

Phase I – Environmental Site Assessment Update

5970 & 6038 Ottawa Street
Ottawa, Ontario

Prepared for Taggart Group of Companies

Report: PE4097-2
December 6, 2024

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EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Taggart Group of Companies to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for 5970 & 6038 Ottawa 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 has never been formally developed and has been partially used for agricultural purposes since at least 1950. No environmental concerns were identified with respect to the historical use of the Phase I Property.

The neighbouring lands within the Phase I Study Area have historically consisted of agricultural lands or have been developed for residential and commercial purposes. Some off-site potentially contaminating activities were identified on properties situated within the Phase I Study Area, however, due to either their separation distances or their inferred down or cross-gradient orientation with respect to the anticipated groundwater flow to the west, none of these historical off-site activities are considered to have had the potential to impact the Phase I Property.

Following the historical review, a site inspection was conducted on November 29, 2024 to assess the present-day conditions of the Phase I Property and adjacent lands. At the time of the site inspection, the Phase I Property was vacant and partially used for agricultural purposes. No environmental concerns were identified with respect to the current use of the Phase I Property.

Some off-site potentially contaminating activities were identified on properties situated within the Phase I Study Area, however, due to either their separation distances or their inferred down or cross-gradient orientation with respect to the anticipated groundwater flow to the west, none of these existing off-site activities are considered to have had the potential to impact the Phase I Property.

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

1.0 INTRODUCTION

At the request of Taggart Group of Companies (Taggart), Paterson Group (Paterson) conducted a Phase I – Environmental Site Assessment (Phase I ESA) for 5970 & 6038 Ottawa 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 Update by Ms. Sarah Al Hajjar of Taggart Investments, who can be reached by telephone at 613-805-3577.

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: 5970 & 6038 Ottawa Street, Ottawa, Ontario.

Location: The subject site is located on the west side of Eagleson Road, south of Ottawa Street, in the Village of Richmond (Ottawa), Ontario. Refer to Figure 1 – Key Plan, for the site location context.

Latitude and Longitude: 45° 11' 10" N, 75° 49' 03" W.

Site Description:

Configuration: Rectangular.

Area: 60 hectares (approximately).

Zoning: RG – Rural General Industrial Zone

Current Use: The Phase I Property is currently undeveloped and used for agricultural purposes.

Services: The Phase I Property and much of the neighbouring lands are not currently serviced. Some potable water wells are known to exist within the area.

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

According to the available historical information, the subject site has never been formally developed. The subject site has remained vacant or used for agricultural purposes since at least 1950.

Fire Insurance Plans

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

City of Ottawa Street Directories

City of Ottawa street directories were reviewed in approximate 10-year intervals between 1980 to 2011 for the general area of the Phase I Property as part of this assessment. These directories contain a list of historical occupants of the Phase I Property and the properties situated within the Phase I Study Area.

From 1980 to 2011, the subject site was not listed in the directories, though it is possible that the property was formerly listed under a different address.

The surrounding properties within the Phase I Study Area were historically listed as a combination of residential, agricultural, and commercial properties. Potentially contaminating activities identified in the Phase I Study Area are summarized below in Table 1:

Table 1 City Directories PCAs Identified in Phase I Study Area			
Address	Potentially Contaminating Activity (Years Listed)	Distance / Orientation from Site	Area of Potential Environmental Concern (Y / N)
3835 McBean Street	Sheet Metal Facility (2000)	70 m West	N
3837 McBean Street	Haulage and Equipment Rental (2011)	70 m West	N
3839 McBean Street	Automotive Service Garage (2000)	70 m West	N
3855 McBean Street	Charterunys Transportation Ltd. (2000)	Adjacent West	N
5949 Ottawa Street	Automotive Service Garage (2000-2011)	50 m North	N

Based on a review of the directories, several historical potentially contaminating activities were identified within the Phase I Study Area. Due to their separation distances, as well as their inferred cross-gradient orientation with respect to the anticipated groundwater flow to the west, none of these historical off-site activities are considered to have had the potential to impact the Phase I Property.

Plan of Survey

A plan of survey was not provided for the Phase I Property as part of this assessment. The property boundaries are viewed as presented on the City of Ottawa's mapping website, GeoOttawa.

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 other information from the records review satisfies the objectives of the records review and a title search back to the date of the first developed use would not contribute to obtaining information about the environmental condition of the phase one property

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 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 from the MECP, received on August 30, 2017, indicated that no records were identified pertaining to the Phase I Property.

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 from the MECP, received on August 30, 2017, indicated that no records were identified pertaining to the Phase I Property.

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 from the MECP, received on August 30, 2017, indicated that no records were identified pertaining to the Phase I Property.

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 from the MECP, received on August 30, 2017, indicated that no records were identified pertaining to the Phase I Property.

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 as part of this assessment. This database contains publicly available information on Records of Site Condition (RSCs) filed in the Province of Ontario since 2004.

A review of the database did not identify any Records of Site Condition (RSCs) filed for the Phase I Property or any properties in 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, 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 for select properties within the Phase I Study Area:

The response from the TSSA indicated that no records were identified pertaining to the Phase I Property.

Records were returned for the property addressed 3855 McBean Street, located adjacent to the west of the Phase I Property, regarding the presence of a private fuel outlet with three underground fuel tanks. The records are associated with a Laidlaw Transit school bus parking lot. According to the record, the underground fuel storage tanks were installed in 1991 and have a combined fuel capacity for 59,000 L of diesel fuel. Based on a review of aerial photographs, as well as observations made during the site inspection, it is our opinion that the underground fuel storage tanks have been removed from the property and the private fuel outlet no longer active.

A copy of the correspondence with the TSSA is included in Appendix 2.

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 March 4, 2021, which did not identify any activities with respect to the Phase I Property. Several activities were identified on other properties situated within the Phase I Study Area, however, based on their separation distances as well as their down or cross-gradient orientations with respect to the anticipated groundwater flow to the west, none of these off-site activities are considered to pose an environmental concern to the Phase I Property.

A copy of the HLUI response has been included in Appendix 2.

ERIS Database Report

A database report, prepared by ERIS (Environmental Risk Information Services Ltd.), dated December 23, 2020, 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 water well record pertaining to the Phase I Property. Upon further review of this record, it was determined that this well is not physically situated on the subject site, and instead pertains to a domestic water supply well situated on 6072 Ottawa Street.

❑ Off-Site Records:

The ERIS report identified 193 records associated with properties situated within the Phase I Study Area. The majority of these records pertain to properties located to the north and west of the Phase I Property, along Ottawa Street and McBean Street, respectively. Due to their significant distances and down-gradient orientation with respect to the anticipated groundwater flow to the west, these properties are not considered to pose an environmental concern to the subject site.

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:

1950	The Phase I Property appears to be undeveloped and used for agricultural purposes at this time. A railway line can be seen to the north of the property and farmsteads can be seen along Ottawa Street to the north, Eagleson Road to the east, and McBean Street to the west.
1959	No significant changes are apparent with respect to the Phase I Property since the time of the previous aerial photograph. Additional residential development can be seen to the northwest of the Phase I Property, along Ottawa Street.
1978	No significant changes are apparent with respect to the Phase I Property since the time of the previous aerial photograph. Additional residential development can be seen to the northwest of the Phase I Property, along Ottawa Street and King Street.
1985	No significant changes are apparent with respect to the Phase I Property since the time of the previous aerial photograph. Additional residential development and a school can be seen further to the northwest of the Phase I Property.
1991	No significant changes are apparent with respect to the Phase I Property since the time of the previous aerial photograph. The lands along McBean Street to the west appear to be developed for commercial purposes.
2005	The western portion of the Phase I Property no longer appears to be used for agricultural purposes, with treed areas now visible throughout this portion of the site. No significant changes are apparent with respect to the neighbouring properties since the time of the previous aerial photograph.
2014	No significant changes are apparent with respect to the Phase I Property or the neighbouring lands since the time of the previous aerial photograph.

2019 No significant changes are apparent with respect to the Phase I Property or the neighbouring lands since the time of the previous aerial photograph. The Phase I Property and neighbouring 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 dolostone of the Oxford Formation. The surficial geology consists of offshore marine sediment deposits (clay and silt), with an overburden ranging from approximately 5 m to 10 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 90 m above sea level, while the regional topography within the greater area is depicted as being generally flat.

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

A small drainage creek is present in the northern portion of the Phase I Property, which transects the site in an east-west orientation.

The next nearest water body with respect to the Phase I Property is the Jock River, situated approximately 700 m to the north 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 90 well records within the Phase I Study Area, which pertain to wells used for agricultural, domestic, or groundwater observation purposes. It is our understanding that many viable potable water wells remain in use within the area.

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

5.0 INTERVIEWS

Former Property Owner Representative

Ms. Jessica Schouten, a representative of Schouten Corner View Farms Ltd. and member of the family which formerly owned much of the Phase Property, was contacted via email to inquire about the environmental history of the Phase I Property.

According to Ms. Schouten, her family's farm had previously owned much of the Phase I Property since the early 1990's, during which time the land had been solely used for agricultural purposes. To her knowledge, no permanent buildings or structures were ever constructed on the Phase I Property prior to or during her family's ownership of the lands.

Ms. Schouten stated that she was unaware of any instances of fuel and/or chemical spills occurring anywhere on the property and that she was unaware of any other potential environmental concerns with respect to the historical or current use of the Phase I Property or adjacent lands.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

A site visit was conducted for the Phase I Property on November 29, 2024, between 2:00 PM and 3:00 PM. Weather conditions were clear, with a temperature of approximately 2 °C. Mr. Nick Sullivan, from the Environmental Department of Paterson Group, conducted the visit. 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 vacant of any buildings or structures and consists of an agricultural crop field in the eastern half of the site as well as grassland with some trees in the western half of the site.

The site topography is considered to be generally flat, consistent with that of the greater regional topography. The Phase I Property is considered to be at grade with respect to the adjacent roads and surrounding properties.

Water drainage on the Phase I Property occurs primarily via infiltration through the site, via sheet flow towards a drainage creek in the northern portion of the site, and via drainage ditches present along the adjacent roads. No, 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 PE4097-1 – Site Plan, in the Figures section of this report.

Buildings and Structures

No buildings or structures are currently present on the Phase I Property.

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 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 Phase I Property.

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

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

☐ **Waste Management**

At the time of the site inspection, no waste products were observed to be generated, stored, or disposed of 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: Residential dwellings and a railway line, followed by Ottawa Street.

East: Eagleson Road, followed by agricultural land and farmhouses.

South: Agricultural land.

West: Commercial businesses, followed by McBean Street.

Some potentially contaminating activities were identified within the Phase I Study Area, particularly along McBean Street to the west of the Phase I Property. Based on their separation distances, as well as their down or cross gradient orientation with respect to the anticipated groundwater flow to the west, none of these activities are considered to pose an environmental concern to the Phase I Property.

The neighbouring land use within the Phase I Study Area is depicted on Drawing PE4079-2 – 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 2.

Table 2 Land Use History 5970 & 6038 Ottawa Street, Ottawa, Ontario			
Time Period	Land Use	Description	Observations
Prior to 1950	Unknown Use	Unknown	No historical information available prior to this time period.
1950-Present	Agricultural Use	Vacant	Aerial photographs from 1950 to 2018, as well as a site inspection and personal interviews, confirm the use of the Phase I Property for agricultural purposes during this time period.

Potentially Contaminating Activities (PCAs)

Based on the findings of the Phase I ESA, no potentially contaminating activities (PCAs), resulting in areas of potential environmental concern (APECs), were identified on the Phase I Property.

Some existing and historical off-site PCAs were identified on properties situated within the Phase I Study Area, however, due to either their separation distances or their inferred down or cross-gradient orientation with respect to the anticipated groundwater flow to the west, none of these off-site activities are considered to have had the potential to impact the Phase I Property.

Areas of Potential Environmental Concern (APECs)

Based on the findings of this Phase I ESA, no areas of potential environmental concern were identified on the Phase I Property.

Contaminants of Potential Concern (CPCs)

Based on the findings of this Phase I ESA, no contaminants of potential concern 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 dolostone of the Oxford Formation. The surficial geology consists of offshore marine sediment deposits (clay and silt), with an overburden ranging from approximately 5 m to 10 m.

Groundwater is anticipated to be encountered within the overburden and flow in a westerly direction towards the Jock River.

Water Bodies and Areas of Natural and Scientific Interest

No areas of natural and scientific interest are present within the Phase I Study Area.

A small drainage creek is present in the northern portion of the Phase I Property, which transects the site in an east-west orientation.

The next nearest water body with respect to the Phase I Property is the Jock River, situated approximately 700 m to the north of the Phase I Property.

Drinking Water Wells

It is our understanding that the majority of properties situated within the Phase I Study Area contain viable potable water wells.

Existing Buildings and Structures

No buildings or structures are currently present on the Phase I Property.

Current and Future Property Use

The Phase I Property is currently vacant and used for agricultural purposes.

It is our understanding that the Phase I Property is to be redeveloped with a residential subdivision.

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, commercial, and agricultural properties. Current land use is depicted on Drawing PE4079-2 – 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), considered to result in areas of potential environmental concern (APECs), were identified on the Phase I Property.

Some existing and historical off-site PCAs were identified on properties situated within the Phase I Study Area, however, due to either their separation distances or their inferred down or cross-gradient orientation with respect to the anticipated groundwater flow to the west, none of these off-site activities are considered to have had the potential to impact the Phase I Property.

Contaminants of Potential Concern

Based on the findings of this Phase I ESA, no contaminants of potential concern 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 were 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 Taggart Group of Companies to conduct a Phase I – Environmental Site Assessment (Phase I ESA) for 5970 & 6038 Ottawa 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 has never been formally developed and has been partially used for agricultural purposes since at least 1950. No environmental concerns were identified with respect to the historical use of the Phase I Property.

The neighbouring lands within the Phase I Study Area have historically consisted of agricultural lands or have been developed for residential and commercial purposes. Some off-site potentially contaminating activities were identified on properties situated within the Phase I Study Area, however, due to either their separation distances or their inferred down or cross-gradient orientation with respect to the anticipated groundwater flow to the west, none of these historical off-site activities are considered to have had the potential to impact the Phase I Property.

Following the historical review, a site inspection was conducted on November 29, 2024 to assess the present-day conditions of the Phase I Property and adjacent lands. At the time of the site inspection, the Phase I Property was vacant and partially used for agricultural purposes. No environmental concerns were identified with respect to the current use of the Phase I Property.

Some off-site potentially contaminating activities were identified on properties situated within the Phase I Study Area, however, due to either their separation distances or their inferred down or cross-gradient orientation with respect to the anticipated groundwater flow to the west, none of these existing off-site activities are considered to have had the potential to impact the Phase I Property.

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

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 Taggart Group of Companies. Permission and notification from Taggart Group of Companies and Paterson Group will be required prior to the release of this report to any other party.

Paterson Group Inc.



Nick Sullivan, B.Sc.



Mark D'Arcy, P.Eng., QP_{ESA}



Report Distribution:

- ☐ Taggart Group of Companies.
- ☐ Paterson Group Inc.

10.0 REFERENCES

Federal Records

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

Provincial Records

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

Municipal Records

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

Local Information Sources

- ☐ Personal Interviews.
- ☐ Previous Engineering Reports.

