:5.0Levels UOM:ftRate UOM:GPMWater State After Test Code:1Water State After Test:CLEARPumping Test Method:1Pumping Duration HR:1Pumping Duration MIN:0Flowing:No	Flowing Rate:	
Levels UOM:ftRate UOM:GPMWater State After Test Code:1Water State After Test:CLEARPumping Test Method:1Pumping Duration HR:1Pumping Duration MIN:0Flowing:No	Recommended Pump Rate:	5.0
Rate UOM:GPMWater State After Test Code:1Water State After Test:CLEARPumping Test Method:1Pumping Duration HR:1Pumping Duration MIN:0Flowing:No	Levels UOM:	ft
Water State After Test Code:1Water State After Test:CLEARPumping Test Method:1Pumping Duration HR:1Pumping Duration MIN:0Flowing:No	Rate UOM:	GPM
Water State After Test:CLEARPumping Test Method:1Pumping Duration HR:1Pumping Duration MIN:0Flowing:No	Water State After Test Code:	1
Pumping Test Method:1Pumping Duration HR:1Pumping Duration MIN:0Flowing:No	Water State After Test:	CLEAR
Pumping Duration HR:1Pumping Duration MIN:0Flowing:No	Pumping Test Method:	1
Pumping Duration MIN:0Flowing:No	Pumping Duration HR:	1
Flowing: No	Pumping Duration MIN:	0
	Flowing:	No

Draw Down & Recovery

Pump Test Detail ID:	934649940
Test Type:	Draw Down
Test Duration:	45
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934103954
Test Type:	Draw Down
Test Duration:	15
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934379959
Test Type:	Draw Down
Test Duration:	30
Test Level:	60.0
Test Level UOM:	ft

Draw Down & Recovery

Pump	Test Detail ID:	
Test T	ype:	

157

934899479 Draw Down

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Test Duration: Test Level: Test Level UOI	М:	60 60.0 ft				
<u>Water Details</u>						
Water ID: Layer: Kind Code: Kind: Water Found D Water Found D	Depth: Depth UOM:	933475400 1 FRESH 162.0 ft				
<u>20</u>	4 of 4	S/245.2	125.7/2.92	lot 22 con 9 ON		WWIS
Well ID: Construction I Use 1st: Use 2nd: Final Well Stat Water Type: Casing Materia Audit No: Tag: Constructn Me Elevation (m): Elevatn Reliab Depth to Bedro Well Depth: Overburden/Be Pump Rate: Static Water Lo Clear/Cloudy: Municipality: Site Info: PDF URL (Map Additional Det Well Complete Year Complete Pont (m):	1519071 Date: Domestic 0 Sus: Water Su al: ethod: ilty: ock: evel: evel: b): ail(s) (Map) ed Date: ed:	GOULBOURN TOW https://d2khazk8e83 07/18/1984 1984 45 72	/NSHIP 8rdv.cloudfront.ne	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 08/07/1984 TRUE 1558 1 OTTAWA-CARLETON 022 09 CON	
Depth (m): Latitude: Longitude: X: Y: Path: <u>Bore Hole Info</u> Bore Hole ID:	r <u>mation</u> 1004094	45.72 45.2391418470722 -75.9118777333128 -75.9118775716155 45.2391418401386 151\1519071.pdf	3 56 3	Elevation:		
DP2BR: Spatial Status: Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complete Remarks: Location Meth	: :: ed: 07/18/19 od Desc:	84 Original Pre1985 UT	۲M Rel Code 4 [.] n	Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: nargin of error : 30 m - 100 r	18 428429.70 5009921.00 4 margin of error : 30 m - 100 m p4 n	
				-		