Public Information Sources

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

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE4079-1– SITE PLAN

DRAWING PE4079-2 – SURROUNDING LAND USE PLAN

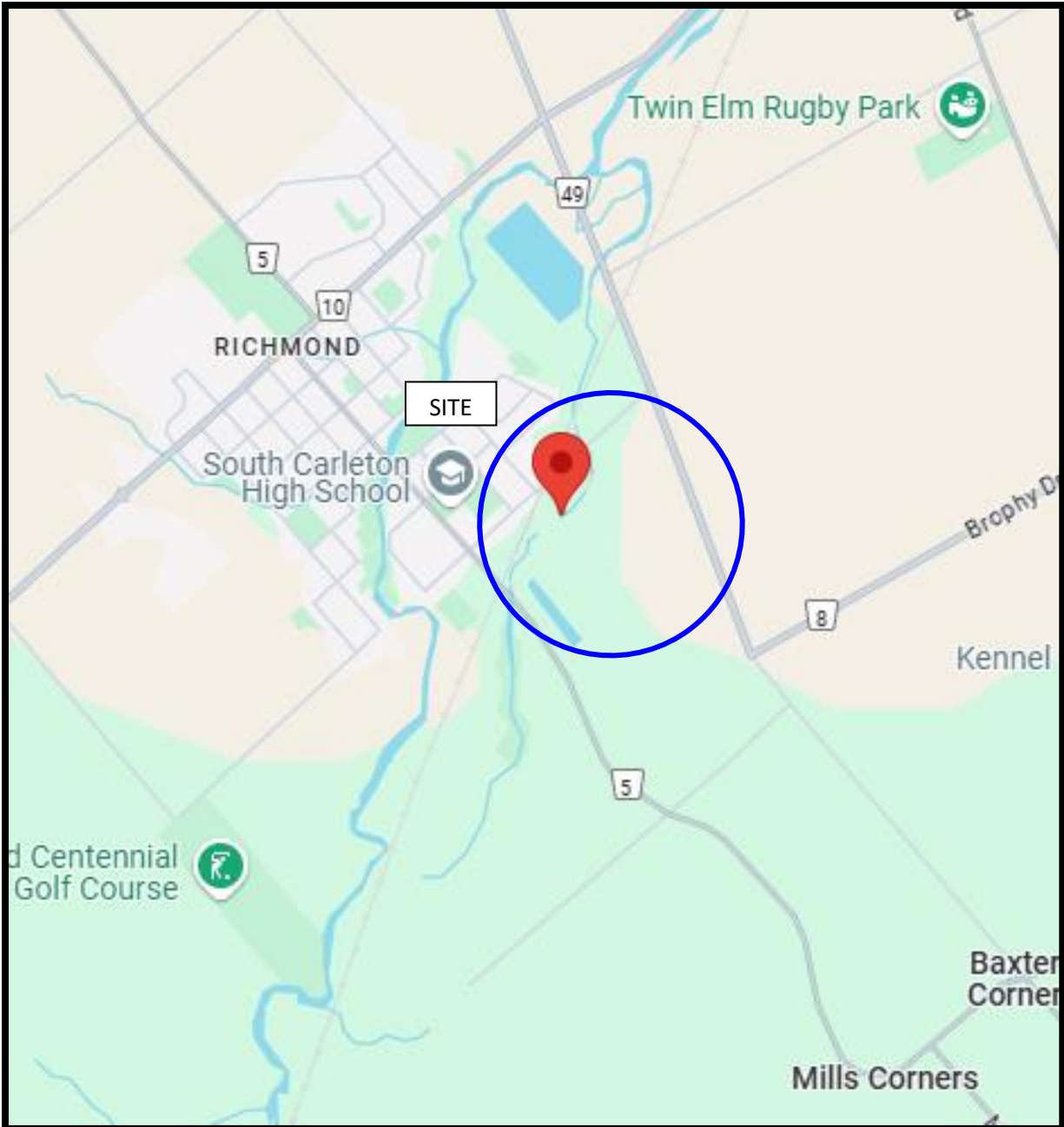


FIGURE 1
KEY PLAN

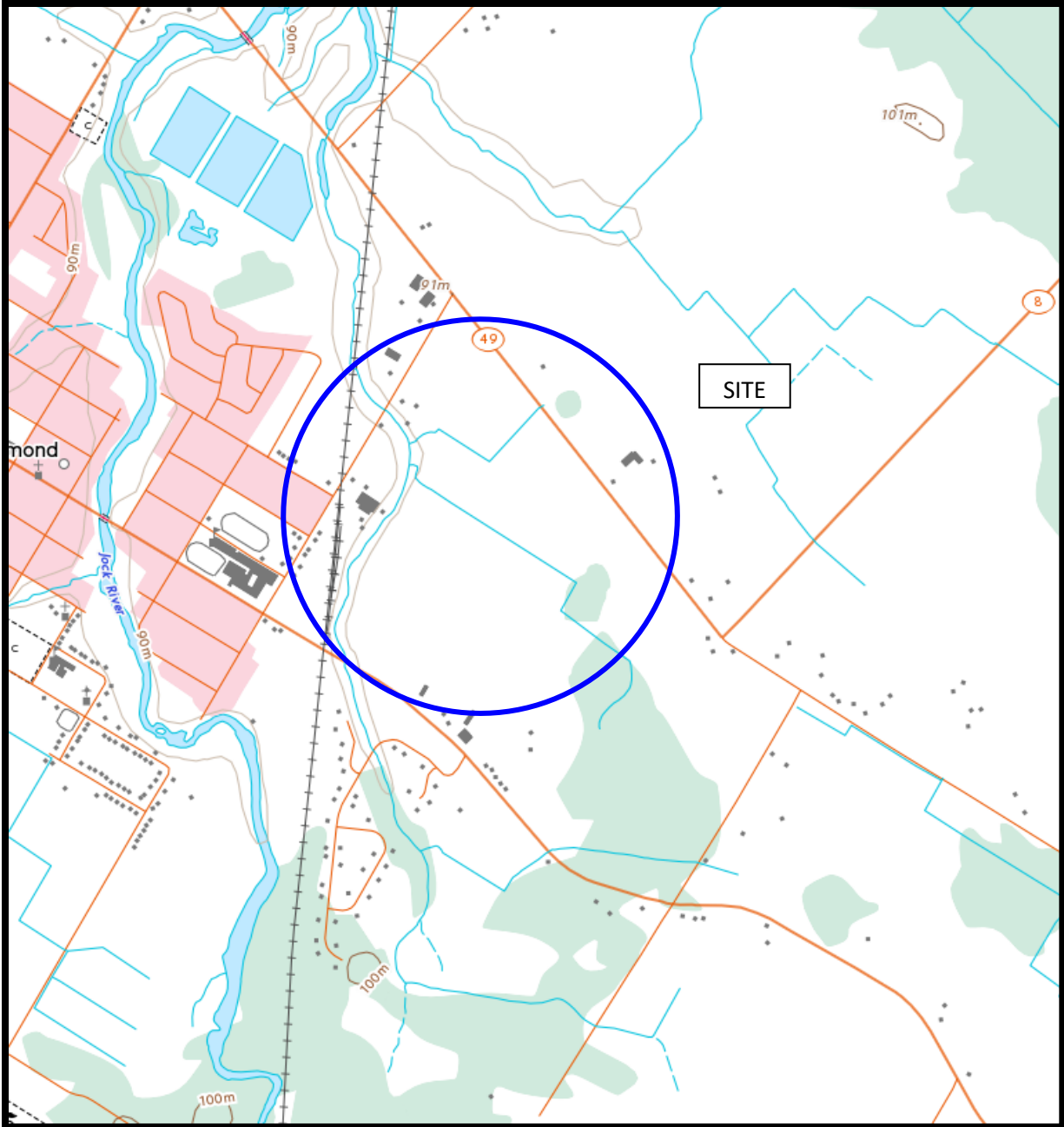
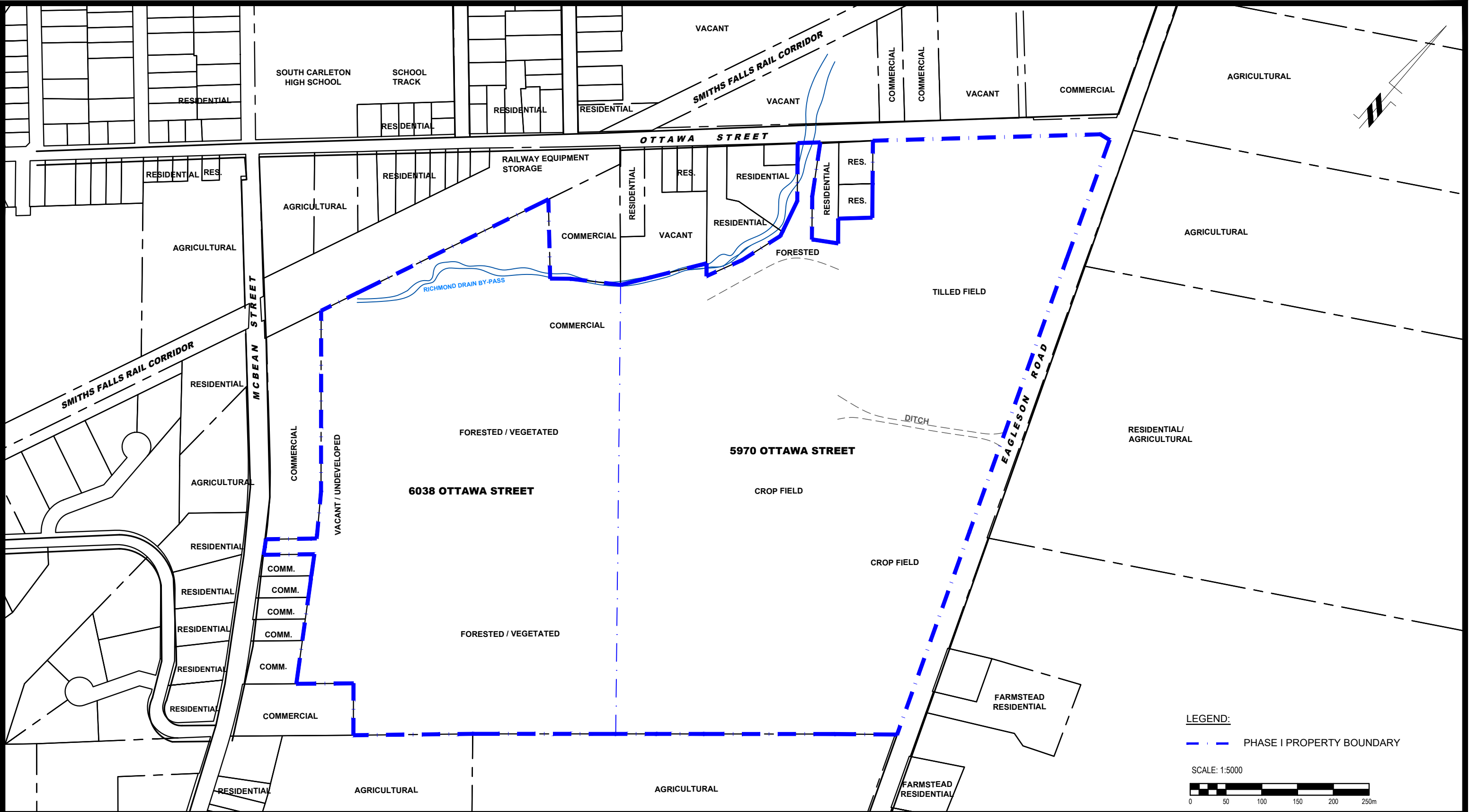


FIGURE 2
TOPOGRAPHIC MAP





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

NO.	REVISIONS	DATE	INITIAL

TAGGART GROUP

PHASE I - ENVIRONMENTAL SITE ASSESSMENT

5970 & 6038 OTTAWA STREET

OTTAWA, ONTARIO

OTTAWA,

Title:

SITE PLAN

Scale: 1:5000

Drawn by: GK

Checked by: NS

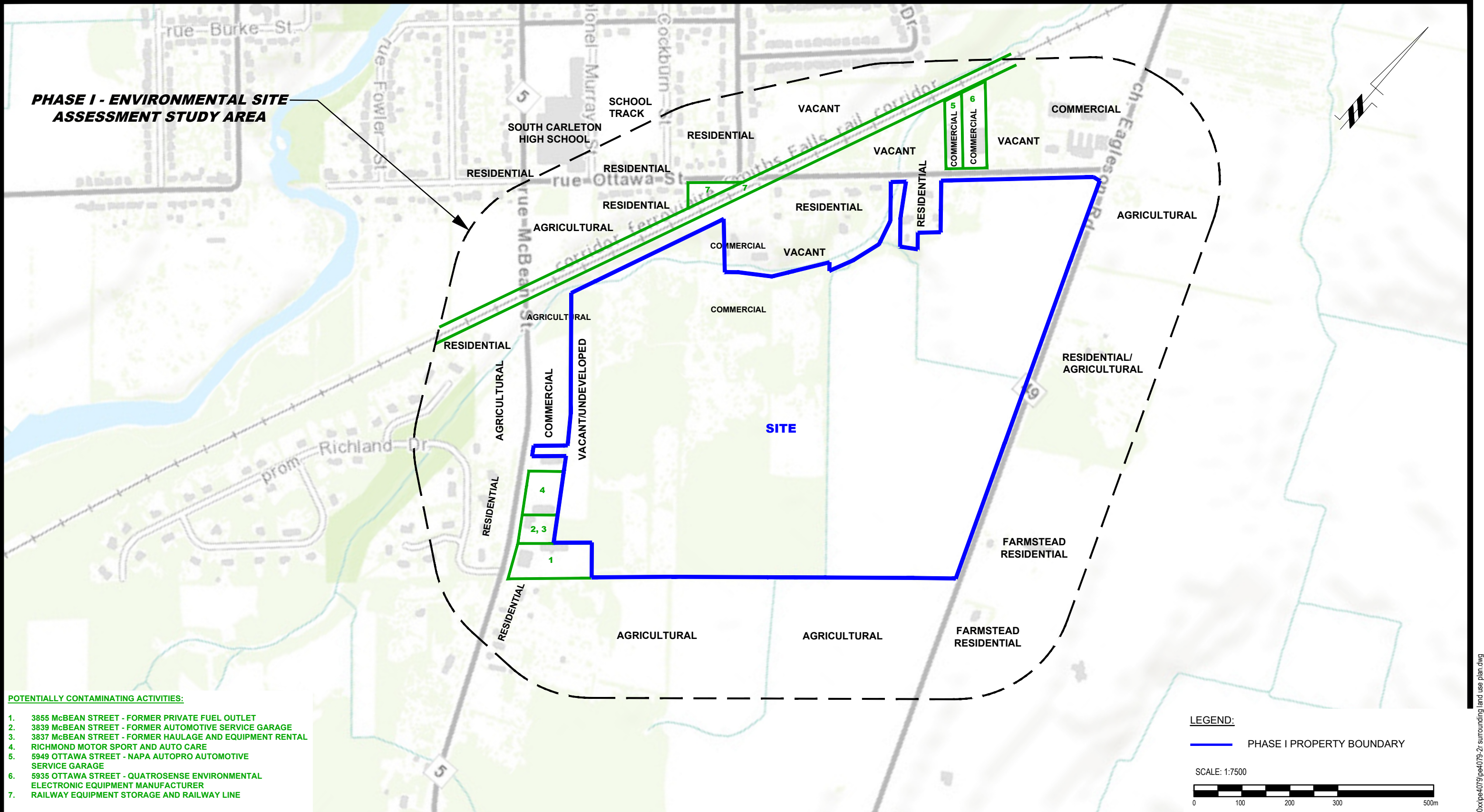
Approved by: MSD

Date: 12/2024

Report No.: PE4079-1

Dwg. No.: PE4079-1

Revision No.: 0



- POTENTIALLY CONTAMINATING ACTIVITIES:
- 1. 3855 McBEAN STREET - FORMER PRIVATE FUEL OUTLET
 - 2. 3839 McBEAN STREET - FORMER AUTOMOTIVE SERVICE GARAGE
 - 3. 3837 McBEAN STREET - FORMER HAULAGE AND EQUIPMENT RENTAL
 - 4. RICHMOND MOTOR SPORT AND AUTO CARE
 - 5. 5949 OTTAWA STREET - NAPA AUTOPRO AUTOMOTIVE SERVICE GARAGE
 - 6. 5935 OTTAWA STREET - QUATROSENSE ENVIRONMENTAL ELECTRONIC EQUIPMENT MANUFACTURER
 - 7. RAILWAY EQUIPMENT STORAGE AND RAILWAY LINE

LEGEND:

— PHASE I PROPERTY BOUNDARY

SCALE: 1:7500

0 100 200 300 500m

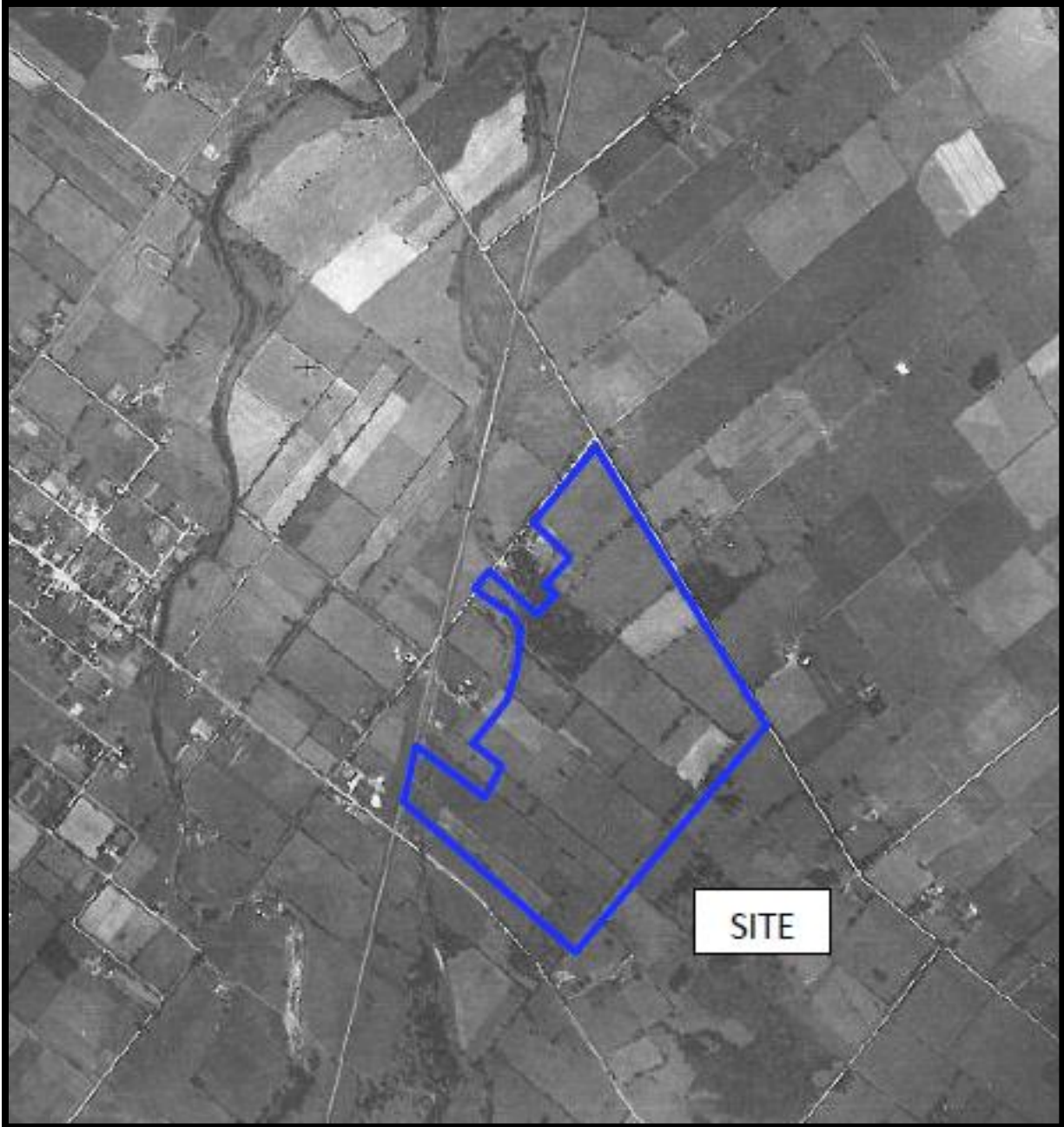
 9 AURIGA DRIVE OTTAWA, ON K2E 7T9 TEL: (613) 226-7381					TAGGART GROUP PHASE I - ENVIRONMENTAL SITE ASSESSMENT 5970 & 6038 OTTAWA STREET OTTAWA, ONTARIO	Scale:	1:7500	Date:	12/2024	
						Drawn by:	GK	Report No.:	PE4079-1	
						Checked by:	NS	Dwg. No.:	PE4079-2	
						Approved by:	MSD	Revision No.:		
	0					SURROUNDING LAND USE PLAN				
NO.	REVISIONS	DATE	INITIAL							

p:\autocad drawings\environmental\pe4079\pe4079-2r surrounding land use plan.dwg

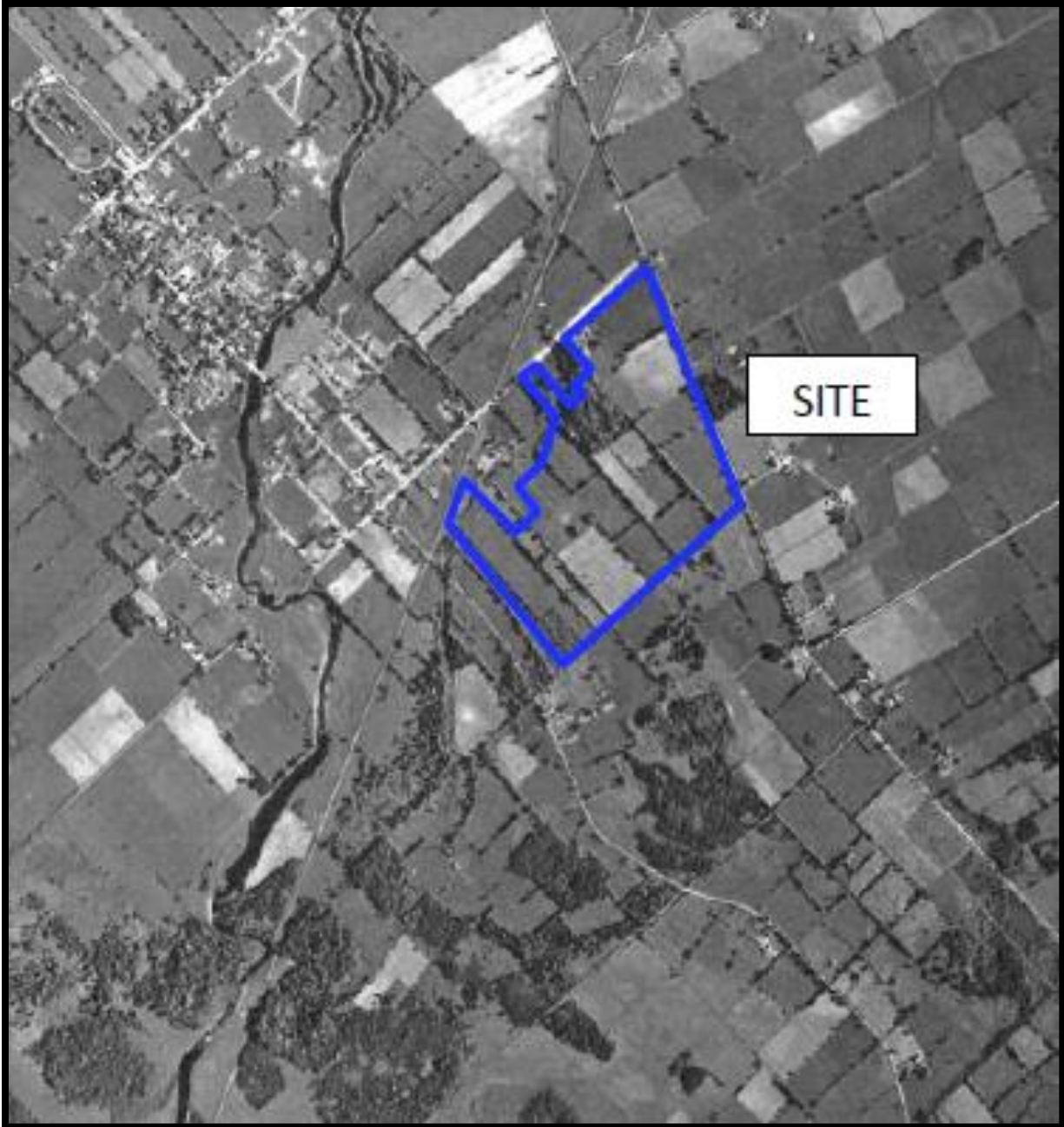
APPENDIX 1

AERIAL PHOTOGRAPHS

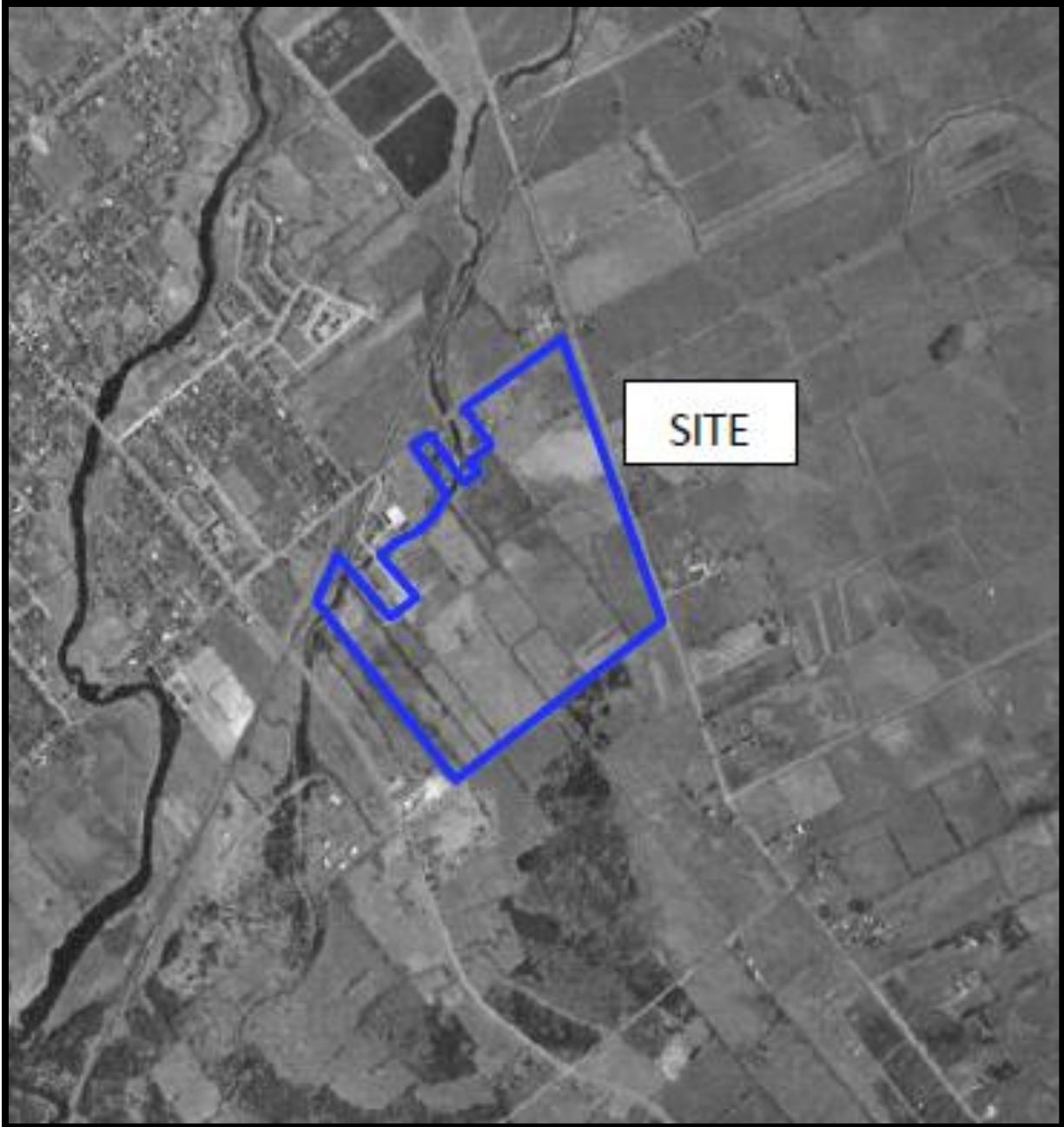
SITE PHOTOGRAPHS



AERIAL PHOTOGRAPH
1950



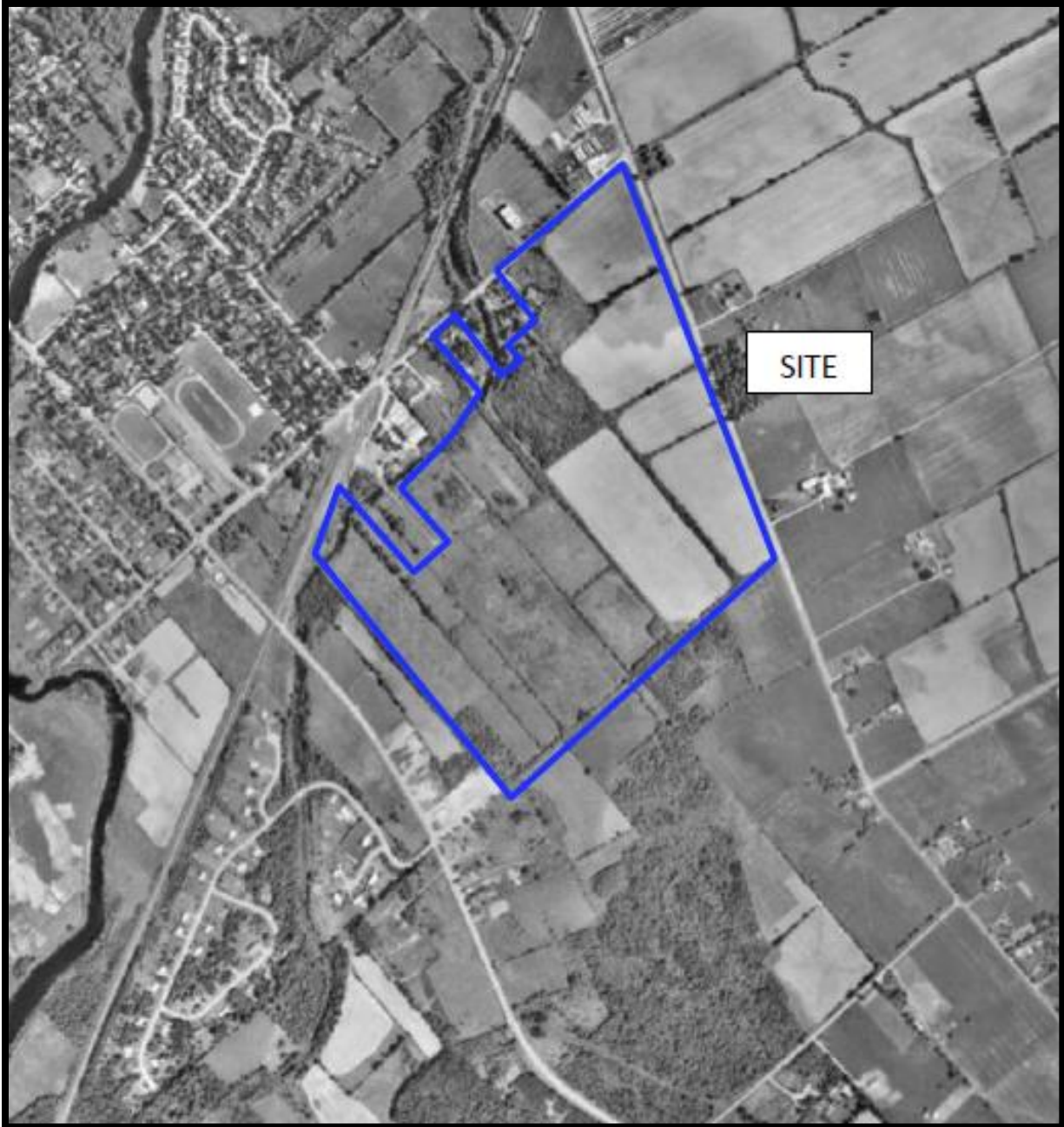
AERIAL PHOTOGRAPH
1959



AERIAL PHOTOGRAPH
1978



AERIAL PHOTOGRAPH
1985



AERIAL PHOTOGRAPH
1991



AERIAL PHOTOGRAPH
2014



AERIAL PHOTOGRAPH
2019

Site Photographs

PE4079

5970 & 6038 Ottawa Street, Ottawa, Ontario

November 29, 2024



Photograph 1: View of the eastern portion of the Phase I Property, facing west from Eagleson Road.



Photograph 2: View of the northeastern portion of the Phase I Property, facing south from Ottawa Street.

Site Photographs

PE4079

5970 & 6038 Ottawa Street, Ottawa, Ontario

November 29, 2024



Photograph 3: View of the southeastern portion of the Phase I Property, facing north.



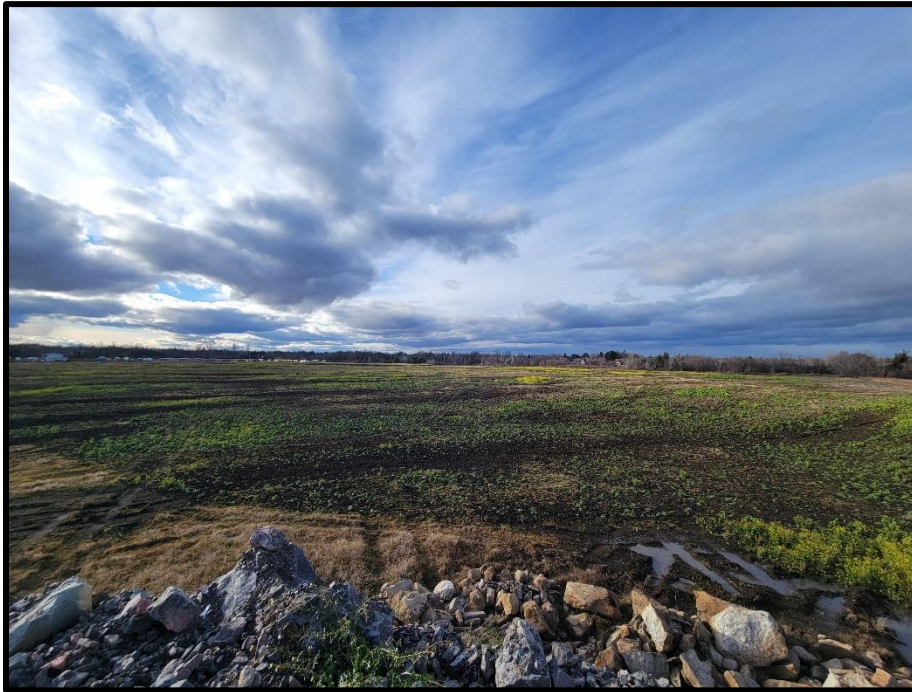
Photograph 4: View of the western portion of the Phase I Property, facing west.

Site Photographs

PE4079

5970 & 6038 Ottawa Street, Ottawa, Ontario

November 29, 2024



Photograph 5: View of the northwestern portion of the Phase I Property, facing northwest.



Photograph 6: View of the southern portion of the Phase I Property, facing north.

APPENDIX 2

MECP FREEDOM OF INFORMATION RESPONSE

MECP WATER WELL RECORDS

TSSA CORRESPONDENCE

CITY OF OTTAWA HLUI SEARCH RESPONSE

ERIS DATABASE REPORT

Ministry of the Environment
and Climate Change

Freedom of Information and
Protection of Privacy Office

12th Floor
40 St. Clair Avenue West
Toronto ON M4V 1M2
Tel: (416) 314-4075
Fax: (416) 314-4285

Ministère de l'Environnement et de
l'Action en matière de changement
climatique

Bureau de l'accès à l'information et
de la protection de la vie privée

12^e étage
40, avenue St. Clair ouest
Toronto ON M4V 1M2
Tél. : (416) 314-4075
Téléc.: (416) 314-4285



August 30, 2017

Marek Moroz
Paterson Group Inc
154 Colonnade Rd
Ottawa, ON K2E 7J5

Dear Marek Moroz:

RE: Freedom of Information and Protection of Privacy Act Request
Our File #: A-2017-05434, Your Reference #: PE4079

This letter is in response to your request made pursuant to the *Freedom of Information and Protection of Privacy Act* relating to Lots 24 and 25, Con 2, Twp of Goulburn, Ottawa.

After a thorough search of the Ministry's Ottawa District Office, Investigations and Enforcement Branch, Environmental Approvals Branch, Environmental Monitoring and Reporting Branch, Sector Compliance Branch and Safe Drinking Water Branch, records were located in response to your request. It is my decision to provide partial access to the attached information as the personal information of individuals has been removed to protect privacy in accordance with section 21(1)(f) of the Act as disclosure would be an unjustified invasion of their personal privacy. Information that is not responsive to the scope of the request has been removed and marked as N/R and duplicate pages have been removed from the records.

In accordance with Section 57 of the *Freedom of Information and Protection of Privacy Act*, detailed below are our charges:

• Search Time 1 hour @ \$30/hour	\$30.00
• Copying 34 pages @ \$0.20/page	\$6.80
• Delivery	3.00
• Total	\$ 39.80
• Deposit Received	- 30.00
• BALANCE WAIVED (NOT REQUIRED)	\$ 9.80

You may request a review of my decision by contacting the Information and Privacy Commissioner/Ontario, 2 Bloor Street East, Suite 1400, Toronto, ON M4W 1A8 (800-387-0073 or 416-326-3333). Please note that there is a \$25.00 fee and you only have 30 days from receipt of this letter to request a review.

If you have any questions regarding this matter, please contact Jasmine Frendo at jasmine.frendo@ontario.ca.

Yours truly,

Janet Dadufalza
FOI Manager
Attachments

Pages 1 to / à 7
are duplicates
sont des duplicatas

Ministry of the Environment

Ottawa District Office

2430 Don Reid Drive
Ottawa ON K1H 1E1

Tel: (613) 521-3450

Fax: (613) 521-5437

Ministère de l'Environnement

Bureau du district d'Ottawa

2430, promenade Don Reid
Ottawa (Ontario) K1H 1E1

Tél.: (613) 521-3450

Télec.: (613) 521-5437



November 5, 2012

Mr. Erik Apedaile
Apedaile Environmental Management
1543 Botsford St.
Ottawa, ON
K1G 0P8

Dear Erik

Re: NASM Site Assessment

Please find enclosed the three NASM Site Assessment Inspection Reports for the 2012 inspection season.

Yours truly

Christian Grothe
Agricultural Environmental Officer

CG/cb

Enclosure

c: Approval Certification and Licencing OMAFRA 3rd floor, 1 Stone Road West, Guelph, Ontario, N1G 4Y2

bc: Our file codes

SI-07-GL - C02 170



**Notice of Application of
Category 2 or Category 3 NASM**
Paragraph 52.10 O.Reg 267 under the Nutrient Management Act

Ministry of the Environment
Ministère de l'Environnement

Paragraph 52.10 of O. Reg. 267 requires that no person shall apply Category 3 NASM, or Category 2 NASM that is CM2, to land unless written advance notice is given to the local district office of the Ministry of the Environment in whose territory the land is located. Notification must be submitted a minimum of 24 hours before land application occurs but not more than 7 days prior to applying NASM at the site. Notification may be provided by completing this form and faxing it to the appropriate MOE Office.

Date of Notification: 26-Sep-12

Person/Company Applying NASM

Submitted By: Apedaile Environmental

Name of Company applying NASM: Third High Farms

PMAB Licence #: PMAB11163

MOE District or Area Office Notified: Ottawa District Office Fax# 613-521-5437

Land Application Period: Date Starting: 27-Sep-12 (Maximum 7 days) Date Ending: 3 Oct-12

Anticipated days of applying NASM: Thu Fri Mon Tue Wed Wed Wed

Name of Farm Operator: Schouten Cornerview Farms

Field Location (e.g. lot, conc., Municipality): Lot 13 Concession III North Gower City of Ottawa

NASM Plan #: 20815 Field Identifier: OTT1447

Source & Type of NASM

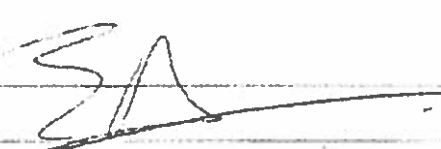
Generator Name: City of Ottawa

Generator Location: 800 Green Creek Drive, Ottawa Ontario

Type of NASM: Sewage Biosolids If Other Please Specify:

NASM Category - Check only one box: 1 ☐ 2 ☐ 3 ☒ Odour Category - Check only one box: 1 ☐ 2 ☐ 3 ☒

Additional Information or Comments: Please indicate whether this land application event is anticipated to extend beyond 7 day period identified above.

Signature: 

April 14, 2011 v0.1

Approval of NASM Plan 20815
Under Ontario Regulation 267/03, as amended
Nutrient Management Act, 2002

PLEASE USE YOUR NASM PLAN NUMBER WHENEVER YOU CONTACT THE MINISTRY BY TELEPHONE, E-MAIL, POST OR OTHER MEANS. IT WILL ASSIST THE MINISTRY TO LOCATE YOUR NUTRIENT MANAGEMENT FILE AS QUICKLY AS POSSIBLE.

PURSUANT TO THE ACT AND REGULATION, AS AMENDED, AND SUBJECT TO THE FOLLOWING CONDITIONS, APPROVAL IS GRANTED FOR THE NASM PLAN IDENTIFIED BY THE SUBMISSION NUMBER 20815 AND FOUND IN SCHEDULE B OF THIS APPROVAL.

THIS APPROVAL APPLIES ONLY TO THE:

1. AGRICULTURAL OPERATION,
2. NASM PLAN AREA, AND THE
3. MATERIALS

DESCRIBED IN THE APPROVED NASM PLAN.

THIS APPROVAL IS GRANTED TO THE OWNER OF THE AGRICULTURAL OPERATION AS DESCRIBED IN SCHEDULE B, BECAUSE THE DIRECTOR IS SATISFIED THAT THERE IS NOTHING UNDER THE ACT OR THE REGULATION THAT PREVENTS THE ISSUANCE OF THIS APPROVAL.

Schouten Cornerview Farms Ltd., ("Owner")
6105 Malakoff Road
Richmond, ON
K0A 2Z0

Schedules

This Approval incorporates Schedules A and B (The "Approval") attached hereto.

Schedule	Description
A	Reasons for Conditions
B	NASM Plan Approvals Submission

Approval of NASM Plan 20815
Under Ontario Regulation 267/03, as amended
Nutrient Management Act, 2002

Conditions

This Approval is subject to the following conditions:

Definitions

1. For the purposes of this Approval, the following terms shall have the meaning described below:
 - a) "Act" means the *Nutrient Management Act, 2002*, S.O. 2002, c.4, as amended;
 - b) "Agricultural Operation" means agricultural operation as defined in the Act;
 - c) "Approval" means this approval;
 - d) "Director" means a Director appointed under section 3 (1) of the Act;
 - e) "Land Application Schedule" means the report of that name generated by NMAN3 or an alternative report as approved by the Director which documents the planned NASM application rate;
 - f) Ministry means the Ministry of Agriculture, Food and Rural Affairs;
 - g) "NMAN3" means the most recent version of the software tool developed by the Ontario Ministry of Agriculture, Food and Rural Affairs;
 - h) "NASM Plan" means the NASM plan approved by this Approval and includes the NASM Plan Approvals Submission and Land Application Schedule prepared in accordance with Condition 9.
 - i) "NASM Plan Area" means NASM Plan Area as defined in the Regulation;
 - j) "NASM Plan Area with Respect to this Approval" means the properties described in Schedule "B" of this Approval, as amended, and as recorded in accordance with condition 11 of this Approval;
 - k) "NASM Plan Developer" means a person that holds a valid NASM Plan Development Certificate issued under section 102 of the Regulation;
 - l) "NASM" means non-agricultural source material as defined in the Regulation;
 - m) "Nutrient" means nutrient as defined in the Act;
 - n) "Operation with Respect to this Approval" means the Agricultural Operation described in Schedule "B" of this Approval.
 - o) "Post Application Report" means the report of that name generated by NMAN3 or an alternative report as approved by the Director and documents the quantity of NASM applied to a NASM Application Area;
 - p) "Regulation" means Ontario Regulation 267/03, as amended; and
 - q) "Specified NASM" means a NASM listed in the Approved NASM Plan Approvals Submission.

Approval of NASM Plan 20815
Under Ontario Regulation 267/03, as amended
Nutrient Management Act, 2002

Interpretation

2. Where there is a conflict between a provision of the Act or the Regulation and any condition of this Approval, the provision of the Act or Regulation shall take precedence. Where there is a conflict between a provision in Schedule "B" of this Approval and any other provision of this Approval, the Approval shall prevail.
3. The conditions of this Approval are severable. If any condition of this Approval or the application of any condition of this Approval to any circumstance is held invalid or unenforceable, the application of such condition to other circumstances and the remainder of this Approval shall not be thereby affected.
4. The issuance of, and compliance with, this Approval does not relieve the Owner of any obligation to comply with any provision of any applicable statute, regulation or other legal requirement.

General

5. The Owner shall manage, store and apply NASM at the NASM Application Areas approved under this NASM Plan in accordance with the Regulation, the Nutrient Management Protocol and the conditions of this Approval.
6. The Owner shall
 - a. Keep any records made relating to this Approval in a safe place at the location of the Operation with Respect to this Approval, and
 - b. Upon request of the Director or Provincial Officer (as defined in the NMA), furnish any information requested by such persons with respect to compliance with this approval, including but not limited to, any records required to be kept under this approval.
7. Notwithstanding anything in this Approval, the Owner shall manage the NASM applied or stored on the NASM Plan Area with Respect to this Approval in a manner that does not cause an adverse effect as described in section 18(3) of the Act.
8. The NASM Plan starts no earlier than the date on which the Director signed the approval.

Land Application

9. The Owner shall cause a copy of this approved NASM Plan to be kept at the NASM Plan Area during times when NASM is being land applied.

Approval of NASM Plan 20815
Under Ontario Regulation 267/03, as amended
Nutrient Management Act, 2002

10. The Owner shall cause a copy of the Land Application Schedule, prepared by a NASM Plan Developer for this approved NASM Plan and using the most recently available NASM analysis, to be kept at the NASM Plan Area during times when NASM is being land applied.
11. Within 21 days of completing the land application of the Specified NASM to the NASM Application Area, the Owner must obtain a copy of a Post Application Report prepared by a NASM Plan Developer documenting the type, quantity and nutrient loadings applied to the site.

Changes in the Plan

12. Without an amendment to the NASM Plan Approvals Submission approved by the Director,
 - a. no NASM may be received at, stored in or applied to land or a nutrient storage facility or site that is not included in the NASM Plan Area described in the NASM Plan; and
 - b. Source and types of NASM that are not included in the NASM Plan may not be received at, stored on or applied to the *NASM Plan Area* described in the NASM Plan.

Timing of record keeping requirement

13. The Owner shall keep the Land Application Schedule and the Post Application Report records as required under Part XI of the Regulation.
14. The records shall be kept for five years from the last date of land application of the specified NASM.

Change of Information

15. The Owner shall notify the Director in writing within thirty (30) days of the occurrence of any changes in the following information:
 - The ownership of the Operation with Respect to this Approval;
 - The Operator of the Operation with Respect to this Approval;
 - The address of the Owner or Operator of the Operation with Respect to this Approval;
 - The partners, where the Owner or Operator of the Operation with Respect to this Approval is or at any time becomes a partnership and a copy of the most recent declaration filed pursuant to the *Business Names Act*, R.S.O. 1990, c.B.17, shall be included in the notification

Approval of NASM Plan 20815
Under Ontario Regulation 267/03, as amended
Nutrient Management Act, 2002

Mitigating Elevation of Phosphorus

16. NASM will not be applied onto OTT1449, Field 1 until further soil analysis for phosphorus has been conducted as described in the Overview of the Operation submitted July 23, 2012. The field sketch of OTT1449, Field 1 will be updated based on this soil analysis showing areas of the field where the concentration for plant available phosphorus in the soil of the land exceeds 60 milligrams per litre of soil, and the area available for land application will be revised to exclude those areas so indicated. No NASM shall be applied to areas of the field where the results of the analysis described in the Overview of the Operation submitted July 23, 2012 show that the concentration for plant available phosphorus in the soil of the land exceeds 60 milligrams per litre of soil. A copy of the results of the soil analysis and the updated field sketch will be on-site during land application of any NASM and will be made available to a provincial officer upon request.

Managing High Levels of Organic Matter

17. NASM will not be applied onto OTT1449, Field 1 between July 21 of any given year and March 31 of the following year.

Approval of NASM Plan 20815
Under Ontario Regulation 267/03, as amended
Nutrient Management Act, 2002

IMPORTANT

In accordance with Section 9 of the *Nutrient Management Act, 2002*, you may by written notice that you serve upon me and the Environmental Review Tribunal within 15 days of receipt of this Notice, require a hearing by the Tribunal. This section provides that the Notice requiring a hearing shall state:

- (a) the portions of the approval in respect of which the hearing is required; and
- (b) the grounds on which the applicant for the hearing intends to rely at the hearing.

Nutrient Management Act 2002, s. 9 (6).

In addition to these legal requirements, you should also include:

- your name and address
- the operation identifier
- the name of the Director who signed the approval.

This Notice requiring a hearing should be signed and dated by yourself, and must be served upon:

**The Secretary
Environmental Review Tribunal
655 Bay Street, 15th Floor
Toronto, Ontario
M5G 1E5**

and

**The Director, Approvals
Environmental Management Branch
Ministry of Agriculture, Food and Rural
Affairs
1 Stone Road West
Guelph, Ontario
N1G 4Y2**

Further information on the Environmental Review Tribunal's requirements for an appeal can be obtained directly from the Tribunal at: Tel: (416) 314-4600, Fax: (416) 314-4506, or www.ert.gov.on.ca

Digitally signed by Senyshyn,
Len (OMAFRA)
DN: cn=Senyshyn, Len
(OMAFRA),
email=SENYSHYNLE@lrc.ad.gov.
on.ca, o=MGS, l=1 Stone Road
West, Guelph, Ontario
Date: 2012.08.03 11:16:18 -04'00'

L. A. Senyshyn, Director
Section 28, O.Reg.267/03, as
amended

Approval of NASM Plan 20815
Under Ontario Regulation 267/03, as amended
Nutrient Management Act, 2002

Schedule A

Reasons for Conditions

The reason for condition 1 is to define the specific meaning of terms and simplify the wording of conditions in this Approval.

The reason for conditions 2, 3, and 4 is to clarify the legal rights and responsibilities of the Owner under this Approval.

The reason for condition 5 is to ensure that the standards of the Regulations are being followed by the person(s) applying the NASM.

The reason for conditions 6, 13 and 14 is to ensure that detailed records of the Approval and records relating to the Approval are maintained for information and inspection purposes.

The reason for condition 7, 16 and 17 is to clarify the obligation to avoid adverse environmental effects and to further ensure the protection of the environment.

The reason for condition 8 is to clarify that the NASM Plan cannot start prior to approval.

The reason for conditions 9, 10 and 11 is to ensure that the application rate and nutrient additions are documented and provided to the Owner and the applicator.