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevrc Desc: Location Sourd Improvement L Improvement Source Revisic Supplier Comn	ce Date: .ocation Source: .ocation Method: n Comment: nent:				
Overburden an Materials Interv	<u>d Bedrock</u> /al				
Formation ID:		931040508			
Layer:		1			
Color: General Color:		Z GREY			
Material 1:		28			
Material 1 Desc	::	SAND			
Material 2: Material 2 Dec					
Material 2 Desc Material 3:		79			
Material 3 Desc	::	PACKED			
Formation Top	Depth:	0.0			
Formation End Formation End	Depth UOM:	ft			
Overburden an Materials Interv	<u>d Bedrock</u> /al				
Formation ID:		931040509			
Layer:		2			
Color: Conoral Color:		2 GREV			
Material 1:		15			
Material 1 Desc	::	LIMESTONE			
Material 2:					
Material 2 Desc Material 3: Material 3 Desc););	MEDIUM-GRAINED			
Formation Top	Depth:	25.0			
Formation End Formation End	Depth: Depth UOM:	150.0 ft			
<u>Method of Con</u> Use	struction & Well				
Method Constr	uction ID:	961519071			
Method Constr	uction Code:	1 Oabla Taal			
Method Constr Other Method (uction: Construction:	Cable Tool			
Pipe Informatio	<u>on</u>				
Pipe ID:		10589511			
Casing No: Comment: Alt Name:		1			
Construction F	Record - Casing				
Casing ID:		930071473			
Layer:		2			
Material: Open Hole or N	laterial:	4 OPEN HOLE			

_

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Depth From:		150.0				
Casing Diam	eter	6.0				
Casing Diam	eter UOM:	inch				
Casing Dept	h UOM:	ft				
<u>Construction</u>	n Record - Casing					
Casing ID:		930071472				
Layer:		1				
Open Hole o	r Material	STEEL				
Depth From:		01222				
Depth To:		28.0				
Casing Diam	eter:	6.0				
Casing Diam	heter UOM: h UOM:	incn ft				
Casing Dept	11 00m.	n				
<u>Results of W</u>	<u>/ell Yield Testing</u>					
Pumping Te	st Method Desc:	BAILER				
Pump Test II	D:	991519071				
Static Level		12.0				
Final Level A	After Pumping:	50.0				
Recommend	led Pump Depth:	75.0				
Pumping Ra	te:	10.0				
Recommend	e: led Pump Rate:	5.0				
Levels UOM		ft				
Rate UOM:		GPM				
Water State	After Test Code:					
Pumping Te	st Method:	2				
Pumping Du	ration HR:	1				
Pumping Du	ration MIN:	0				
Flowing:		No				
Draw Down	<u>& Recovery</u>					
Pump Test D	Detail ID:	934651610				
Test Type:		Draw Down				
Test Duratio	n:	45 50 0				
Test Level: Test Level U	OM:	50.0 ft				
<u>Draw Down o</u>	& Recovery					
Pump Test D	Detail ID:	934901139				
Test Type:	n.	Draw Down 60				
Test Level:		50.0				
Test Level U	OM:	ft				
Draw Down	& Recovery					
Pump Test F	Detail ID:	934381632				
Test Type:		Draw Down				
Test Duratio	n:	30				
Test Level:		40.0				
rest Level U		11				
	erisinfo.com l En	vironmental Risk Info	rmation Service	s	Order No. 240)60700322
160				~	Sider No. 240	,50,00022

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Draw Down a	& Recovery				
Pump Test D Test Type: Test Duration Test Level: Test Level U	Petail ID: n: OM:	934106891 Draw Down 15 25.0 ft			
Water Details	<u>S</u>				
Water ID: Layer: Kind Code: Kind: Water Found Water Found	l Depth: l Depth UOM:	933475947 1 FRESH 95.0 ft			
Water Details	<u>s</u>				
Water ID: Layer: Kind Code: Kind: Water Found Water Found	l Depth: I Depth UOM:	933475948 2 1 FRESH 146.0 ft			

161

Unplottable Summary

Total: 38 Unplottable sites

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

162

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

<u>Site:</u> Monarch Corporation Ottawa ON

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

<u>Site:</u> 1384341 Ontario Ltd. Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

Approved

Municipal and Private Sewage Works

5816-7G6L4M

2008 8/27/2008

<u>Site:</u> Monarch Corporation Ottawa ON

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

<u>Site:</u>	Monarch Corporation Ottawa ON		Database: CA
Certific	cate #:	4939-7GMPLQ	
Applic	ation Year:	2008	
16/	erisinfo.com Env	vironmental Risk Information Services	Order No: 24060700322



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

<u>Site:</u> 1384341 Ontario Ltd. and Monarch Corporation Ottawa ON

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

<u>Site:</u> Monarch Corporation Ottawa ON

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

Database: CA

<u>Site:</u> Monarch Corporation Ottawa ON

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

<u>Site:</u> Monarch Corporation Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:

<u>Site:</u> Monarch Corporation Ottawa ON

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

Municipal and Private Sewage Works

3859-7DCH8J

2008

4/4/2008

Approved

Site: 1384341 Ontario Ltd. Ottawa ON

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

<u>Site:</u> Monarch Corporation Ottawa ON

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

Database: CA

<u>Site:</u> Monarch Corporation Ottawa ON

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

<u>Site:</u> Monarch Construction Limited Ottawa ON

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

<u>Site:</u> 1384341 Ontario Ltd. Ottawa ON

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

<u>Site:</u> Monarch Construction Limited Ottawa ON

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

167



Database: CA

Database: CA

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

<u>Site:</u> 1048219 ONTARIO INC. WEST RIDGE ESTATES, SWM POND GOULBOURN TWP. ON

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

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

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

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

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

Database:

CA

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



Certificate #:

168





CA

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

<u>Site:</u> 1384341 Ontario Ltd. and Monarch Corporation Ottawa ON

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

<u>Site:</u> Monarch Corporation Ottawa ON

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

<u>Site:</u> Monarch Construction Limited Ottawa ON

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

Database: <mark>CA</mark>

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: **Project Description:** Contaminants: **Emission Control:**

Monarch Corporation Site: Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: **Client Address: Client City: Client Postal Code:** Project Description: Contaminants: **Emission Control:**

7843-6RLJ6M 2006 7/14/2006 Municipal and Private Sewage Works Approved

Municipal and Private Sewage Works

6872-6FHQN2 2005

8/29/2005

Approved

Site: Monarch Corporation Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: **Client City: Client Postal Code: Project Description:** Contaminants: **Emission Control:**

8421-7WKLTJ 2009 10/8/2009 Municipal and Private Sewage Works Approved

<u>Site:</u> Monarch Corporation Ottawa ON

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

170

Database: CA

Database: CA





1384341 Ontario Ltd. Site: Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: **Client Address: Client City: Client Postal Code: Project Description:** Contaminants: **Emission Control:**

9066-82RRHB 2010 2/23/2010 Municipal and Private Sewage Works Approved

> Database: CA

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: **Client City:** Client Postal Code: **Project Description:** Contaminants: **Emission Control:**

Site:

9615-7GFP2Z 2008 7/28/2008 Municipal and Private Sewage Works Approved

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

Monarch Corporation

Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: **Client City: Client Postal Code:** Project Description: Contaminants: **Emission Control:**

5929-8E3LXZ 2011 2/23/2011 Municipal and Private Sewage Works Approved

Site: Stittsville South Inc. Lots 22-24, Concession 9 Geographic Township of Goulbourn CITY OF OTTAWA 012-4520 EBR Registry No: **Decision Posted:** Ministry Ref No: MNRF INST 57/15 Exception Posted:

Notice Stage: December 16, 2015

Instrument Decision

erisinfo.com | Environmental Risk Information Services

Order No: 24060700322



Database: EBR

ON

Section:

Act 1:

Act 2:

Database: CA

171

Notice Type:

Notice Date:

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

Site Location Details:

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

Site:

Hartsmere Drive Stittsville ON

 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:

 Additional Info Ordered:
 6.95 acres

Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:

Cherry Ottawa QC 0.25 -75.905835 45.248288

<u>Site:</u> OTTAWA-CARLTON (OUT OF BUSINESS) REGIONAL ROAD #5 AT STITTSVILLE VILLAGE OTTAWA ON

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

<u>Detail(s)</u>

- - -

Waste Class:	213
Waste Class Name:	PETROLEUM DISTILLATES
Waste Class:	252
Waste Class Name:	WASTE OILS & LUBRICANTS

...