The reason for condition 12 is to clarify that:

- a) NASM may only be received, stored or land applied on property included in the Approvals Submission, and
- b) Only NASM that is identified in the Approvals Submission may be received at the operation.

The reason for condition 15 is to ensure that any of the listed changes are communicated to the Director so that the Director can assess whether the change(s) impacts on this Approval.



Approval of NASM Plan 20815
Under Ontario Regulation 267/03, as amended
Nutrient Management Act, 2002

Schedule B

NASM Plan Approvals Submission



NASM Plan Approvals Submission

Schouten 2012 (January 1, 2012 - December 31, 2012)

General Information

Any false or misleading information submitted by the applicant in this document may result in the invalidation of any approvals or permits granted, and prosecution in accordance to the provisions of the Nutrient Management Act, 2002.

Please ensure you retain a copy of the completed NASM plan for your records. Please note, approved NASM plan approval submissions will not be returned. It is your responsibility to keep copies of the documents that comprise your NASM plan.

You will be contacted by OMAFRA staff if you are required to provide additional information during the review process.

According to the information in this approval submission this NASM plan will:

1. Come into effect no earlier than:
 - a. January 1, 2012, or
 - b. the date that the approval is signed by the director
2. Cease to be in effect no later than: December 31, 2012.

Reason for Submission

This document is being submitted for **approval**

List of Required Appendices

- Appendix A: Overview of the Operation
- Appendix B: Additional Storage Information
- Appendix C: Soil Sample Results
- Appendix D: NASM Sample Results (if required)

Preparer Information

Erik Apedaile (#NASMPDC11009)
Apedaile Environmental Management
1543 Botsford Street
Ottawa, ON, Canada K1G 0P8
Phone #1: 613-260-2411
Email: erik@apedaile.ca

Agricultural Operation Information

Legal Farm Name: Schouten Corner View Farms Ltd.

Operator Contact Information

Chris Schouten
6105 Malakoff Road
Richmond, ON, Canada K0A 2Z0
Phone #1: 613-489-3667

Owner is the same as the operator



NASM Plan Approvals Submission

Schouten 2012 (January 1, 2012 - December 31, 2012)

Material Source Summary

Ottawa Cake

City of Ottawa Biosolids

Form: Solid
Category: 3
NASM Type: 11c. Other sewage biosolids
Material Generator: City of Ottawa
800 Green Creek Drive
Ottawa, ON, Canada K1J 1A6
Phone #1: 613-580-2400x23312

Metals Content (CM) Level: CM2 (confirmed by lab analysis)
Pathogen Content (CP) Level: CP2 (confirmed by lab analysis)
Odour Category (OC): OC3

Beneficial Use

Total Concentration of PAN, PAP, and PAK: 53778 ppm (Dry Basis)

Farm Unit Summary

OTT1446

Currie Ray Farm

This farm is a:
Commercial Fertilizer Receiver
NASM Receiver

Farm Location
City of Ottawa
GOULBOURN, Concession: 2, Lot: 25

Status: Rented

Roll Number(s) 061427181004680
061427381018400

Property/Landowner Contact:
Edward Schouten

s.21

s.N/R

**NASM Plan Approvals Submission**

Schouten 2012 (January 1, 2012 - December 31, 2012)

NASM Plan Area Summary**NASM Application Area****OTT1446, Field 1**

Concession/Lot:

GOULBOURN, Concession: 2, Lot: 25

Roll Number(s):

061427181004680

061427381018400

Tillable Area:

47.36 ha

Area for Material:

25.15 ha

Slope Near Surface Water:

3%

Soil Series:

Grenville

Soil Texture:

Loam

Hydrologic Soil Group:

B

Soil parameters conform with S. 98.0.12 & 98.0.17



NASM Plan Approvals Submission

Schouten 2012 (January 1, 2012 - December 31, 2012)

Flag Summary

Landowner Signature (OTT1446)

i Note: The landowner must sign the NASM Plan Declaration

Landowner Signature (OTT1449)

i Note: The landowner must sign the NASM Plan Declaration

NASM Soil Test Value (OTT1449, Field 1)

⚠ Phosphorus (Sodium Bicarbonate): 61 mg/L (Maximum: 60 mg/L)

Appendix A – Overview of the Operation

1. Reason for Submission

This NASM Plan is being submitted for approval.

2. Type and Size of Operation

Schouten Corner View Farms Ltd is a dairy and cash crop operation, with land in the City of Ottawa as well as surrounding municipalities. The farms that are a part of this submission have been removed from Schouten Corner View Farm's NMP/S for 2012. Their NMP/S consultant is Paul Sullivan. This submission is for three farms located in the City of Ottawa in Goulbourn, [REDACTED] OTT1446 is located on Lot 25 Concession 2 Goulbourn and consists of a single field totaling 47.36 tillable acres (25.15 hectares available for NASM). [REDACTED]

[REDACTED] Corner View Farms generally follows a corn and soybean rotation and in some cases a corn - soybean - wheat rotation. More details are provided in the attached NMAN printouts.

3. Livestock Facilities

There are no livestock facilities as a part of this submission.

4. NASM Storage

NASM storage is not a part of this submission.

5. NASM Material

The NASM is anaerobically digested dewatered biosolids from the City of Ottawa's Robert O. Pickard Environmental Centre. This plant treats domestic, commercial and industrial waste generated within the City of Ottawa, as well as hauled sewage waste from within the City and from surrounding municipalities. The R. O. Pickard Environmental Centre has a mean daily flow of approximately 450 million liters of raw sewage and generates approximately 46,500 wet tonnes of dewatered biosolids cake (12,000 dry tonnes) per year. The digested sludge is dewatered using high-speed centrifuges with the addition of a polymer. Based upon Ontario Regulation 267/03, this is a Category 3, OC3, CP2 material. Biosolids are stored during the non-spreading season in an approved storage facilities in Iroquois and St. Rose, Ontario. The CM level of this material will be determined from lab analysis in the land application schedule. Please contact Scott Hall at the City of Ottawa (613-580-2424 x 23305) for more information on the City of Ottawa's wastewater treatment facility.

6. Cropping Practices

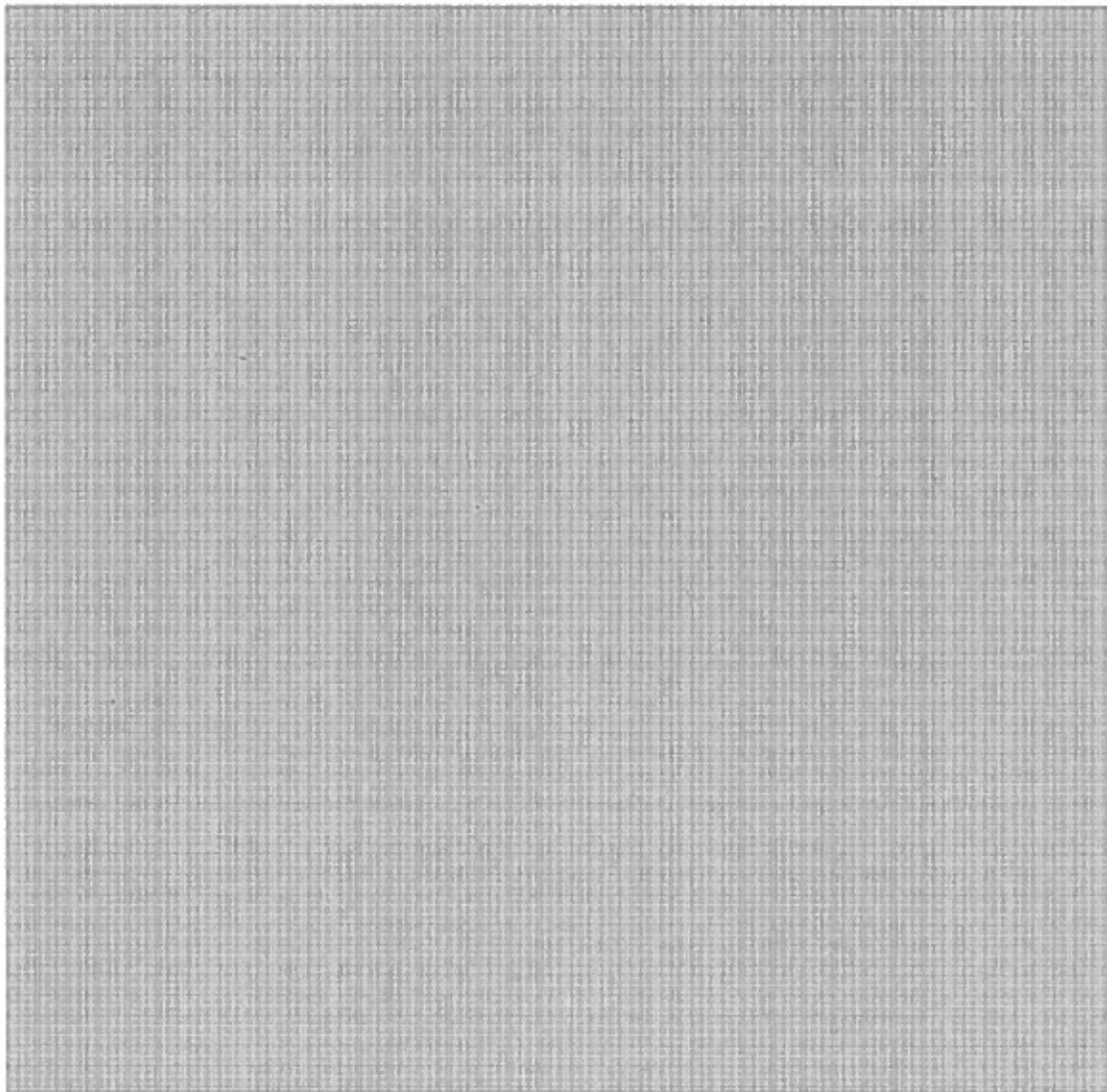
Appendix A – Overview of the Operation

Corner View Farms generally follows a corn and soybean rotation and in some cases a corn - soybean - wheat rotation.

7. Explanation of Setbacks

All setbacks for residential well and residences are measured from the property line closest to the field intended for spreading. This ensures that there are no wells of any type closer than 90 meters from a spreading area. Where an individual residence is closer than 10 meters from the property line, then the setback is increased accordingly to ensure a 100 meters buffer. Otherwise, the setback from the property line is typically 90 meters. Please note that biosolids are typically incorporated within 1 to 2 hours of spreading per City of Ottawa best management practices.

8. Director's Approval, NASM Soil Test Values



Appendix A – Overview of the Operation

if our re-sampling of the organic soil confirms that the soil has greater than 60 ppm extractable phosphorous, then we will withdraw the subject area from the site, as additional phosphorous will no longer be justified. As indicated above, we shall provide updated soil results once they are available.

Appendix C

Soil Sample Results

Include soil test results for all NASM Application Areas identified in the plan. Each soil sample should be collected, transported and analyzed in accordance with the Sampling and Analysis Protocol. Each sample should not cover more than 10 hectares (25 acres) unless documentation is provided to demonstrate that the nutrient content of the field and the management of the field is uniform. Provide a sample key if required. If the test results vary from those provided in the NMAN printout, attach an explanation.

In the current release of NMAN3 the user must average sample results (if multiple sample results available) outside of NMAN3 and enter in the average value into NMAN3. Although not required, it is recommended that a summary table of soil sample results for each NASM Application Area also be attached which lists out the individual sample results by date and includes the calculated averages used in NMAN3. This summary table will help to speed up the review of the NASM Plan as all calculations must be checked.

**NASM Plan Approvals Submission**

Schouten 2012 (January 1, 2012 - December 31, 2012)

Soil Test	OTT1446, Field 1 (May 2, 2012)
Phosphorus (Sodium Bicarbonate)	22 mg/L
Potassium (Ammonium Acetate)	118 mg/L
pH	7
Organic Matter	
Arsenic (As)	2 ppm
Cadmium (Cd)	< 0.5 ppm
Cobalt (Co)	6 ppm
Chromium (Cr)	23 ppm
Copper (Cu)	15 ppm
Mercury (Hg)	< 0.1 ppm
Molybdenum (Mo)	< 1 ppm
Nickel (Ni)	4 ppm
Lead (Pb)	10 ppm
Selenium (Se)	< 1 ppm
Zinc (Zn)	57 ppm

Soil Analysis Summary

	Field 1										Average
	1A	1B	1C	1D	1E	1AB	1CD				
pH	7.2✓	7.3✓	6.8✓	6.4✓	7.4✓					7.0	
Extractable P	12✓	17✓	37✓	28✓	17✓					22	
Extractable K	70✓	80✓	200✓	140✓	100✓					118	
As					2✓	2✓	2✓			2	
Cd					<0.5✓	<0.5✓	<0.5✓			<0.5	
Cr					20✓	23✓	26✓			23	
Co					6✓	6✓	6✓			6	
Cu					14✓	14✓	16✓			15	
Pb					12✓	10✓	8✓			10	
Hg					<0.1✓	<0.1✓	<0.1✓			<0.1	
Mo					<1✓	<1✓	<1✓			<1	
Ni					3✓	4✓	4✓			4	
Se					<1✓	<1✓	<1✓			<1	
Zn					54✓	50✓	66✓			57	

OK

EXOVA OTTAWA

Certificate of Analysis



Client: Apedalle Environmental
1543 Boisford Street
Ottawa, ON
K1G 0P8
Attention: Mr. Erik Apedalle
PO#:
Invoice to: Apedalle Environmental

Report Number: 1308546
Date Submitted: 2012-05-04
Date Reported: 2012-05-11
Project: OTT1446
COC #: 157556

Group	Analyte	MRL	Units	Lab ID, Sample Matrix Sample Type Sampling Date Sample ID, Guideline	955274 Soil 2012-05-02 OTT1446-01 A	955275 Soil 2012-05-02 OTT1446-01 B	955276 Soil 2012-05-02 OTT1446-01 C	955277 Soil 2012-05-02 OTT1446-01 D
Agri. - Soil	K (NH4 Acetate Extractable)	10	ppm		70	80	200	140
	Mg (NH4 Acetate Extractable)	10	ppm		310	350	430	400
	P (NaHCO3 Extractable)	2	ppm		12	17	37	28
	pH	2.0			7.2	7.3	6.8	6.4

Group	Analyte	MRL	Units	Lab ID, Sample Matrix Sample Type Sampling Date Sample ID, Guideline	955278 Soil 2012-05-02 OTT1446-01 E	955279 Soil 2012-05-02 OTT1446-01 AB	955280 Soil 2012-05-02 OTT1446-01 CD
Agri. - Soil	K (NH4 Acetate Extractable)	10	ppm		100		
	Mg (NH4 Acetate Extractable)	10	ppm		400		
	P (NaHCO3 Extractable)	2	ppm		17		
	pH	2.0			7.4		
	Hg	0.1	ug/g		<0.1	<0.1	<0.1
	As	1	ug/g		2	2	2
	Cd	0.5	ug/g		<0.5	<0.5	<0.5
	Co	1	ug/g		6	6	6
	Cr	1	ug/g		20	23	26
	Cu	1	ug/g		14	14	16
	Mo	1	ug/g		<1	<1	<1
	Ni	1	ug/g		3	4	4
	Pb	1	ug/g		12	10	8

Guideline = * = Guideline Exceedence

Results relate only to the parameters tested on the samples submitted.

Methods references and/or additional QA/QC information available on request

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective



Client: Apedalle Environmental
1543 Botsford Street
Ottawa, ON
K1G 0P8
Attention: Mr. Erik Apedalle
PO#:
Invoice to: Apedalle Environmental

Report Number: 1208546
Date Submitted: 2012-05-04
Date Reported: 2012-05-11
Project: OTT1446
COC #: 157556

Group	Analyte	MRL	Units	Lab I.D.	
				Sample Matrix	Sample Type
Metals	Se	1	ug/g	955278	Soil
	Zn	2	ug/g	955279	Soil
				2012-05-02	2012-05-02
				OTT1446-01 E	OTT1446-01 AB
				<1	<1
				54	50
					66

Guideline = * = Guideline Exceedence

Results relate only to the parameters tested on the samples submitted.

Methods references and/or additional QA/QC information available on request.

MRL = Method Reporting Limit, AO = Aesthetic Objective, OG = Operational Guideline, MAC = Maximum Acceptable Concentration, IMAC = Interim Maximum Acceptable Concentration, STD = Standard, PWQO = Provincial Water Quality Guideline, IPWQO = Interim Provincial Water Quality Objective

Soil Analysis Summary



Field 1										
	1A	1B	1C	1D	1E	1F	1AB	1CD	1EF	Average
pH	7.3	7.5	7.3	7.4	7.3	7.0				7.3
Extractable P	14	19	36	19	22	79				28
Extractable K	110	110	90	120	140	220				132
As							3	2	3	3
Cd							<0.5	<0.5	<0.5	<0.5
Cr							26	18	38	27
Co							7	5	11	8
Cu							19	16	27	21
Pb							8	8	12	9
Hg							<0.1	<0.1	<0.1	<0.1
Mo							<1	1	1	1
Ni							7	<1	13	6.8
Se							<1	<1	<1	<1
Zn							61	59	96	72

**Pages 31 to / à 32
are not relevant
sont non pertinentes**

Soil Analysis Summary

Field 1		1A	1B	1C	1D	1E	1F	1G	1H	1AB	1CD	1EF	1GH	Average
pH	7.5	7.5	7.7	7.6	7.5	7.4	7.4	7.5	6.8					7.4
Extractable P	42	52	17	11	26	28	18	18	61					61
Extractable K	90	90	70	60	70	80	80	80	140					85
As										2	3	3	3	3
Cd										<0.5	<0.5	<0.5	<0.5	<0.5
Cr										20	17	16	14	17
Co										6	6	6	5	6
Cu										42	15	17	16	23
Pb										10	9	9	9	9
Hg										<0.1	<0.1	<0.1	<0.1	<0.1
Mo										<1	<1	<1	1	0.6
Ni										5	1	2	<1	2.1
Se										<1	<1	<1	<1	<1
Zn										69	48	47	49	53

OK

**Pages 34 to / à 36
are not relevant
sont non pertinentes**

Appendix D

NASM Sample Results (if required)

Attach and clearly label the NASM analytical test results. Each NASM sample should be collected, transported and analyzed in accordance with the Sampling and Analysis Protocol. Provide a sample key if required. If the test results vary from those provided in the NMAN printout, attach an explanation.

In the current release of NMAN3 the user must average sample results outside of NMAN3 and enter in the average value into NMAN3. Although not required, it is recommended that a summary table of NASM results also be attached which lists out the individual sample results by date and includes the calculated averages used in NMAN3. This summary table will help to speed up the review of the NASM Plan as all calculations must be checked.

If NASM Sample Results are required as part of an Approvals Submission, a minimum of two separate sample results from samples collected on two distinct occasions is required.

Ottawa Lake

Dry Basis

Nutrient	Value	
Dry Matter (DM)	30.6 %	
Nitrogen (N)	4.14 %	
Ammonia + Ammonium Nitrogen	7573 ppm	
Nitrate + Nitrite Nitrogen	516 ppm	
Phosphorus (P)	3.88 %	
Arsenic (As)	4.17 ppm	CM1
Cadmium (Cd)	1 ppm	CM1
Cobalt (Co)	4 ppm	CM1
Chromium (Cr)	59 ppm	CM1
Copper (Cu)	402 ppm	CM2
Mercury (Hg)	1 ppm	CM2
Molybdenum (Mo)	6.7 ppm	CM2
Nickel (Ni)	29 ppm	CM1
Lead (Pb)	42 ppm	CM1
Selenium (Se)	4 ppm	CM2
Zinc (Zn)	676 ppm	CM2
E. coli	2002 CFU	CP2

[illegible]

000039

**Pages 40 to / à 41
are not relevant
sont non pertinentes**



NASM Site Assessment Inspection Report

Client:	Erik Apedaile, Business/Facility Name: Apedaile Environmental Management Mailing Address: 1543 Botsford St, Ottawa, Ontario, Canada, K1G 0P8 Physical Address: 1543 Botsford St, Ottawa, City, Ontario, Canada, K1G 0P8 Telephone: (613)260-2411 Client #: 7078-8L7HT9, Client Type: Individual		
Inspection Site Address:	Schouten Corner View Farm Ltd NASM plan 20815 Ray Currie Farm [REDACTED] Address: Lot: 25, Concession: 2, Geographic Township: GOULBOURN, Ottawa, City District Office: Ottawa GeoReference: , LIO GeoReference: Zone: , UTM Easting: , UTM Northing: , Latitude: , Longitude:		
Contact Name:	Erik Apedaile	Title:	
Contact Telephone:	613 260 2411 ext	Contact Fax:	
Last Inspection Date:	2012/08/01		
Inspection Start Date:	2012/08/10	Inspection Finish Date:	2012/08/15
Region:	Eastern		

NASM Site Information
Name of Farm Operator: Schouten Corner
NASM Plan #: 20815
Field #: Ray Currie Farm, field one, lot 2 conc 25 Goulbourn, [REDACTED]
NASM Plan Developer Name: Erik Apedaile
NASM Plan Developer Certificate #: 11163
Name of Person that Conducted the Site Inspection (if different): Tim Watson

1.0 INTRODUCTION

Section numbers in this document refer to *Ontario Regulation 267/03*, as amended, under the *Nutrient Management Act, 2002*

This inspection is of a Non-Agricultural Source Material (NASM) plan assessment. In preparation for this inspection NASM, plan 20815 was downloaded from the database maintained by OMAFRA. The plan was reviewed by the undersigned officer. The land owner was contacted to advised him of officer activity and possibly entering and circulating on the farm.

2.0 INSPECTION OBSERVATIONS

The site visit occurred on August 10, 2012.

2.1 CONTROL POINT(S) AND REPORT CARD

Please refer to "Section 5.0: Action Item(s)" to see any required actions resulting from this inspection.

The following Control Point(s) were completed as a part of this inspection and are attached to this report. Please refer to the sections listed under the Areas of Concern on the Control Point(s) for non-compliance issues uncovered during the inspection:

Overall Inspection Score: 100

01 NASM Site Assessment
Area(s) of Concern:
none identified

3.0 REVIEW OF PREVIOUS NON-COMPLIANCE ISSUES

4.0 SUMMARY OF INSPECTION FINDINGS (HEALTH/ENVIRONMENTAL IMPACT)

Was there any indication of a known or anticipated human health impact during the inspection and/or review of relevant material, related to this Ministry's mandate?

No

Specifics:

Was there any indication of a known or anticipated environmental impact during the inspection and/or review of relevant material?

No

Specifics:

Was there any indication of a known or suspected violation of a legal requirement during the inspection review of relevant material which could cause a human health impact or environmental impairment?

No

Specifics

Was there any indication of a potential for environmental impairment during the inspection and/or review of relevant material?

No

Specifics

Was there any indication of minor administrative non-compliance?

No

Specifics:

5.0 ACTION(S) REQUIRED

6.0 OTHER INSPECTION FINDINGS

Specifics:

7.0 INCIDENT REPORT

Not Applicable

8.0 ATTACHMENTS

**PREPARED BY:
Provincial Officer:**

Name: Christian Grothe
District Office: Ottawa District Office
Date: 2012/08/15

Signature:



**REVIEWED BY:
District Supervisor:**

Name: Tara MacDonald
District Office: Ottawa District Office
Date: 2012/08/20

Signature:

File Storage Number:

SI OT

Note:

This inspection report does not in any way suggest that there is or has been compliance with applicable legislation and regulations as they may apply to this facility. It is, and remains, the responsibility of the owner and/or the operating authority to ensure compliance with all applicable legislative and regulatory requirements

NASM Site Assessment

Client name:	Erik Apedaile	Inspection Report Number:	7115-8X6R2M
AEO:	Christian Grothe	Inspection Start Date:	2012/08/10
Control Point Number:	01		

Environmental Features

- 25 points for each feature missed or improperly identified plus an additional -10 for multiple features

Have the following features been accurately identified in the assessment or if not is there a statement included indicating the features do not exist?

Location of all surface water within 150m of NASM application area		☒ Yes ☐ No ☐ NA
Regulatory separation distances to surface water		☒ Yes ☐ No ☐ NA
Wells		
On-site	Drilled Water Wells	☒ Yes ☐ No ☐ NA
	Dug Water Wells	☒ Yes ☐ No ☐ NA
	Other Wells (e.g. oil & gas, test)	☐ Yes ☐ No ☒ NA
Off-site	Municipal (100 metres)	☒ Yes ☐ No ☐ NA
	Drilled Water Wells	☒ Yes ☐ No ☐ NA
	Dug & Other Wells (e.g. oil & gas, test)	☒ Yes ☐ No ☐ NA
Comments		

Location of Non-agricultural Land Uses

- 20 points for each feature missed or improperly identified plus an additional -10 for multiple missed residences within 90 metres

Have the following features been properly identified?

Residences within 90 metres		☒ Yes ☐ No ☐ NA
Residential Areas within 450 meters		☒ Yes ☐ No ☐ NA
Community, Commercial or Institutional Areas within 90 metres		☒ Yes ☐ No ☐ NA
Community, Commercial or Institutional Areas within 450 metres		☒ Yes ☐ No ☐ NA
Comments		
We are dealing with OC3 material that is incorporated within 6 hours a such Residences within 100 metres and residential area within 200 metres have been identified.		

Site Features

- 15 points for each feature missed or improperly identified

Have the following features been properly identified?

Soil Type		☒ Yes ☐ No ☐ NA
Maximum sustained slope within 150 m of surface water		☒ Yes ☐ No ☐ NA
Field tiled or not tiled		☒ Yes ☐ No ☐ NA
Tile inlets (e.g. hickenbottoms, catch basins)		☒ Yes ☐ No ☐ NA
Tile outlets		☒ Yes ☐ No ☐ NA
Area where soil depth is less than 30 cm and rock out croppings		☒ Yes ☐ No ☐ NA
Flood plain area or Areas subject to ponding		☒ Yes ☐ No ☐ NA
Dugout ponds		☒ Yes ☐ No ☐ NA
Comments		

NASM Storage Facilities - 15 points for each feature missed or improperly identified Are storage facilities properly identified and storage requirements met as described in the following?	
Are there any NASM Storage facilities established under the NMA associated with this site?	☐ Yes ☒ No
Comments	

Environmental Officer Adjustment (maximum + or - 10 points)	
Best Management Practices + 2 points for each additional item Did the site assessment contain the following information?	
Location where soil samples were collected	☐ Yes ☒ No ☐ NA
Field Sketch is proportionate or done to scale	☒ Yes ☐ No ☐ NA
Aerial photo used as base map	☒ Yes ☐ No ☐ NA
Field sketch includes 911 #'s or identifies major road intersections	☒ Yes ☐ No ☐ NA
North arrow	☒ Yes ☐ No ☐ NA
Legend	☒ Yes ☐ No ☐ NA
Field Sketch clear and legible	☒ Yes ☐ No ☐ NA
Catchbasins and Inlets not directly associated with field drainage identified	☒ Yes ☐ No ☐ NA
Other (explain)	☐ Yes ☐ No ☒ NA
Additional Concerns - 2 points for each identified concern Were the following problems identified with the site assessment?	
Repeat problems identified in previous assessments	☐ Yes ☒ No ☐ NA
Field Sketch not clear and legible	☐ Yes ☒ No ☐ NA
Other (explain)	☐ Yes ☐ No ☒ NA
Environmental Officer Adjustment: 10	
Comments	
This NASM plan and associated sketch reflect the long experience and attention to details of the plan developer	

Score: 100



RECORD OF SITE VISIT

Reference Number:	6743-8X6PKQ	File Storage Number:	SI OT
Module:	Inspections	Module Type:	NASM Site Assessment
Cross Reference:	(doc link)	Task Link:	7221-8X6QWZ
Originating Document:		Created by:	Christian Grothe
Date Created:	2012/08/14	Date Completed:	2012/08/20
Bring Forward Date:		Bring Forward Reason:	
Status:	Final Signed-Off		
Program	Agriculture	Activity:	Inspections - Nutrient Management

Client(s)

Client Details
Erik Apedaile, Business/Facility Name: Apedaile Environmental Management Mailing Address: 1543 Botsford St, Ottawa, Ontario, Canada, K1G 0P8 Physical Address: 1543 Botsford St, Ottawa, City, Ontario, Canada, K1G 0P8 Telephone: (613)260-2411 Client #: 7078-8L7HT9, Client Type: Individual

Site(s)

Site Details
Schouten Corner View Farm Ltd NASM plan 20815 Ray Currie Farm Address: Lot: 25, Concession: 2, Geographic Township: GOULBOURN, Ottawa, City District Office: Ottawa Site #: 2861-8X6PRK

General

Date of Last Inspection:		Inspection Due Date:	
Inspection Start Date:	2012/08/10	Inspection Finish Date:	2012/08/15
Inspection Pass/Fail:	Pass	Risk Score:	
With Minor Admin Violation:	No	IJM Score:	A0
Site Region:	Eastern		
File Review:			
Comments:			

Compliance Level	IJM Score
In Compliance	A0 to F0
In Compliance with Comments	A1, B1 and C1
Significant Non-Compliance	Other than above

Inspection Time Of Day

Inspection Time of Day

Indicate if this inspection was conducted during a week day (normal hours) or during an evening, night, weekend or holiday (after hours)

☒ Normal Hours Inspection ☐ After Hours Inspection

Risk Assessment

Plan Category	Planned	Fiscal year	2012/2013

Media	Waste	
Facility Selection Rationale		
Anticipated	Actual	
☐ HE	☐ HE	A: Known Significant Human Health and/or Environmental Impact/Impairment
☐ CV	☐ CV	A: Previous Record of Convictions/Charges Laid (Non-Administrative)
☐ NC	☐ NC	A: A Record of Significant (Non-Administrative) Non-Compliance
☐ DI	☐ DI	A: Lack of Demonstrated Improvement towards Compliance/Remediation (an outright failure (non-administrative) in previous inspection where compliance has not been achieved.
☐ AN	☐ AN	B: Human Health and/or Environmental Impairment is Anticipated/Suspected.
☐ VS	☐ VS	B: Violation of a Legal Requirement is Suspected (with human health and/or environmental impact.
☐ BP	☐ BP	B: Nature of Site Operations/Business Represent an Inherent Level of Risk (where impact to human health and/or environment is anticipated due to nature of site/Facility Processes and Waste Streams and/or Discharges)
☐ ES	☐ ES	B: Emerging Sectors (where knowledge is limited but concern for environmental impacts exists)
☐ UK	☐ UK	C: Risk Unknown/New Facility and/or General Deterrent
☒ CP	☒ CP	C: Corporate Priority
☐ LP	☐ LP	C: Low Priority
Risk Category Anticipated		C: Unknown Risk to Human Health or Environment
Risk Category Actual		C: Unknown Risk to Human Health or Environment
Reason for Risk Change		
Risk Change Discussed with and Approved by District Manager		
Why were changes made to Risk Information?		

UIM 1 8^Z 4 3 5 5 3 5 P
5^R 5 0 0 4 1 0 0 N



15 No 9235
GROUND WATER BRANCH
SEP 7 1960
P. A. 10
RESOURCES COMMISSION

The Ontario Water Resources Commission Act, 1957

WATER WELL RECORD

County or District Carleton Township, Village, Town or City Richmond
 Con. — Lot — Date completed 5 Aug 60
 (day month year)
 Address Richmond

Casing and Screen Record

Inside diameter of casing..... 4"

Total length of casing..... 26'

Type of screen.....

Length of screen.....

Depth to top of screen.....

Diameter of finished hole..... 4"

Pumping Test

Static level 5'

Test-pumping rate 6 G.P.M.

Pumping level 6 ft.

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

Water clear or cloudy at end of test clear

Recommended pumping rate 5 G.P.M.

with pumping level of Set pump at 30 ft.

Well Log

Water Record

[illegible]

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

house

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

Drilling Firm.....

Address

Licence Number 483

Name of Driller Bert Sparks

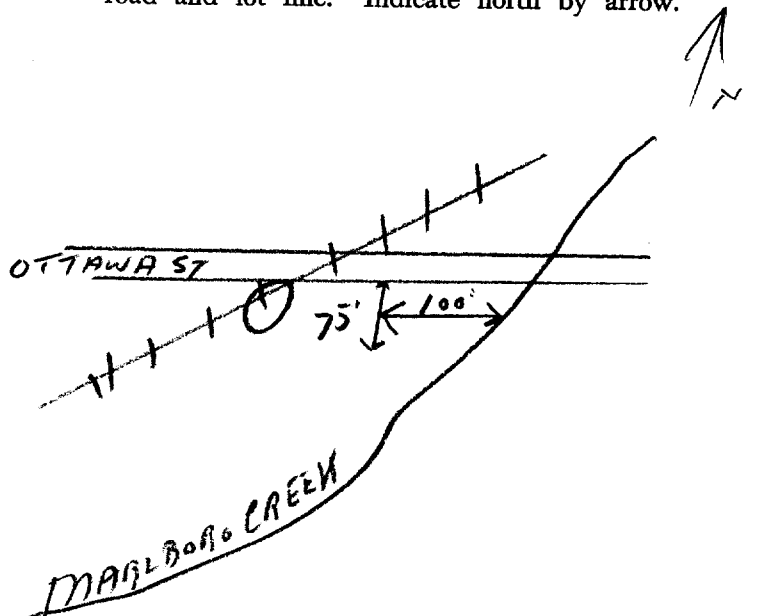
Address

Date Aug 23/60

(Signature of Licensed Drilling Contractor)

Location of Well

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



Ministry
of the
Environment

WATER WELL RECORD

1528204

MUNICIP.
15003

CON

1. PRINT ONLY IN SPACES PROVIDED

2. CHECK ☒ CORRECT BOX WHERE APPLICABLE

11

2

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON. BLOCK, TRACT, SURVEY ETC	LOT
	Goulbourn	2	25
DATE COMPLETED		48-53	
2 Ottawa Street Richmond, Ontario KOA 2Z0		DAY 19	MO 08 YR 94
THING	RC	ELEVATION	RC
	25	26	30
BASIN CODE	II III IV		
31	47		

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

[illegible]

31

32

WATER RECORD

WATER FOUND AT - FEET		KIND OF WATER		
	10-13	1 ☐ FRESH 2 ☐ SALTY	3 ☐ SULPHUR 6 ☐ MINERALS 6 ☐ GAS	14
215	15-18	1 ☐ FRESH 2 ☐ SALTY	3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS	19
286	20-23	NOT TESTED		24
		1 ☐ FRESH 2 ☐ SALTY	3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS	
	25-28	1 ☐ FRESH 2 ☐ SALTY	3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS	29
	30-33	1 ☐ FRESH 2 ☐ SALTY	3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS	34

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES		MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET	
				FROM	TO
6	$\frac{17}{16}$	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC	.188	0	25
5	$\frac{13}{16}$	1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC		25	298
		1 ☐ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC			

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

61 PLUGGING & SEALING RECORD

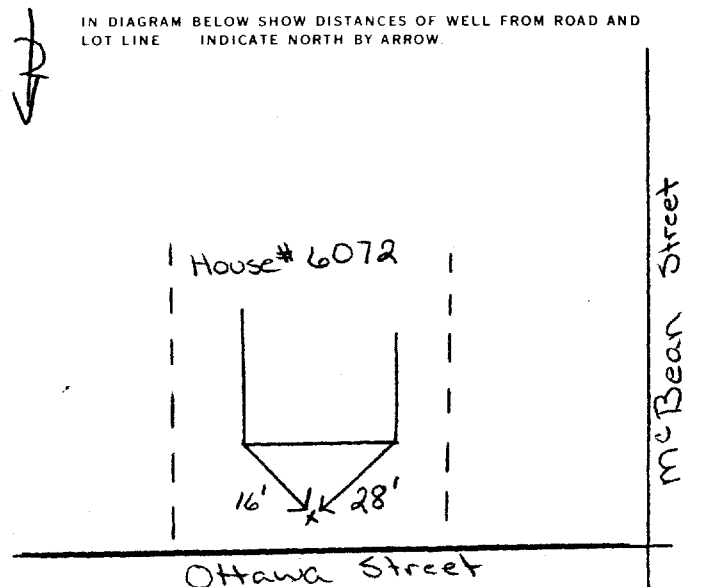
DEPTH SET AT - FEET		MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER ETC.)	
FROM	TO		
10-13	14-17	Grouted - Cement (3)	
23'6"	0		
18-21	22-25		
26-29	30-33	80	

PUMPING TEST	PUMPING TEST METHOD		10	PUMPING RATE		11-14	DURATION OF PUMPING	
	1 ☒ PUMP 2 ☐ BAILER			8-10		GPM	1 15-16 HOURS	17-18 MINS
	STATIC LEVEL	WATER LEVEL END OF PUMPING	25	WATER LEVELS DURING			1 ☒ PUMPING 2 ☐ RECOVERY	
	19-21	22-24		15 MINUTES 26-28	30 MINUTES 29-31	45 MINUTES 32-34	60 MINUTES 35-37	
	10'6" FEET	25 FEET		50 FEET	45 FEET	30 FEET	25 FEET	
IF FLOWING, GIVE RATE		38-41	PUMP INTAKE SET AT			WATER AT END OF TEST		
		GPM				FEET	1 ☐ CLEAR 2 ☒ CLOUDY	
RECOMMENDED PUMP TYPE			RECOMMENDED PUMP SETTING		43-45	RECOMMENDED PUMPING RATE		46-49
☐ SHALLOW ☐ DEEP			30-35		FEET	5		GPM
50-53								

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

LOCATION OF WELL

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



DRILLERS REMARKS

147720

CONTRACTOR	NAME OF WELL CONTRACTOR		WELL CONTRACTOR'S LICENCE NUMBER	
	Capital Water Supply Ltd.		1558	
	ADDRESS			
	P.O. Box 490 Stittsville, Ontario K2S 1A6			
CONTRACTOR	NAME OF WELL TECHNICIAN		WELL TECHNICIAN'S LICENCE NUMBER	
	S. Miller		T0097	
	SIGNATURE OF TECHNICIAN/CONTRACTOR		SUBMISSION DATE	
			DAY 23 MO 8 YR 94	

OFFICE USE ONLY	DATA SOURCE	58	CONTRACTOR	59-62	DATE RECEIVED	63-68	80
			1558		OCT 07 1994		
	DATE OF INSPECTION		INSPECTOR				
REMARKS							

Instructions for Completing Form

- For use in the **Province of Ontario** only. This document is a permanent **legal** document. Please retain for future reference.
- All Sections **must** be completed in full to avoid delays in processing. Further instructions and explanations are available on the back of this form.
- Questions regarding completing this application can be directed to the Water Well Management Coordinator at 416-235-6203.
- All metre measurements shall be reported to 1/10th of a metre.**
- Please print clearly in blue or black ink only.

Well Owner's Information and Location of Well Information

Ministry Use Only											
MUN						CON					LOT

RR#/Street Number/Name: **6004 OTTAWA STREET** City/Town/Village: **RICMOND** Site/Compartment/Block/Tract/etc: **PLAN R467879/2**

GPS Reading: NAD **83** Zone **18** Easting **435466** Northing **5004228** Unit Make/Model: **MARELLAN** Mode of Operation: ☐ Undifferentiated ☒ Averaged ☐ Differentiated, specify _____

Log of Overburden and Bedrock Materials (see instructions)

General Colour	Most common material	Other Materials	General Description	Depth From	Metres To
	SANDY CLAY			0	3.66
	GREY LIMESTONE			3.66	29.56

Hole Diameter			Construction Record				Test of Well Yield					
Depth From	Metres To	Diameter Centimetres	Inside diam centimetres	Material	Wall thickness centimetres	Depth From	Metres To	Pumping test method	Draw Down Time min	Water Level Metres	Recovery Time min	Water Level Metres
0	29.56	15.23						Sub Pump				
				☒ Steel ☐ Fibreglass				Pump intake seal (metres)	24.38	29.8		3.63
				☐ Plastic ☐ Concrete				Pumping rate (litres/min)	91	3.31	1	3.30
				☐ Galvanized				Duration of pumping	10	3.36	2	3.25
				☐ Steel ☐ Fibreglass				Final water level end of pumping	3.63	3.38	3	3.21
				☐ Plastic ☐ Concrete				Recommended pump type	☐ Shallow ☒ Deep	3.40	4	3.21
				☐ Galvanized				Recommended pump depth	24.38	3.41	5	3.20
				☐ Steel ☐ Fibreglass				Recommended pump rate	91	3.46	10	3.17
				☐ Plastic ☐ Concrete				If flowing give rate -	3.49	3.52	15	3.14
				☐ Galvanized				(litres/min)	3.54	3.54	20	3.13
								If pumping discontinued, give reason.		3.56	25	3.12
										3.59	30	3.12
										3.61	40	3.12
										3.63	50	3.12
											60	3.12

Plugging and Sealing Record ☒ Annular space ☐ Abandonment

Depth set at - Metres: From **6.10** To **0** Material and type (bentonite slurry, neat cement slurry) etc.: **NEAT CEMENT SLURRY** Volume Placed (cubic metres): **0.2724**

Method of Construction

☐ Cable Tool ☐ Rotary (air) ☐ Diamond ☐ Digging

☐ Rotary (conventional) ☒ Air percussion ☐ Jetting ☐ Other

☐ Rotary (reverse) ☐ Boring ☐ Driving

Water Use

☒ Domestic ☐ Industrial ☐ Public Supply ☐ Other

☐ Stock ☐ Commercial ☐ Not used

☐ Irrigation ☐ Municipal ☐ Cooling & air conditioning

Final Status of Well

☒ Water Supply ☐ Recharge well ☐ Unfinished ☐ Abandoned, (Other)

☐ Observation well ☐ Abandoned, insufficient supply ☐ Dewatering

☐ Test Hole ☐ Abandoned, poor quality ☐ Replacement well

Well Contractor/Technician Information

Name of Well Contractor: **AIR ROCK DRILLING CO LTD** Well Contractor's Licence No.: **T1119**

Business Address (street name, number, city etc.): **RR#1 RICHMOND ONT K0A2Z0**

Name of Well Technician (last name, first name): **HOSAN DAN** Well Technician's Licence No.: **T3058**

Signature of Technician/Contractor: **[Signature]** Date Submitted: **2005 11 04**

Location of Well

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

[Diagram: A hand-drawn sketch showing a well location relative to a road labeled 'KING STREET' and a lot line labeled '# 6004 OTTAWA ST'. A distance of '2 KM' is marked along the road, and a distance of '60'' is marked from the lot line. A north arrow points towards the top right corner of the diagram.]