<u>Site:</u> Monarch Construction Limited ON

Ministry Ref No: 1376-84RLVW Ex	xception Posted:
Notice Type: Instrument Decision Se	ection:
Notice Stage: A	ct 1:
Notice Date: December 02, 2014 Ad	ct 2:
Proposal Date: June 28, 2010 Si	ite Location Map:
Year: 2010	-
Instrument Type: (OWRA s. 34) - Permit to Take Water	

Database:

Database:

EHS

Database:

GEN

172

Monarch Construction Limited

3584 Jockvale Road, Nepean Ontario, K2G 3H2

Site Location Details:

Site:

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** Database: STITTSVILLE MAIN ST. ESSO SERVICE STATION TANK TRUCK (CARGO) GOULBOURN TWP. ON SPL Ref No: 32340 Municipality No: 20604 Year: Nature of Damage: Discharger Report: Incident Dt: 3/20/1990 Dt MOE Arvl on Scn: Material Group: 3/20/1990 MOE Reported Dt: 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 Qtv: 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 CP BULK SYSTEMS-MAX200 L.GASOLINE TO GROUND FROM UND-GROUND TANK, DELIVERY Incident Summary: Activity Preceding Spill: Property 2nd Watershed: Property Tertiary Watershed: Sector Type: SAC Action Class: Call Report Locatn Geodata:

lot	t 22 ON	WWIS
173	erisinfo.com Environmental Risk Information Services	Order No: 24060700322

Database:

Well ID: Construction Date: Use 1st: Use 2nd:	1525843 Domestic	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src:	1
Final Well Status: Water Type: Casing Material:	Water Supply	Date Received: Selected Flag: Abandonment Rec:	11/22/1991 TRUE
Audit No: Tag: Constructo Mothod:	91580	Contractor: Form Version: Ownor:	3749 1
Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality:	GOUL BOURN TOWNSHIP	County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA-CARLETON 022
Site Info:			

Bore Hole Information

Bore Hole ID:	10047578	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/15/1991	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			

Overburden and Bedrock Materials Interval

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

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

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

933111394
1
4.0
22.0
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

<u>Site:</u>

lot 23 ON

Well ID:	1528156	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:	09/27/1994
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	147502	Contractor:	4006
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	023
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	GOULBOURN TOWNSHIP	-	
Site Info:			

Database: WWIS

Bore Hole Information

Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Metho	18 9 unknown UTM na
59 RED	
-	
60 DNE -GRAINED RED	
57 7 10 10 10 10 10 10 10 10 10 10 10	Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Metho Slicable i.e. no UTM

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

931068761
5
2
GREY
15
LIMESTONE
78
MEDIUM-GRAINED
44.0
50.0
ft

Overburden and Bedrock Materials Interval

Layer:2Color:3General Color:BLUEMaterial 1:05Material 1 Desc:CLAYMaterial 2:Material 2 Desc:
Color:3General Color:BLUEMaterial 1:05Material 1 Desc:CLAYMaterial 2:Material 2 Desc:
General Color:BLUEMaterial 1:05Material 1 Desc:CLAYMaterial 2:Material 2 Desc:
Material 1: 05 Material 1 Desc: CLAY Material 2: Material 2 Desc:
Material 1 Desc: CLAY Material 2: Material 2 Desc:
Material 2: Material 2 Desc:
Material 2 Desc:
material 2 Dest.
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

933113011
1
5.0
50.0
ft

Method of Construction & Well Use

961528156
4
Rotary (Air)

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

933487745
2
5
Not stated
114.0
ft

Site:

CO	n 9	ON
	11 3	

Well ID: Construction Date:	1531195	Flowing (Y/N): Flow Rate:		
Use 1st:	Domestic	Data Entry Status:		
Use 2nd:		Data Src:	1	
Final Well Status:	Water Supply	Date Received:	07/17/2000	
Water Type:		Selected Flag:	TRUE	
Casing Material:		Abandonment Rec:		
Audit No:	208616	Contractor:	1558	
Tag:		Form Version:	1	

180

Database: WWIS

Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	
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:			

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status:	10052729	Elevation: Elevrc: Zone: 5000	18
Code OB: Code OB Desc:		East83: North83:	
Open Hole:		Org CS:	<u> </u>
Cluster Kind:		UTMRC:	9
Date Completed:	06/21/2000	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Location Method Desc: Elevrc Desc:	Not Applicable i.e. no UTM		