Audit No.: **z 30775** Date Well Completed: **2005 10 04**

Was the well owner's information package delivered? ☒ Yes ☐ No Date Delivered: **2005 10 13**

Ministry Use Only

Data Source: _____ Contractor: **1119**

Date Received: **NOV 14 2005** Date of Inspection: **2005 11 04**

Remarks: **[Handwritten notes]** Well Record Number: _____

A066513

Address of Well Location (Street Number/Name) **(NO CIVIC) Huntley Road** Township **Goulbourn** Lot **24** Concession **4**
 County/District/Municipality **Ottawa-Carleton** City/Town/Village **Richmond** Province **Ontario** Postal Code _____
 UTM Coordinates Zone Easting Northing Municipal Plan and Sublot Number Other _____
 NAD 83 **181435521 5004251**

Overburden and Bedrock Materials/Abandonment Sealing Record (see instructions on the back of this form)					
General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
	- Grey Clay			0	56'
	- Grey Limestone			56'	176'
	- Grey Sandstone + Limestone Mix			176'	240'

Annular Space		
Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
62' 52'	Neat Cement Slurry	9.36
52' 0"	Portland Slurry	16.8

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

Construction Record - Casing				Status of Well	
Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)	From	To
6"	Steel	.188"	12'		
6"	Openhole		62'	62'	240'

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

Water Details		Hole Diameter	
Water found at Depth (m/ft)	Kind of Water: ☐ Fresh ☒ Untested	Depth (m/ft)	Diameter (cm/in)
58'	☐ Gas ☐ Other, specify	From	To
89'	☐ Gas ☐ Other, specify	0'	240' 5 15/16"
232'	☐ Gas ☐ Other, specify		

Well Contractor and Well Technician Information
 Business Name of Well Contractor **Air Rock Drilling Co Ltd** Well Contractor's Licence No. **1119**
 Business Address (Street Number/Name) **Rt #1** Municipality **Richmond**
 Province **ON** Postal Code **K0A2Z0** Business E-mail Address _____
 Bus. Telephone No. (inc. area code) **6138382170** Name of Well Technician (Last Name, First Name) **GRAHAM RYAN**
 Well Technician's Licence No. **T3484** Signature of Technician and/or Contractor **[Signature]** Date Submitted **20060603**

Results of Well Yield Testing			
After test of well yield, water was:		Draw Down	
☐ Clear and sand free		Time (min)	Water Level (m/ft)
☐ Other, specify		Static Level	16' 8"
If pumping discontinued, give reason:		1	7'
Pump intake set at (m/ft)		2	5'
Pumping rate (l/min / GPM)		3	4'
Duration of pumping		4	3'
Final water level end of pumping (m/ft)		5	2'
If flowing give rate (l/min / GPM)		10	
Recommended pump depth (m/ft)		15	
Recommended pump rate (l/min / GPM)		20	
Well production (l/min / GPM)		25	
Disinfected?		30	
☒ Yes ☐ No		40	
		50	
		60	

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

 Comments: _____
 Well owner's information package delivered ☒ Yes ☐ No
 Date Package Delivered **20090519**
 Date Work Completed **20090515**
Ministry Use Only
 Audit No. **200582**
 JUN 08 2009
 Received

Address of Well Location (Street Number/Name) **#5990 Ottawa Street** Township **Goulbourn** Lot **25** Concession **2**
County/District/Municipality **Ottawa-Carleton** City/Town/Village **Richmond** Province **Ontario** Postal Code _____
UTM Coordinates Zone **18** Easting **435522** Northing **5004251** Municipal Plan and Sublot Number _____ Other _____

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

General Colour	Most Common Material	Other Materials	General Description	Depth (m/ft)	
				From	To
	Clay			0	15'
	Grey limestone			15'	84'

*** KEEP Pump ABOVE 45 FT - Broken Rock ***

Annular Space

Depth Set at (m/ft)	Type of Sealant Used (Material and Type)	Volume Placed (m ³ /ft ³)
20' 0	Neat Cement Slurry	6.24

Method of Construction

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft)		Status of Well
			From	To	
6" Steel		1.88"	20'	20'	☒ Water Supply ☐ Replacement Well ☐ Test Hole ☐ Recharge Well ☐ Dewatering Well ☐ Observation and/or Monitoring Hole ☐ Alteration (Construction) ☐ Abandoned, Insufficient Supply ☐ Abandoned, Poor Water Quality ☐ Abandoned, other, specify _____ ☐ Other, specify _____
6" Open hole			20'	84'	

Construction Record - Screen

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

Water Details

Water found at Depth (m/ft)	Kind of Water:	Untested
55' (m/ft)	☐ Gas ☒ Other, specify _____	☒
69' (m/ft)	☐ Gas ☒ Other, specify _____	☒
73' (m/ft)	☐ Gas ☒ Other, specify _____	☒

Hole Diameter

Depth (m/ft)	Diameter (cm/in)
0' 84' 6"	6"

Well Contractor and Well Technician Information

Business Name of Well Contractor **AIR ROCK DRILLING Co LTD 1119** Well Contractor's Licence No. _____
Business Address (Street Number/Name) **RR#1 RICHMOND** Municipality _____
Province **ONT** Postal Code **K0A2Z0** Business E-mail Address _____
Bus. Telephone No. (inc. area code) **613 838 2170** Name of Well Technician (Last Name, First Name) **PURCELL SHANNON**
Well Technician's Licence No. **12122** Signature of Technician and/or Contractor *[Signature]* Date Submitted **20090603**

Results of Well Yield Testing

After test of well yield, water was:
☐ Clear and sand free
☒ Other, specify **NOT TESTED**
 If pumping discontinued, give reason: **X**

Pump intake set at (m/ft) **40**

Pumping rate (l/min / GPM) **20**

Duration of pumping **1** hrs **0** min

Final water level end of pumping (m/ft) **16' 4"**

If flowing give rate (l/min / GPM) **X**

Recommended pump depth (m/ft) **40 (bump)**

Recommended pump rate (l/min / GPM) **20**

Well production (l/min / GPM) **40**

Disinfected? ☒ Yes ☐ No

Draw Down		Recovery	
Time (min)	Water Level (m/ft)	Time (min)	Water Level (m/ft)
Static Level	5' 7"		16' 4"
1	12' 2"	1	7' 8"
2	13' 8"	2	7' 3"
3	14' 5"	3	6' 9"
4	14' 9"	4	6' 5"
5	15' 1"	5	6' 3"
10	15' 5"	10	6'
15	15' 7"	15	5' 8"
20	15' 9"	20	5' 7"
25	16'	25	
30	16' 1"	30	
40	16' 2"	40	
50	16' 3"	50	
60	16' 4"	60	

Map of Well Location

Please provide a map below following instructions on the back.

[Hand-drawn map showing King Street, Ottawa Street, and a well location marked with a circle and crosshairs. A distance of 2KM is indicated along Ottawa Street.]

Comments: _____

Well owner's information package delivered ☒ Yes ☐ No

Date Package Delivered **20090519**

Date Work Completed **20090519**

Ministry Use Only

Audit No. **Z 94580**

Received **JUN 08 2009**

RE: Public Records Search for property in Richmond ON

Public Information Services <publicinformationservices@tssa.org>

Wed 7/26/2017 10:36 AM

To: Greg van Loenen <GvanLoenen@Patersongroup.ca>;

Hi Greg,

Thank you for your inquiry.

I have searched the below noted address (addresses) and I have located the following record:

3855 MCBEAN, Ottawa has record of an under review private self-serve fuel outlet station and 3 active liquid fuel tanks.

For a more detailed report including underground fuel storage tank details and copies of all inspection reports, please submit your request in writing to Public Information Services via e-mail (publicinformationservices@tssa.org) or through mail along with a fee of \$56.50 (including HST) per location. The fee is payable with credit card (Visa or MasterCard) or with a cheque made payable to TSSA.

Although TSSA believes the information provided pursuant to your request is accurate, please note that TSSA does not warrant this information in any way whatsoever.

Thank you,

Roxana



Roxana Mashtaler | Public Information Agent

Facilities

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-3472 | Fax: +1-416-231-6183 | E-Mail: rmashtaler@tssa.org

www.tssa.org



From: Greg van Loenen
[mailto:GvanLoenen@Patersongroup.ca]

Sent:
Tuesday,
July 18,
2017 8:22

AM

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

Subject: Public Records Search for property in Richmond ON

Good afternoon,

Could you please complete a search of your records for underground/aboveground storage tanks, historical spills or other incidents/infractions for the following addresses for properties located in Richmond (Ottawa), ON:

5901 Ottawa St
5935 Ottawa St
5949 Ottawa St

3825 McBean St
3833 McBean St
3835 McBean St
3837 McBean St
3855 McBean St
3887 McBean St

Thank you,

Regards,

Greg van Loenen, B.Eng.

patersongroup

solution oriented engineering

60 years serving our clients

154 Colonnade Road South
Ottawa, Ontario, K2E 7J5

Tel: (613) 226-7381 Ext. 248

Fax: (613) 226-6344

Email: GvanLoenen@patersongroup.ca

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345 Carlingview Drive
Toronto, Ontario M9W 6N9
Tel.: 416 734.3300
Fax: 416 231.1626
Toll Free: 1 877 682 8772

www.tssa.org

Tel: (416) 734-3570

Fax: (416) 734-3568

22 August 2017
File No: FS 63064

Marek Moroz
PATERSON GROUP
154 Colonnade Road South
OTTAWA ON K2E 7J5

Dear Marek:

RE: 3855 McBean, Richmond, Ontario – Your Project No. PE4079

This is with reference to your request and fee of \$50.00 + HST, for information on the above location.

Enclosed are computerised screen prints showing an under review self-serve fuel outlet along with equipment details showing underground fuel storage tank details. Copies of the inspection reports are also attached.

The *Technical Standards and Safety Act* and associated regulations do not require the registration of private fuel outlets. Nor does it require that any documentation on these facilities be submitted to, or reviewed or approved by TSSA. As a result TSSA has limited information on these facilities. TSSA cautions that any information provided may be inaccurate, incomplete or out of date.

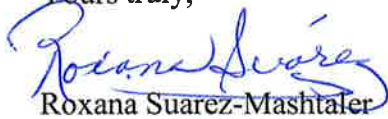
After a search of our files, TSSA has no record of any further outstanding instructions, incident reports, fuel oil spills, or contamination records respecting the above-mentioned property.

This is all the information the Fuels Safety Division has at this time regarding the above address.

It should be noted that the Fuels Safety Division did not register private fuel underground/aboveground storage tanks prior to January of 1990 or furnace oil tanks prior to May 1, 2002. Also note that the Fuels Safety Division does not register waste oil tanks in apartments, office buildings, residences etc. or ABOVEGROUND gas or diesel tanks.

TSSA does not make any representations or warranties with respect to the accuracy or completeness of any records released by TSSA, and the user assumes all risk in using or relying on released records.

Yours truly,



Roxana Suarez-Mashtaler
Public Information Services Agent

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Quick Find

Item Instance

[Advanced Search](#)Logged In As **RMASHTALER****Item Instance Details**Item Instance: **10206915**Item: **FS PRIVATE FUEL OUTLET - SELF SERVE**Item Description: **Fuels Safety Private Fuel Outlet - Self Serve****General Attributes**Organization Name **TSSA Item Master**Instance
NameLast Version Label **1**Version Label
Date **10-DEC-1997 0:00**

Revision

New Version
Label

System

External
Reference

Item Instance Type

Accounting
ClassificationOperational Status **Not Used**Lot Number : **not lot-controlled**Status **Under Review**

Condition

Quantity **1**UOM **Each**Start Date **10-DEC-1997**Start Time **0:00**

Shipped On Date

Shipped On
Time

End Date

End Time

Return By Date

Return By
Time

Actual Return Date

Actual Return
Time

* Indicates required field.

Time format is HH24:MM

Note: You do not have permission to make updates in this page.

☒ Creation
Completed**Owner**Party Type **Party**Party Name: **FIRSTCANADA ULC**Party
Number: **223304**Account Number: **101931**Account
Name **FIRSTCANADA ULC****Current Location**

* Type

Party Site

Party Name **FIRSTCANADA ULC**Party Number **223304**

*Line 1

3855 MCBEANSite Number **224231**Address **3855 MCBEAN****RICHMOND, KOA 220, CA****Installed At**

Installed Date 10-DEC-1997

Installed Time 0:00

Time format is HH24:MM

Change in installed date does not change contract date.

Type **Order**

Sales Order Number	Sales Order Date
Sales Order Line	
Purchase Order Number	Agreement Name

Item Flags

☒ BOM Enabled	☒ Inventory Trackable
☒ IB Trackable	☐ Shippable
☒ Sellable	

Item Views

☐ Merchant	☒ Customer

Descriptive FlexfieldsContext Value 

Select Context Value and click 'Go' to show relevant fields.

Facility Type 2 Facility Type 3 Total Capacity - Liquid Fuel Tanks (L) Total Capacity - Propane Tank s (USWG) * Previous Facility Type Previous Instance Number [Item Instances](#) [Home](#) [Profile](#) [Sign Out](#) [Help](#)

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View : Item Instance : 11521745

Item	FS LIQUID FUEL TANK	System	
Item Description	FS Liquid Fuel Tank	Owner	FIRSTCANADA ULC
		Account Number	101931
General Location Associations Configuration Counters Notes			
External Reference		New Version Label	
Organization	TSSA Item Master	Last Version Label	1
Revision		Creation Date	10-Dec-1997 00:00:00
Instance Name		Status	Active
Quantity	1	Install Date	10-Dec-1997 00:00:00
UOM	Each	Expiration Date	
Item Instance Type		Shipped On Date	
Item Condition		Return By Date	
Accounting Classification	Customer Product	Actual Return Date	
Operational Status Code	Not Used		

Other Item Instance Details

[Transaction History](#)
[Item Instance History](#)
[Operating Units](#)
[Contracts](#)
[Orders](#)
[Service Requests](#)
[Orders and Directives](#)
[View Relationship Graphically](#)
[OMS Orders](#)[Hide Instance Flex Fields](#)[Show Additional Attributes](#)

Fuel Type1	Diesel
	Diesel
Fuel Type2	
Fuel Type3	
Capacity (L)	13600
Tank Material	Fiberglass (FRP)
	Fiberglass (FRP)
Tank Type	Single Wall UST
	Single Wall UST
FS Corrosion Protection	Fiberglass
	Fiberglass
Overfill Protection Type	
Installation Year	1991
ULC Standard	
Manufacturer	
Model	
Serial Number	
Description	

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View : Item Instance : 11521723

Item **FS LIQUID FUEL TANK**
Item Description **FS Liquid Fuel Tank**System
Owner **FIRSTCANADA ULC**
Account Number **101931**Other Item
Instance Details[Transaction History](#)
[Item Instance History](#)
[Operating Units](#)
[Contracts](#)
[Orders](#)
[Service Requests](#)
[Orders and Directives](#)
[View Relationship Graphically](#)
[OMS Orders](#)[General](#) [Location](#) [Associations](#) [Configuration](#) [Counters](#) [Notes](#)

External Reference		New Version Label	
Organization	TSSA Item Master	Last Version Label	1
Revision		Creation Date	10-Dec-1997 00:00:00
Instance Name		Status	Active
Quantity	1	Install Date	10-Dec-1997 00:00:00
UOM	Each	Expiration Date	
Item Instance Type		Shipped On Date	
Item Condition		Return By Date	
Accounting Classification	Customer Product	Actual Return Date	
Operational Status Code	Not Used		

[Hide Instance Flex Fields](#)[Show Additional Attributes](#)

Fuel Type1	Diesel
	Diesel
Fuel Type2	
Fuel Type3	
Capacity (L)	22700
Tank Material	Fiberglass (FRP)
	Fiberglass (FRP)
Tank Type	Single Wall UST
	Single Wall UST
FS Corrosion Protection	Fiberglass
	Fiberglass
Overfill Protection Type	
Installation Year	1991
ULC Standard	
Manufacturer	
Model	
Serial Number	
Description	

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View : Item Instance : 11521704

Item **FS LIQUID FUEL TANK**
Item Description **FS Liquid Fuel Tank**System
Owner **FIRSTCANADA ULC**
Account Number **101931****Other Item
Instance Details**[Transaction History](#)
[Item Instance History](#)
[Operating Units](#)
[Contracts](#)
[Orders](#)
[Service Requests](#)
[Orders and Directives](#)
[View Relationship Graphically](#)
[OMS Orders](#)[General](#) [Location](#) [Associations](#) [Configuration](#) [Counters](#) [Notes](#)

External Reference		New Version Label	
Organization	TSSA Item Master	Last Version Label	1
Revision		Creation Date	10-Dec-1997 00:00:00
Instance Name		Status	Active
Quantity	1	Install Date	10-Dec-1997 00:00:00
UOM	Each	Expiration Date	
Item Instance Type		Shipped On Date	
Item Condition		Return By Date	
Accounting Classification	Customer Product	Actual Return Date	
Operational Status Code	Not Used		

[Hide Instance Flex Fields](#)[Show Additional Attributes](#)

Fuel Type1	Diesel
	Diesel
Fuel Type2	
Fuel Type3	
Capacity (L)	22700
Tank Material	Fiberglass (FRP)
	Fiberglass (FRP)
Tank Type	Single Wall UST
	Single Wall UST
FS Corrosion Protection	Fiberglass
	Fiberglass
Overfill Protection Type	
Installation Year	1991
ULC Standard	
Manufacturer	
Model	
Serial Number	
Description	

[Return to Instance Search](#)[Item Instance](#) [Counters](#) [Mass Update](#) [Close Window](#) [Preferences](#) [Help](#)[Privacy Statement](#)

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Perform Periodic Inspection (FS) for Job 010206918-002 (E006694)

Description:	E006694 Private Fuel Ou 26		Assignments
Status:	Complete by STRATULI		Reports
Assigned To:	John Stratuik	Schedule	
Outcome:	Inspection Complete	Scheduled Start: mmm dd, yyyy	
		Scheduled Complete: mmm dd, yyyy	
		Actual Start: Jul 13, 1999 00:00	
		Actual Complete: Jul 13, 1999 00:00	

Details	Deficiencies	Time	Documents	Comments	O/S Orders	Resolved/Orders	Create Def

Inspection Report Number: E006694

Date of Inspection: Jul 13, 1999

Re-inspection Date: mmm dd, yyyy

Orders Issued To:

To insert general comments on the inspection report, click on the "Comments" Tab and Right Click Insert the comments.

Have you entered your time and saved your report?: ☐ Yes ☐ No

Inspection Display Address: 3855 MCBEAN, RICHMOND, ON, CA K0A 2Z0

Risk Factor:

License Number: 0076509496-C

Tank Vehicle
* Serial-Unit *
Numbers:



Technical
Standards and
Safety Authority

Inspector's Report/
Rapport de l'inspecteur(trice)
Part A/Partie A
Issued under Ontario's Energy Act and/or Gasoline Handling Act
Délivré en vertu de Loi sur les hydrocarbures ou de la Loi sur la manutention de l'essence de l'Ontario

Report No / N° de rapport

E- 006694

Location Inspected / Lieu inspecté	
Laidlaw Transit	
Address / Adresse	
3855 McBean Street	
City/town / Ville	Richmond Ontario
Postal Code / Code postal	K0A-2Z0
Tel. No. / N° de tél.	613-836-7725
Operator's Name / Nom de la personne responsable	
Doug Herd	
Licence No. / N° de permis	
0001039574	

Owner's Name / Nom du/de la propriétaire	
Laidlaw Transit	
Address / Adresse	
100 Cardeau Rd. Port 159	
City/town / Ville	Stittsville Ont
Postal Code / Code postal	K2S-1A0
Tel. No. / N° de tél.	613-836-7725
Fuel Supplier / Fournisseur de combustible	Shell Canada
City / Ville	

Contractor / Entrepreneur	Registration # / N° d'inscription

OPERATION/ACTIVITÉ	SUB TYPE/SOUS TYPE	LOC TYPE/ TYPE DE LIEU	POP DENS/ DENS. DE POP.	FUEL/COMBUSTIBLE	CLASS/CATÉGORIE	REASON/RAISON	TRIGGER/ MOTIVÉ PAR :
20	—	02	01	Diesel	03	26	01
ACTION / MESURES PRISES	ACT/LOI	REG/RÈGLEMENT	DURATION/DURÉE	BILLABLE/ À FACTURER	TRAVEL/VOYAGE	BILL FACTURER	Y/N O/N
01	C.H.A	52/93	2	1	1	Y2	
DAMAGE /DOMMAGES	OCC RATE/ GRAV. DE L'ACC.	CAUSE/CAUSE	CON FACT/ FACT. CONTR.	OCC DATE/ DATE DE L'ACC.	OCC TIME/ HEURE DE L'ACC.	MANDATED MANDAT	Y/N O/N
						Y	
FIELD 1/DOMAIN 1	CALL/INTERVENTION	CONSULT CONSULT.	Y/N O/N	SITE REM REMÉDIER	Y/N O/N		COMPLETED? Y/N TERMINÉE? O/N
	01						Y

Comments/Commentaires
On Site To Audit Private Fuel Facility
Requires Name Change. New Application To Follow

Equipment/Appliance/Component / Matériel/Appareil/Composant

Type/Type	Code/Code
Description/Description	
Manufacturer/Fabricant	
Model/Modèle	Serial No/ N° de serie
Material/Matériel	
Corrosion Protection/Protection contre la corrosion	
Fuel Input Rating/Débit de combustible	
Capacity/Capacité	
Installation Date/Date d'Installation	
Manufacture Date/Date de fabrication	
Supply Pressure/ Pression d'alimentation	Manifold Pressure/ Pression d'admission

Equipment/Appliance/Component / Matériel/Appareil/Composant

Type/Type	Code/Code
Description/Description	
Manufacturer/Fabricant	
Model/Modèle	Serial No/ N° de serie
Material/Matériel	
Corrosion Protection/Protection contre la corrosion	
Fuel Input Rating/Débit de combustible	
Capacity/Capacité	
Installation Date/Date d'Installation	
Manufacture Date/Date de fabrication	
Supply Pressure/ Pression d'alimentation	Manifold Pressure/ Pression d'admission

Client's Signature/Signature du client/de la cliente	Inspector's Name/Nom de l'inspecteur(trice)	Badge No / N° d'insigne
		192
		Date of Inspection/ Date d'Inspection
		99-07-13

Description: E000916 Private Fuel Ou 26

Assignments

Status: Complete by SCARLANM

Assigned To: Mike Scarland

Outcome: Inspection Complete

Schedule

Scheduled Start: mmm dd, yyyy

Scheduled Complete: mmm dd, yyyy

Actual Start: Sep 24, 1997 00:00

Actual Complete: Sep 24, 1997 00:00

Reports

Details

Deficiencies

Time

Documents

Comments

O/S Orders

Resolved/Orders

Create Def

☒ Show Resolved?

Description	Found By	Date	Resolved By	Date

Description: E000916 Private Fuel Ou 26

Assignments

Status: Complete by SCARLANM

Assigned To: Mike Scarland

Outcome: Inspection Complete

Schedule

Scheduled Start: mmm dd, yyyy

Scheduled Complete: mmm dd, yyyy

Actual Start: Sep 24, 1997 00:00

Actual Complete: Sep 24, 1997 00:00

Reports

Details	Deficiencies	Time	Documents	Comments	O/S Orders	Resolved/Orders	Create Def
Note Type	Last Updated By		On	Locked	Note		
FS Deficiency Resolved	Mike Scarland		Sep 24, 1997 00:00:00	☐	GASOLINE REVISED REGULATION 521/93 Section# 05.20.A		
FS Deficiency Resolved	Mike Scarland		Sep 24, 1997 00:00:00	☐	GASOLINE REVISED REGULATION 521/93 Section# 05.74		
FS Deficiency Resolved	Mike Scarland		Sep 24, 1997 00:00:00	☐	GASOLINE REVISED REGULATION 521/93 Section# 08.25		
FS Deficiency Resolved	Mike Scarland		Sep 24, 1997 00:00:00	☐	GASOLINE REVISED REGULATION 521/93 Section# 05.37.C		



Technical
Standards and
Safety Authority

Inspector's Report/
Rapport de l'inspecteur(trice)
Part A/Partie A

Report No / N° de rapport

E- 000916

Issued under Ontario's Energy Act and/or Gasoline Handling Act
Délivré en vertu de Loi sur les hydrocarbures ou de la Loi sur la manutention de l'essence de l'Ontario

Location Inspected / Lieu inspecté	CHARTERWAYS TRANSPORTATION LTD
Address / Adresse	MCBEAN
City/town / Ville	3855 MCBEAN ST.
Postal Code / Code postal	RICHMOND
Operator's Name / Nom de la personne responsable	K0A 2Z0
Licence No / N° de permis	613-838-4106
Contractor / Entrepreneur	DAVE
Registration # / N° d'inscription	0001039574

Owner's Name / Nom du/de la propriétaire	CHARTERWAYS
Address / Adresse	1027 1700PIE DR.
City/town / Ville	NEPEAN
Postal Code / Code postal	K2H 7T8
Fuel Supplier / Fournisseur de combustible	613-8820-746
City / Ville	OTTAWA
Registration # / N° d'inscription	SHELL

OPERATION/ACTIVITÉ	SUB TYPE/SOUS TYPE	LOC TYPE/ TYPE DE LIEU	POP DENS/ DENS. DE POP.	FUEL/COMBUSTIBLE	CLASS/CATÉGORIE	REASON/RAISON	TRIGGER/ MOTIVÉ PAR
20		02	02	DIES	03	26	01
ACTION / MESURES PRISES	ACT/LOI	REG/RÈGLEMENT	DURATION/DURÉE	BILLABLE/ À FACTURER	TRAVEL/VOYAGE	BILL FACTURER	Y/N O/N
01	G.H.	521/93	2.0	1.0	1.0	42	
DAMAGE /DOMMAGES	OCC RATE/ GRAV. DE L'ACC.	CAUSE/CAUSE	CON FACT/ FACT. CONTR.	OCC DATE/ DATE DE L'ACC.	OCC TIME/ HEURE DE L'ACC.	MANDATED MANDAT	Y/N O/N
						Y	
FIELD 1/DOMAINE 1	CALL/INTERVENTION	CONSULT CONSULT.	Y/N O/N	SITE REM REMÉDIER	Y/N O/N	COMPLETED? TERMINÉE?	Y/N O/N
	01	N		N		Y	

Comments/Commentaires

Equipment/Appliance/Component / Matériel/Appareil/Composant

Type/Type	Code/Code
Description/Description	
Manufacturer/Fabricant	
Model/Modèle	Serial No/ N° de série
Material/Matériel	
Corrosion Protection/Protection contre la corrosion	
Fuel Input Rating/Débit de combustible	
Capacity/Capacité	
Installation Date/Date d'installation	
Manufacture Date/Date de fabrication	
Supply Pressure/ Pression d'alimentation	Manifold Pressure/ Pression d'admission

Equipment/Appliance/Component / Matériel/Appareil/Composant

Type/Type	Code/Code
Description/Description	
Manufacturer/Fabricant	
Model/Modèle	Serial No/ N° de série
Material/Matériel	
Corrosion Protection/Protection contre la corrosion	
Fuel Input Rating/Débit de combustible	
Capacity/Capacité	
Installation Date/Date d'installation	
Manufacture Date/Date de fabrication	
Supply Pressure/ Pression d'alimentation	Manifold Pressure/ Pression d'admission

Client's Signature/Signature du client/de la cliente	Inspector's Name/Nom de l'inspecteur(trice)	Badge No / N° d'insigne
	LES HICKIN	151
		Date of Inspection/ Date d'inspection
		97 09 24



File Number: D06-03-21-0002

March 4, 2021

Nick Sullivan
Paterson Group
154 Colonnade Road South

Sent via email [nsullivan@patersongroup.ca]

Dear Nick Sullivan,

**Re: Information Request
6038 & 5970 Ottawa St, 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:

- No information was returned on the Subject Property from Departmental circulation.

Documents Provided:

Excel

The Excel Spread Sheet identifies HLUI area, point and line features within 250 metres of the Subject Property, as shown on the provided Map. 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 <http://www.ebr.gov.on.ca/ERS-WEB-External/> 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

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 Rachel Young at HLUI@ottawa.ca

Sincerely,

A handwritten signature in black ink, appearing to read 'Rachel Young', written in a cursive style.

Rachel Young

Per:

Michael Boughton, MCIP, RPP
Senior Planner
Development Review East
Planning Services
Planning, Infrastructure and Economic Development Department

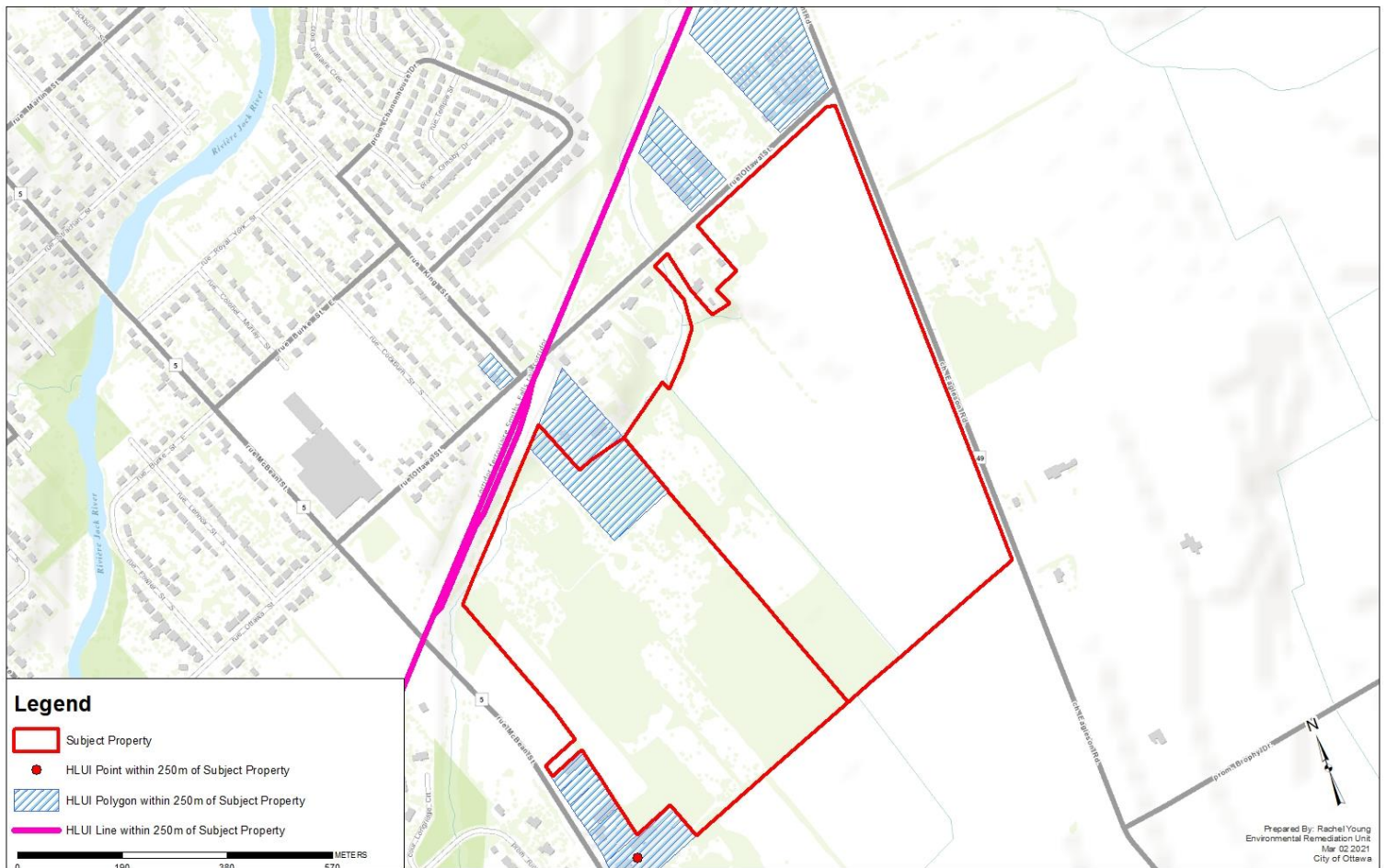
MB / RY

Enclosures.

cc: File no. D06-03-21-0002

Document 1: Map

HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP



OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	SOURCE_UPDATE_SORTED	QAQC	YEAR	YEAR_1	ST_NUM	ST_NAME	ST_SUFFIX	ST_DIR	MUNICIPALITY	ST_NUM2017	ST_NAME2017	ST_SUFFIX2017	ST_DIR2017	POSTAL_CODE2017	PIN2017	MUNICIPALITY2017	NAICS	SIC	COMMENTS	STORAGE_TANK	Shape_Length	Shape_Area	
5822	LALONDE'S RICHMOND	Agricultural Supplies, With	2001-ES; 2005-SelectPhone; 20	1	2005	c. 2001; c.	5901	OTTAWA	ST	EAST		5901	OTTAWA	ST		K0A2Z0	4.4E+07	GOULBOURN	444210; 444220					1025.165188	51930.85123
5824	FERGUSON HAULAGE & H	Highway and Heavy Const	1998-SC; 2001-ES	1	1998-2000	c. 1998; c.	6041	OTTAWA	ST		RICHMON	6041	OTTAWA	ST		K0A2Z0	4.4E+07	GOULBOURN	238390; 238910	421; 456; 991				184.4537519	1927.258399
7104	REGIONAL ELECTRIC M	Other-Garage	2001-ES; 2004-GWStudy; 2005-	1	2001-2012	ES 2001; c.	3825	MCBEAN	ST			3825	MCBEAN	ST		K0A2Z0	1.5E+08	GOULBOURN	232520; 418990; 811111; 811411					268.8831524	4406.368356
7105	RALPH & MILTON ELEC	Mechanical Specialty Wor	2001-ES	1	2001	c. 2001	3825	MCBEAN	ST		RICHMON	3825	MCBEAN	ST		K0A2Z0	1.5E+08	GOULBOURN	238210					268.8831524	4406.368356
7106	J & K PLUMBING & CEN	Highway and Heavy Const	2001-ES; 2005-SelectPhone; 20	1	2001-2012	c. 2001; c.	3825	MCBEAN	ST			3825	MCBEAN	ST		K0A2Z0	1.5E+08	GOULBOURN	238210; 238220; 238910	#5				268.8831524	4406.368356
7107	CLIMATE WORKS LTD.	Other services (except out	2016-PID	1	2016	PID2016	3825	MCBEAN	ST		RICHMON	3825	MCBEAN	ST		K0A2Z0	1.5E+08	GOULBOURN		811310				268.8831524	4406.368356
7245	LENTECH AUTOMATICS	Other-Workshop	2006-ES; 2012-ES; 2017-SalesG	1	2006-2017	ES 2006; c.	3835	MCBEAN	ST			3835	MCBEAN	ST		K0A2Z0	3.9E+07	GOULBOURN	336350; 811111; 811119					269.2065442	4379.476642
7246	RICHMOND AUTO CARE	Automobile Repairing & S	2006-ES; 2012-ES; 2017-Salec	1	2006-2017	ES 2006; c.	3835	MCBEAN	ST			3835	MCBEAN	ST		K0A2Z0	3.9E+07	GOULBOURN	336350; 811111; 811119					269.2065442	4379.476642
7247	AIRTEC SHEET METAL I	Mechanical Specialty Wor	1998-SC; 2001-ES; 2005-Select	1	1998-2005	c. 1998; c.	3835	MCBEAN	ST			3835	MCBEAN	ST		K0A2Z0	3.9E+07	GOULBOURN	238140; 238150	423; 424				269.2065442	4379.476642
7248	MIKE'S SERVICE CENTR	Motor Vehicle Repair Sho	1998/99-GGTBD; 1998-SC	1	1998-1999	c. 1998-19	3837	MCBEAN	ST		GOULBO	3835	MCBEAN	ST		K0A2Z0	3.9E+07	GOULBOURN	811112; 811115	635				269.2065442	4379.476642
7249	PRESTIGE CUSTOM MA	Interior and Finishing Wor	2005-SelectPhone; 2006-ES	1	2005	c. 2005	6038	OTTAWA	ST			6048	OTTAWA	ST		K0A2Z0	3.9E+07	GOULBOURN		238340		6048	812.2422104	36007.36813	
7250	STONE SOLUTIONS	Stone-Retail	2017-SalesGenie	1	2017	SalesGenie 2017					RICHMON	6048	OTTAWA	ST		K0A2Z0	3.9E+07	GOULBOURN	44419062	5211-66		6048	812.2422104	36007.36813	
7747	AUTOPRO DEALERS	Motor Vehicle Repair Sho	1998/1999-SC	1	1998-1999		5949	OTTAWA	ST		TOWNSH	5949	OTTAWA	ST			4.4E+07	TOWNSHIP OF GOULBOURN					374.2788853	5263.7961	
7748	THE CAR-O-PRACTOR	Motor Vehicle Repair Sho	1998/1999-SC	1	1998-1999		5949	OTTAWA	ST		TOWNSH	5949	OTTAWA	ST			4.4E+07	TOWNSHIP OF GOULBOURN					374.2788853	5263.7961	

OBJECTID	ACTIVITY_NAME	FACILITY_TYPE	TANK_LOCATION	TANK_CONTENT	TANK_SIZE	TANK_TYPE	TANK_STATUS	SOURCE	INSTALLED_ST_NUM	INSTALLED_ST_NAME	INSTALLED_ST_ABR	INSTALLED_ST_DIR	COMMENT	MTM_X	MTM_Y	IMAGE_MAP	IMAGE_CERTAINTY	IMAGE_MAP_Z	TANK_MATERIAL	TANK_ID	TANK_LEAKING	TANK_REMOVED	REMOVED_DATE	DATE_INSTALLED	NATURE_OF_BUSINESS	SCANNED_DRAWING	TEMPERATURE	CAPACITY_UOM	MUNICIPALITY	POSTCODE
9328	CHARTERWAYS TRANS	Private Fuel Outlet		diesel	22700	Cancelled	Current	GW Study 2004	3855	MCBEAN	<Null>	<Null>	3855 MCBEAN	357668.0036	5005961.309									19830401	Private		1590	L	RICHMOND	K0A 2Z0
9329	CHARTERWAYS TRANS	Private Fuel Outlet		diesel	13600	Cancelled	Current	GW Study 2004	3855	MCBEAN	<Null>	<Null>	3855 MCBEAN	357668.0036	5005961.309									19830401	Private		1591	L	RICHMOND	K0A 2Z0
10001	LAIDLAW TRANSIT LTD	Private Fuel Outlet		diesel	22700	Pending Int	Current	GW Study 2004	3855	MCBEAN	<Null>	<Null>	3855 MCBEAN	357668.0036	5005961.309									19830401	Private		2792	L	RICHMOND	K0A 2Z0
10002	LAIDLAW TRANSIT LTD	Private Fuel Outlet		diesel	22700	Pending Int	Current	GW Study 2004	3855	MCBEAN	<Null>	<Null>	3855 MCBEAN	357668.0036	5005961.309									19830401	Private		2793	L	RICHMOND	K0A 2Z0
10003	LAIDLAW TRANSIT LTD	Private Fuel Outlet		diesel	13600	Pending Int	Current	GW Study 2004	3855	MCBEAN	<Null>	<Null>	3855 MCBEAN	357668.0036	5005961.309									19830401	Private		2794	L	RICHMOND	K0A 2Z0

HLUI SUMMARY REPORT
LINEAR FEATURES

OBJECTID	SOURCE	FEATURE	YEAR	COMMENT	NAME	Shape_Length
419	City of Ottawa	Railway				13.00025
420	City of Ottawa	Railway				460.257
423	City of Ottawa	Railway				574.0974
424	City of Ottawa	Railway				373.0885
425	City of Ottawa	Railway				45.65013
426	City of Ottawa	Railway				0.045563
427	City of Ottawa	Railway				458.0136
428	City of Ottawa	Railway				0.208148
429	City of Ottawa	Railway				47.71968
430	City of Ottawa	Railway				314.2362



DATABASE **REPORT**

Project Property:	<i>Phase I ESA Vacant Land - Richmond (Ottawa) Ottawa ON PE4079</i>
Project No:	
Report Type:	<i>RSC Report - Quote</i>
Order No:	<i>20321800180</i>
Requested by:	<i>Paterson Group Inc.</i>
Date Completed:	<i>December 23, 2020</i>

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Executive Summary

Property Information:

Project Property: *Phase I ESA
Vacant Land - Richmond (Ottawa) Ottawa ON*

Project No: *PE4079*

Order Information:

Order No: *20321800180*
Date Requested: *December 18, 2020*
Requested by: *Paterson Group Inc.*
Report Type: *RSC Report - Quote*

Historical/Products:

Topographic Map *RSC Maps*

Executive Summary: Report Summary

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</i>	<i>Total</i>
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	1	1
BORE	Borehole	Y	0	14	14
CA	Certificates of Approval	Y	0	2	2
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
CHM	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	3	3
EASR	Environmental Activity and Sector Registry	Y	0	1	1
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	5	5
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	2	2
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	5	5
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	49	49
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0

<i>Database</i>	<i>Name</i>	<i>Searched</i>	<i>Project Property</i>	<i>Boundary to 0.30km</i>	<i>Total</i>
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0
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
NPRI	National Pollutant Release Inventory	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	6	6
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	1	1
PTTW	Permit to Take Water	Y	0	0	0
REC	Ontario Regulation 347 Waste Receivers Summary	Y	0	0	0
RSC	Record of Site Condition	Y	0	0	0
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	9	9
SPL	Ontario Spills	Y	0	2	2
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	1	89	90
Total:			1	193	194

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
1	WWIS		lot 25 con 2 ON Well ID: 1528204	SE/0.0	0.00	46

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
2	WWIS		ON Well ID: 1509235	NW/20.9	-2.00	50
3	BORE		ON	NW/20.9	-2.00	52
4	WWIS		lot 2 con 6 ON Well ID: 1506369	E/40.6	0.85	53
5	WWIS		lot 26 con 3 ON Well ID: 1514676	NNE/41.3	-1.00	55
6	WWIS		ON Well ID: 1509315	NNW/47.7	-1.00	59
7	BORE		ON	NNW/47.8	-1.00	61
8	BORE		ON	NNE/78.1	-1.00	63
9	WWIS		lot 4 con 6 ON Well ID: 1506372	NNE/78.2	-1.00	64
10	WWIS		ON Well ID: 1514856	N/81.5	-1.93	67
11	WWIS		ON Well ID: 1509111	W/84.9	0.00	69
12	BORE		ON	NNE/88.0	-0.80	72
13	WWIS		lot 24 con 2 ON	SSW/89.2	1.00	73

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1517837			
14	DTNK	CHARTERWAYS TRANSPORTATION LTD	3855 MCBEAN RICHMOND ON	SSW/91.0	1.00	76
14	DTNK	CHARTERWAYS TRANSPORTATION LTD	3855 MCBEAN RICHMOND ON	SSW/91.0	1.00	76
14	DTNK	CHARTERWAYS TRANSPORTATION LTD	3855 MCBEAN RICHMOND ON	SSW/91.0	1.00	76
14	FST	FIRSTCANADA ULC	3855 MCBEAN RICHMOND K0A 2Z0 ON CA 3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	SSW/91.0	1.00	77
14	FST	FIRSTCANADA ULC	3855 MCBEAN RICHMOND K0A 2Z0 ON CA 3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	SSW/91.0	1.00	77
14	FST	FIRSTCANADA ULC	3855 MCBEAN RICHMOND K0A 2Z0 ON CA 3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	SSW/91.0	1.00	78
14	GEN	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET RICHMOND ON	SSW/91.0	1.00	79
14	GEN	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET PO Box 1229 RICHMOND ON K0A 2Z0	SSW/91.0	1.00	79
14	GEN	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET PO Box 1229 RICHMOND ON K0A 2Z0	SSW/91.0	1.00	79
14	GEN	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET PO Box 1229 RICHMOND ON K0A 2Z0	SSW/91.0	1.00	80
14	GEN	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET PO Box 1229 RICHMOND ON K0A 2Z0	SSW/91.0	1.00	80