Overburden and Bedrock Materials Interval

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

	004077700
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

004077705
931077795
1
6
BROWN
28
SAND
11
GRAVEL
68
DRY
0.0
8.0
ft

Overburden and Bedrock

Materials Interval

Formation ID:	931077797
Color:	3
Color:	
Meterial Color.	
Material 1:	
Material 1 Desc:	LIMESTONE
Material 2:	
Material 2 Desc:	
Material 3:	
Material 3 Desc:	40.0
Formation Top Depth:	12.0
Formation End Depth:	85.0
Formation End Depth UOM:	ft
Annular Space/Abandonment	
Sealing Record	
Plua ID:	933116369
l aver:	1
Plug From:	00
Plug To:	21.0
Plug Depth LIOM:	ft
ring Deptil Com.	it i
Method of Construction & Well	
<u>Use</u>	
Mathaal Construction ID.	064524405
Method Construction ID:	961531195
Method Construction Code:	4 Determ (A'r)
Method Construction:	Rotary (Air)
Other Method Construction:	
Pine Information	
<u>npe mornation</u>	
Pipe ID:	10601299
Casing No:	1
Comment:	
Alt Name:	
Construction Record - Casing	
o i 15	000000405
Casing ID:	930092185
Layer:	2
wateriai:	
Open Hole or Waterial:	OPEN HULE
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	π
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

182

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

933491558
1
5
Not stated
73.0
ft

<u>Site:</u>

lot 23 ON

Well ID: Construction Date:	1525460	Flowing (Y/N): Flow Rate:

Database: WWIS

Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	06/14/1991
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	91548	Contractor:	3749
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	023
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	GOULBOURN TOWNSHIP		
Site Info:			

Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	10047198	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMBC:	18
Date Completed:	05/13/1991	UTMRC Desc:	9 unknown UTM
Remarks:		Location Method:	na
Location Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc: Location Source Date: Improvement Location S	ource:		

Overburden and Bedrock Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

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

<u>Annular Space/Abandonment</u> <u>Sealing Record</u>

933111214
1
0.0
7.0
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 The MAAP Program maintains a database of abandoned pits and guarries. 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*

Provincial 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: 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: 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

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

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: 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

Automobile Wrecking & Supplies:

Aggregate Inventory:

Aboveground Storage Tanks:

Private

AGR

AAGR

Provincial

Private

Provincial

Certificates of Approval:

Dry Cleaning Facilities:

Commercial Fuel Oil Tanks:

Government Publication Date: 1985-Oct 30, 2011*

Government Publication Date: Jan 2004-Dec 2022

Please refer to those individual databases for any information after Oct.31, 2011.

tetrachloroethylene to the environment from dry cleaning facilities.

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

Tetrachloroethylene (Use in Dry Cleaning and Reporting Requirements) Regulations (SOR/2003-79) are intended to reduce releases of

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).

Chemical Manufacturers and Distributors:

Compressed Natural Gas Stations:

Compliance and Convictions:

Certificates of Property Use:

188

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

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

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

Chemical Register:

Government Publication Date: 1999-Apr 30, 2024

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

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*

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

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

Inventory of Coal Gasification Plants and Coal Tar Sites:

Provincial

CA

CDRY

Federal List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's

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

CHM

CHEM

CNG

COAL

Private

Provincial

Private

Private

Provincial

Provincial

CPU

CONV

erisinfo.com | Environmental Risk Information Services

Drill Hole Database:

Delisted Fuel Tanks:

Environmental Registry:

Environmental Activity and Sector Registry:

Government Publication Date: Oct 2023

company map; or from submitted a "Report of Work". Government Publication Date: 1886 - Aug 2023

regulatory agency under Access to Public Information.

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

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

activities with the ministry, rather than apply for an approval. The registry is available for common systems and processes, to which preset rules of

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

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:

ERIS Historical Searches:

Environmental Compliance Approval:

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 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:

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*

DRI

DTNK

Provincial

Provincial On October 31, 2011, a smarter, faster environmental approvals system came into effect in Ontario. The EASR allows businesses to register certain

Provincial

Provincial

Federal The Environmental Effects Monitoring program assesses the effects of effluent from industrial or other sources on fish, fish habitat and human usage of

Private

Federal

Provincial

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

EASR

FCA

EEM

EHS

FIIS

FBR

189

erisinfo.com | Environmental Risk Information Services

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

Government Publication Date: Apr 30, 2022

Emergency Management Historical Event:

Environmental Penalty Annual Report:

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: 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

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.

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

Government Publication Date: Oct 2023

Contaminated Sites on Federal Land:

Federal Convictions:

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*

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

These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors

in the province; this listing is a copy of previously registered tanks and facilities obtained under Access to Public Information. Includes private fuel

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:

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):

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:

190

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

Provincial This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change.

Provincial

Federal

Federal

Federal

Federal

Provincial

FST

Provincial

FMHF

EPAR

EXP

FCON

FCS

FOFT

FRST

Order No: 24060700322

Fuel Storage Tank - Historic:

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:

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

Government Publication Date: 2013-Dec 2021

Greenhouse Gas Emissions from Large Facilities:

TSSA Historic Incidents:

dioxide equivalents (kt CO2 eq).

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: 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:

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

Government Publication Date: 31 Oct, 2023

Landfill Inventory Management Ontario:

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:

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*

191

List of greenhouse gas emissions from large facilities made available by Environment Canada. Greenhouse gas emissions in kilotonnes of carbon

Federal

Provincial

HINC

Federal

Provincial

Provincial

Private



FSTH

GEN

GHG

IAFT

INC

LIMO

MINE

Provincial

Mineral Occurrences:

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):

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: 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:

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*

The Department of National Defense and the Canadian Forces maintains an inventory of spills to land and water. All spill sites have been classified

The Department of National Defense and the Canadian Forces maintains an inventory of all aboveground & underground fuel storage tanks located on

National Defense & Canadian Forces Spills:

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

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.

jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction.

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Government Publication Date: 2008-Jun 30, 2021

National Defence & Canadian Forces Waste Disposal Sites:

National Energy Board Wells:

192

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.

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

Government Publication Date: 1920-Feb 2003*

In 1974 Environment Canada established the National Analysis of Trends in Emergencies System (NATES) database, for the voluntary reporting of

Provincial

NDSP

Federal

Federal

Provincial

Federal

Federal

Federal

Federal

MNR

NATE

NDFT

NDWD

NFBI

NEBP

National Environmental Emergencies System (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:

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.

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: 1988-2008*

National Pollutant Release Inventory 1993-2020:

Government Publication Date: Sep 2020

National Pollutant Release Inventory - Historic: 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

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

Ontario Oil and Gas Wells: 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.

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

Government Publication Date: 1800-Aug 2023

Government Publication Date: 1988-Feb 29. 2024

Inventory of PCB Storage Sites:

Oil and Gas Wells:

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

is updated on a monthly basis. More information is available at www.nickles.com.

Orders: 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

193

Federal

NPCB

NPR2

NPRI

OGWE

OOGW

OPCB

NFFS

Federal

Federal

Private

Federal

Provincial

Provincial

Provincial

ORD

Order No: 24060700322

Private

Federal

PCFT

PFCH

PFHA

PINC

PRT

PTTW

Provincial

Federal

Federal

Provincial

Provincial

Provincial

Provincial

Government Publication Date: 1989-1996*

Permit to Take Water:

Ontario Regulation 347 Waste Receivers Summary:

RFC 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

Canadian Pulp and Paper: 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:

Government Publication Date: 1920-Jan 2005*

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.

Pesticide Register: 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

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

NPRI Reporters - PFAS Substances:

Potential PFAS Handlers from NPRI:

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

List of pipeline incidents (strikes, leaks, spills). This is not a comprehensive or complete inventory of pipeline incidents in the province; this listing in an historical copy of records previously obtained under Access to Public Information. Records are not verified for accuracy or completeness. Government Publication Date: Feb 28, 2021

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).

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

194

Pipeline Incidents:

Private and Retail Fuel Storage Tanks:

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

Retail Fuel Storage Tanks:

Ontario Spills:

Record of Site Condition:

or propane storage tanks. Government Publication Date: 1999-Apr 30, 2024

Government of Ontario states that it is not responsible for the accuracy of the information in this Registry.

Scott's Manufacturing Directory:

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.

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

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 Publication Date: 1992-Mar 2011*

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:

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: 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.

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

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: 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

Provincial

RSC

RST

SCT

SPL

SRDS

TCFT

VAR

Private

Private

Provincial

Provincial

Private

Federal

Provincial

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:

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

Waste Disposal Sites - MOE CA Inventory:

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

Provincial

196

Provincial

WDS

WWIS

WDSH

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.

<u>Map Key:</u> 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.'

<u>Unplottables:</u> 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





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.