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>14</u>	GEN	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET PO Box 1229 RICHMOND ON K0A 2Z0	SSW/91.0	1.00	<u>81</u>
<u>15</u>	GEN	Railterm inc.	6058 Ottawa Street Richmond ON K0A 2Z0	WNW/91.7	0.00	<u>81</u>
<u>16</u>	PRT	CHARTERWAYS TRANSPORTATION LTD	3855 MCBEAN RICHMOND ON	SSW/94.9	1.00	<u>81</u>
<u>16</u>	SCT	OTTAWA VALLEY KITCHEN CABINET	3855 MCBEAN ST RICHMOND ON K0A 2Z0	SSW/94.9	1.00	<u>82</u>
<u>16</u>	SCT	Ottawa Valley Kitchen Cabinet Manufacturing Ltd.	3855 McBean St Richmond ON	SSW/94.9	1.00	<u>82</u>
<u>16</u>	GEN	CHARTERWAYS TRANSPORTATION LTD. 08-522	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	SSW/94.9	1.00	<u>82</u>
<u>16</u>	GEN	CHARTERWAYS TRANSPORTATION LTD	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	SSW/94.9	1.00	<u>83</u>
<u>16</u>	GEN	LAIDLAW TRANSIT LIMITED	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	SSW/94.9	1.00	<u>83</u>
<u>16</u>	GEN	OTTAWA VALLEY KITCHENS	3855 MCBEAN ST. RICHMOND ON K0A 2Z0	SSW/94.9	1.00	<u>84</u>
<u>16</u>	GEN	OTTAWA VALLEY KITCHENS 29-579	3855 MCBEAN ST. PO BOX 1229 RICHMOND ON K0A 2Z0	SSW/94.9	1.00	<u>84</u>
<u>16</u>	GEN	OTTAWA VALLEY KITCHENS	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	SSW/94.9	1.00	<u>84</u>
<u>16</u>	GEN	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	SSW/94.9	1.00	<u>84</u>
<u>16</u>	GEN	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	SSW/94.9	1.00	<u>85</u>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<u>16</u>	GEN	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	SSW/94.9	1.00	<u>85</u>
<u>16</u>	GEN	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	SSW/94.9	1.00	<u>86</u>
<u>16</u>	GEN	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	SSW/94.9	1.00	<u>86</u>
<u>17</u>	GEN	CHARTERWAYS TRANSPORTATION LTD.	3855 MCBEAN STREET, RICHMOND HILL C/O 1027 MOODIE DRIVE NEPEAN ON K2H 7T8	SSW/95.1	1.00	<u>86</u>
<u>17</u>	GEN	CHARTERWAYS TRANSPORTATION LTD.	3855 MCBEAN STREET, RICHMOND C/O 1027 MOODIE DRIVE NEPEAN ON K2H 7T8	SSW/95.1	1.00	<u>87</u>
<u>18</u>	EHS		3785 McBean St Richmond ON K0A 2Z0	SW/96.2	0.00	<u>87</u>
<u>19</u>	SPL	PRIVATE BUSINESS	5949 OTTAWA ST. IN VILLAGE OF RICHMOND FUEL STORAGE TANK GOULBOURN TOWNSHIP ON	NNW/97.6	-2.00	<u>87</u>
<u>19</u>	CA	405295 Ontario Limited	5949 Ottawa Street Ottawa ON	NNW/97.6	-2.00	<u>88</u>
<u>20</u>	WWIS		5990 OTTAWA ST. lot 25 con 2 RICHMOND ON <i>Well ID: 7123927</i>	NW/99.1	-1.14	<u>88</u>
<u>21</u>	WWIS		HUNTLEY RD. NO CIVIC # lot 24 con 4 RICHMOND ON <i>Well ID: 7123924</i>	NW/99.9	-1.14	<u>95</u>
<u>22</u>	EASR	405295 ONTARIO LIMITED	5949 PO BOX 490, OTTAWA STREET RICHMOND ON K0A 2Z0	NNW/99.9	-2.00	<u>102</u>
<u>22</u>	ECA	405295 Ontario Limited	5949 Ottawa Street Ottawa ON K0A 2Z0	NNW/99.9	-2.00	<u>102</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>23</u>	BORE		ON	E/100.3	0.00	<u>102</u>
<u>24</u>	EHS		3785 McBean Street Richmond ON K0A 2Z0	WSW/101.8	0.00	<u>103</u>
<u>25</u>	WWIS		lot 25 con 3 ON Well ID: 1531908	NW/102.0	-2.00	<u>103</u>
<u>26</u>	WWIS		lot 24 con 2 ON Well ID: 1518579	W/102.6	0.00	<u>107</u>
<u>26</u>	WWIS		lot 24 con 2 ON Well ID: 1518580	W/102.6	0.00	<u>110</u>
<u>27</u>	ECA	1750723 Ontario limited	3785 McBean St Ottawa ON	SW/103.5	0.00	<u>113</u>
<u>28</u>	SCT	Regional Electric Motors Inc.	3825 McBean St Richmond ON K0A 2Z0	SW/105.2	0.00	<u>113</u>
<u>28</u>	GEN	CLIMATE WORKS LTD.	3825 MCBEAN STREET RICHMOND ON	SW/105.2	0.00	<u>114</u>
<u>28</u>	GEN	CLIMATE WORKS LTD.	3825 MCBEAN STREET RICHMOND ON K0A 2Z0	SW/105.2	0.00	<u>114</u>
<u>28</u>	GEN	CLIMATE WORKS LTD.	3825 MCBEAN STREET RICHMOND ON K0A 2Z0	SW/105.2	0.00	<u>114</u>
<u>28</u>	GEN	CLIMATE WORKS LTD.	3825 MCBEAN STREET RICHMOND ON K0A 2Z0	SW/105.2	0.00	<u>115</u>
<u>29</u>	WWIS		ON Well ID: 1510997	WNW/110.1	0.00	<u>115</u>
<u>30</u>	SCT	R A B DEDESCO LIMITED	5935 OTTAWA ST RICHMOND ON K0A 2Z0	NNW/110.2	-2.00	<u>117</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>30</u>	SCT	QUATROSENSE ENVIRONMENTAL LTD	5935 OTTAWA ST RICHMOND ON K0A 2Z0	NNW/110.2	-2.00	<u>117</u>
<u>30</u>	SCT	QUATROSENSE ENVIRONMENTAL LTD.	5935 Ottawa St Richmond ON K0A 2Z0	NNW/110.2	-2.00	<u>118</u>
<u>30</u>	SCT	RAB Dedesco Limited	5935 Ottawa St Richmond ON K0A 2Z0	NNW/110.2	-2.00	<u>118</u>
<u>30</u>	SCT	QEL-Quatrosense Environmental	5935 Ottawa St Richmond ON K0A 2Z0	NNW/110.2	-2.00	<u>118</u>
<u>30</u>	GEN	QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	NNW/110.2	-2.00	<u>119</u>
<u>30</u>	GEN	QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	NNW/110.2	-2.00	<u>119</u>
<u>30</u>	EHS		5935 Ottawa Street Richmond ON	NNW/110.2	-2.00	<u>119</u>
<u>30</u>	GEN	QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	NNW/110.2	-2.00	<u>119</u>
<u>30</u>	GEN	QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	NNW/110.2	-2.00	<u>120</u>
<u>30</u>	GEN	QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	NNW/110.2	-2.00	<u>120</u>
<u>30</u>	GEN	QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON	NNW/110.2	-2.00	<u>120</u>
<u>30</u>	GEN	QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	NNW/110.2	-2.00	<u>121</u>
<u>30</u>	GEN	QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	NNW/110.2	-2.00	<u>121</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>30</u>	GEN	QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	NNW/110.2	-2.00	<u>121</u>
<u>30</u>	GEN	QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	NNW/110.2	-2.00	<u>122</u>
<u>30</u>	GEN	QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	NNW/110.2	-2.00	<u>122</u>
<u>31</u>	WWIS		ON Well ID: 1515324	WNW/114.6	0.00	<u>122</u>
<u>32</u>	BORE		ON	W/115.8	1.08	<u>125</u>
<u>33</u>	AUWR	TRIPLE R AUTO DEPOT	3839 MCBEAN RCHMND ON	SSW/120.4	1.00	<u>126</u>
<u>33</u>	GEN	TRIPLE R AUTO DEPOT	3839 MCBEAN STREET RICHMOND ON K0A 2Z0	SSW/120.4	1.00	<u>126</u>
<u>34</u>	EHS		3837 McBean Street Richmond ON K0A 2Z0	SSW/122.4	1.00	<u>127</u>
<u>35</u>	ECA	1496369 Ontario Inc.	3837 McBean St Richmond Ottawa ON	SSW/122.4	1.00	<u>127</u>
<u>36</u>	WWIS		3837 MCBEAN ST lot 24 con 2 RICHMOND ON Well ID: 7318395	SSW/125.6	1.00	<u>127</u>
<u>37</u>	WWIS		lot 2 con 6 ON Well ID: 1506370	E/125.9	0.00	<u>130</u>
<u>38</u>	WWIS		ON Well ID: 1509093	WNW/128.9	0.00	<u>133</u>
<u>39</u>	WWIS		lot 24 con 3 ON Well ID: 1511083	W/130.4	0.00	<u>135</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
40	BORE		ON	W/130.5	0.00	137
41	WWIS		ON <i>Well ID:</i> 1509289	WSW/130.6	0.00	139
42	WWIS		lot 3 con 6 ON <i>Well ID:</i> 1517577	NE/131.3	-1.00	141
43	WWIS		6004 OTTAWA STREET lot 25 con 2 RICHMOND ON <i>Well ID:</i> 1535994	NW/134.5	-1.00	144
44	WWIS		ON <i>Well ID:</i> 1509113	WNW/135.9	0.00	150
45	BORE		ON	SW/136.6	0.00	153
46	WWIS		lot 24 con 2 ON <i>Well ID:</i> 1520171	SSW/145.1	1.00	154
46	WWIS		lot 24 con 2 ON <i>Well ID:</i> 1520272	SSW/145.1	1.00	158
46	WWIS		lot 24 con 2 ON <i>Well ID:</i> 1521588	SSW/145.1	1.00	161
46	WWIS		lot 24 con 2 ON <i>Well ID:</i> 1521853	SSW/145.1	1.00	164
46	WWIS		lot 24 con 2 ON <i>Well ID:</i> 1523490	SSW/145.1	1.00	167
47	WWIS		ON <i>Well ID:</i> 1509115	W/146.0	0.00	171
48	WWIS		ON <i>Well ID:</i> 1509164	WSW/147.6	0.00	173

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>49</u>	WWIS		lot 24 con 2 ON Well ID: 1531657	SSW/147.8	1.00	<u>176</u>
<u>50</u>	WWIS		lot 24 con 3 ON Well ID: 1509733	WNW/149.4	0.00	<u>179</u>
<u>51</u>	WWIS		lot 24 con 2 ON Well ID: 1517200	W/151.0	0.00	<u>182</u>
<u>52</u>	WWIS		ON Well ID: 1509169	W/152.0	0.00	<u>184</u>
<u>53</u>	WWIS		6041 OTTAWA ST. lot 24 con 3 RICHMOND ON Well ID: 7110589	WNW/152.4	0.00	<u>187</u>
<u>54</u>	WWIS		ON Well ID: 1511257	WNW/153.1	0.00	<u>194</u>
<u>55</u>	WWIS		lot 24 con 2 ON Well ID: 1518220	WNW/156.5	0.00	<u>197</u>
<u>56</u>	WWIS		ON Well ID: 1510336	WNW/158.9	0.00	<u>200</u>
<u>57</u>	WWIS		lot 24 con 2 ON Well ID: 1518354	SW/166.4	1.00	<u>203</u>
<u>58</u>	WWIS		ON Well ID: 1509284	SSW/166.7	1.00	<u>206</u>
<u>59</u>	BORE		ON	SSW/166.8	1.00	<u>208</u>
<u>60</u>	PES	RICHMOND GARDENS	5901 OTTAWA ST, UNIT 5901 RICHMOND ON K0A 2Z0	N/171.3	-2.00	<u>209</u>
<u>60</u>	PES	RICHMOND GARDENS	5901 OTTAWA ST, UNIT 5901 RICHMOND ON K0A2Z0	N/171.3	-2.00	<u>210</u>

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
60	SCT	Lalonde Richmond Gardens	5901 Ottawa St Richmond ON K0A 2Z0	N/171.3	-2.00	210
60	PES	RICHMOND GARDENS	5901 OTTAWA ST, UNIT 5901 RICHMOND ON K0A 2Z0	N/171.3	-2.00	210
60	EHS		5901 Ottawa St Ottawa ON K0A2Z0	N/171.3	-2.00	211
60	PES	CREEK SIDE GARDENS INC. O/A CREEKSIDE GARDENS	5901 OTTAWA ST RICHMOND ON K0A2Z0	N/171.3	-2.00	211
60	PES	RITCHIE FEED AND SEED INC	5901 OTTAWA ST RICHMOND ON K0A2Z0	N/171.3	-2.00	211
60	PES	RICHMOND GARDENS	5901 OTTAWA ST, UNIT 5901 RICHMOND ON K0A2Z0	N/171.3	-2.00	212
61	WWIS		3837 MCBEAN ST lot 24 con 2 RICHMOND ON Well ID: 7318396	SW/171.7	1.00	212
62	WWIS		lot 23 con 2 ON Well ID: 1515362	SW/180.1	0.00	215
63	EXP	CHARTERWAYS TRANSPORTATION LTD	3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	SSW/180.6	1.00	218
63	EXP	CHARTERWAYS TRANSPORTATION LTD	3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	SSW/180.6	1.00	219
63	FST	CHARTERWAYS TRANSPORTATION LTD	3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	SSW/180.6	1.00	219
63	FST	CHARTERWAYS TRANSPORTATION LTD	3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	SSW/180.6	1.00	220
64	WWIS		ON	SSW/180.8	1.00	220

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1502400			
65	WWIS		ON	W/184.3	0.00	222
			Well ID: 1509139			
66	WWIS		ON	WNW/186.6	0.00	225
			Well ID: 1509257			
67	WWIS		ON	SSW/187.9	1.33	227
			Well ID: 1502401			
68	WWIS		ON	WNW/191.5	0.00	229
			Well ID: 1516664			
69	WWIS		ON	W/194.0	0.00	233
			Well ID: 1509116			
70	WWIS		ON	W/194.3	0.00	235
			Well ID: 1510301			
71	BORE		ON	WNW/197.5	0.00	237
72	WWIS		lot 24 con 3 ON	WNW/206.2	0.00	238
			Well ID: 1517199			
73	WWIS		ON	W/209.7	0.00	241
			Well ID: 1516543			
74	WWIS		ON	WNW/218.5	0.00	244
			Well ID: 1509128			
75	WWIS		ON	WNW/218.9	0.00	246
			Well ID: 1516764			
76	WWIS		ON	W/222.8	0.00	249
			Well ID: 1509123			
77	BORE		ON	SSW/223.8	0.97	251

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
78	WWIS		lot 24 con 2 ON Well ID: 1510022	SW/225.1	0.00	252
79	WWIS		ON Well ID: 1510624	WNW/231.7	0.00	255
80	WWIS		(NO CIVIC) MCBEAN ST. lot 3 con 3 RICHMOND ON Well ID: 7115343	WSW/233.1	0.00	258
81	BORE		ON	WNW/235.7	0.00	265
82	WWIS		lot 24 con 3 ON Well ID: 1510052	WNW/238.2	0.00	266
83	WWIS		ON Well ID: 1502396	W/239.3	0.00	268
84	WWIS		ON Well ID: 1515051	SW/241.7	0.00	270
85	WWIS		CHANONHOUSE DR. LOT 27 lot 25 con 3 RICHMOND ON Well ID: 7123245	NW/244.6	-1.03	274
86	WWIS		108 KING STREET RICHMOND ON Well ID: 7050800	WNW/246.0	0.00	280
87	WWIS		lot 23 con 2 ON Well ID: 1532396	SW/247.0	1.00	285
88	WWIS		lot 23 con 3 ON Well ID: 1533079	W/252.3	0.00	288
89	WWIS		RICHMOND FOREST LOT 30 lot 25 con 3 RICHMOND ON Well ID: 7121463	NW/252.6	-1.31	291
90	WWIS		lot 23 con 2 ON	WSW/257.3	0.00	297

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1515418			
91	WWIS		LOT 29 RICHMOND FOREST lot 25 con 3 RICHMOND ON Well ID: 7115740	NW/262.3	-1.00	300
92	WWIS		ON Well ID: 1509138	W/263.5	0.00	305
93	WWIS		LOT 25 RICHMOND FOREST lot 25 con 3 RICHMOND ON Well ID: 7112996	NW/265.7	-1.00	308
94	WWIS		RICHMOND FOREST LOT 28 lot 25 con 3 RICHMOND ON Well ID: 7123247	NW/266.7	-1.03	313
95	WWIS		RICHMOND FOREST LOT 23 lot 25 con 3 RICHMOND ON Well ID: 7127131	NW/275.0	-0.14	319
96	WWIS		RICHMOND FOREST LOT 24 lot 25 con 3 RICHMOND ON Well ID: 7127128	NW/275.8	0.00	325
97	WWIS		RICHMOND FOREST LOT 26 lot 25 con 3 RICHMOND ON Well ID: 7123244	NW/275.8	-0.24	330
98	WWIS		lot 222 con 2 ON Well ID: 1533080	WNW/279.0	-1.12	336
99	WWIS		CHANONHOUSE LOT 12 lot 25 con 3 RICHMOND ON Well ID: 7127126	NW/279.5	-0.31	339
100	SPL	City of Ottawa	52 Chanonhouse Drive, Richmond Ottawa ON	NNW/280.0	-2.00	344
101	WWIS		ON Well ID: 1509180	WNW/280.7	0.00	345
102	WWIS		6140 OTTAWA STREET lot 23 con 3 RICHMOND ON Well ID: 1534997	W/281.1	0.00	347
103	WWIS		ON	WNW/281.7	0.00	354

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
			Well ID: 1509303			
104	WWIS		RICHMOND FOREST LOT 10 lot 25 con 3 RICHMOND ON Well ID: 7119244	NW/284.9	0.00	357
105	WWIS		RICHMOND FOREST LOT 31 lot 25 con 3 RICHMOND ON Well ID: 7121464	NNW/285.3	-1.31	362
106	WWIS		TEST WELL 3, KING STREET lot 25 con 3 RICHMOND ON Well ID: 1535453	NNW/285.3	-2.03	367
107	WWIS		RICHMOND FOREST LOT 22 lot 25 con 3 RICHMOND ON Well ID: 7119251	NW/285.5	-0.20	371
108	WWIS		ON Well ID: 1509721	WNW/285.8	0.00	376
109	WWIS		LOT 21, CHANONHOUSE DRIVE lot 25 con 3 RICHMOND ON Well ID: 7139902	NW/286.9	-0.20	379
110	WWIS		lot 1 con 6 ON Well ID: 1506368	ESE/290.3	2.00	385
111	BORE		ON	ESE/290.5	2.00	387
112	WWIS		lot 24 con 3 ON Well ID: 1509795	W/290.9	0.00	388
113	BORE		ON	W/290.9	0.00	391
114	WWIS		LOT 13- CHANONHOUSE DRIVE lot 25 con 3 RICHMOND ON Well ID: 7139891	NW/291.8	-1.00	392
115	WWIS		lot 5 con 6 ON Well ID: 1516987	NNE/294.3	-3.00	399

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>116</u>	WWIS		LOT 8 RICHMOND FOREST lot 25 con 3 RICHMOND ON Well ID: 7112983	NW/299.4	0.00	<u>402</u>
<u>117</u>	GEN	CARLETON BOARD OF EDUCATION	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	W/299.9	0.00	<u>408</u>
<u>117</u>	GEN	CARLETON BOARD OF EDUCATION 07-623	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	W/299.9	0.00	<u>408</u>
<u>117</u>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	W/299.9	0.00	<u>409</u>
<u>117</u>	CA	Ottawa-Carleton District School Board	3673 McBean St Ottawa ON	W/299.9	0.00	<u>410</u>
<u>117</u>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON	W/299.9	0.00	<u>410</u>
<u>117</u>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON	W/299.9	0.00	<u>411</u>
<u>117</u>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON	W/299.9	0.00	<u>412</u>
<u>117</u>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	W/299.9	0.00	<u>413</u>
<u>117</u>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON	W/299.9	0.00	<u>413</u>
<u>117</u>	ECA	Ottawa-Carleton District School Board	3673 McBean St Ottawa ON K2H 6L3	W/299.9	0.00	<u>414</u>
<u>117</u>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	W/299.9	0.00	<u>415</u>

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist (m)</i>	<i>Elev Diff (m)</i>	<i>Page Number</i>
<u>117</u>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	W/299.9	0.00	<u>415</u>
<u>117</u>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	W/299.9	0.00	<u>416</u>
<u>117</u>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	W/299.9	0.00	<u>417</u>
<u>117</u>	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	W/299.9	0.00	<u>419</u>
<u>118</u>	WWIS		LOT 9 RICHMOND FOREST lot 25 con 3 RICHMOND ON <i>Well ID: 7112965</i>	NW/300.5	0.00	<u>420</u>

Executive Summary: Summary By Data Source

AUWR - Automobile Wrecking & Supplies

A search of the AUWR database, dated 1999-Jun 30, 2020 has found that there are 1 AUWR site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
TRIPLE R AUTO DEPOT	3839 MCBEAN RCHMND ON	120.4	<u>33</u>

BORE - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 14 BORE site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	20.9	<u>3</u>
	ON	47.8	<u>7</u>
	ON	78.1	<u>8</u>
	ON	88.0	<u>12</u>
	ON	100.3	<u>23</u>
	ON	115.8	<u>32</u>
	ON	130.5	<u>40</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	136.6	<u>45</u>
	ON	166.8	<u>59</u>
	ON	197.5	<u>71</u>
	ON	223.8	<u>77</u>
	ON	235.7	<u>81</u>
	ON	290.5	<u>111</u>
	ON	290.9	<u>113</u>

CA - Certificates of Approval

A search of the CA database, dated 1985-Oct 30, 2011* has found that there are 2 CA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
405295 Ontario Limited	5949 Ottawa Street Ottawa ON	97.6	<u>19</u>
Ottawa-Carleton District School Board	3673 McBean St Ottawa ON	299.9	<u>117</u>

DTNK - Delisted Fuel Tanks

A search of the DTNK database, dated Jul 31, 2020 has found that there are 3 DTNK site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CHARTERWAYS TRANSPORTATION LTD	3855 MCBEAN RICHMOND ON	91.0	<u>14</u>
CHARTERWAYS TRANSPORTATION LTD	3855 MCBEAN RICHMOND ON	91.0	<u>14</u>
CHARTERWAYS TRANSPORTATION LTD	3855 MCBEAN RICHMOND ON	91.0	<u>14</u>

EASR - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Nov 30, 2020 has found that there are 1 EASR site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
405295 ONTARIO LIMITED	5949 PO BOX 490, OTTAWA STREET RICHMOND ON K0A 2Z0	99.9	<u>22</u>

ECA - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Nov 30, 2020 has found that there are 4 ECA site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
405295 Ontario Limited	5949 Ottawa Street Ottawa ON K0A 2Z0	99.9	<u>22</u>
1750723 Ontario limited	3785 McBean St Ottawa ON	103.5	<u>27</u>
1496369 Ontario Inc.	3837 McBean St Richmond Ottawa ON	122.4	<u>35</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
Ottawa-Carleton District School Board	3673 McBean St Ottawa ON K2H 6L3	299.9	117

EHS - ERIS Historical Searches

A search of the EHS database, dated 1999-Oct 31, 2020 has found that there are 5 EHS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	3785 McBean St Richmond ON K0A 2Z0	96.2	18
	3785 McBean Street Richmond ON K0A 2Z0	101.8	24
	5935 Ottawa Street Richmond ON	110.2	30
	3837 McBean Street Richmond ON K0A 2Z0	122.4	34
	5901 Ottawa St Ottawa ON K0A2Z0	171.3	60

EXP - List of Expired Fuels Safety Facilities

A search of the EXP database, dated Jul 31, 2020 has found that there are 2 EXP site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CHARTERWAYS TRANSPORTATION LTD	3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	180.6	63
CHARTERWAYS TRANSPORTATION LTD	3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	180.6	63

FST - Fuel Storage Tank

A search of the FST database, dated Jul 31, 2020 has found that there are 5 FST site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
FIRSTCANADA ULC	3855 MCBEAN RICHMOND K0A 2Z0 ON CA 3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	91.0	<u>14</u>
FIRSTCANADA ULC	3855 MCBEAN RICHMOND K0A 2Z0 ON CA 3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	91.0	<u>14</u>
FIRSTCANADA ULC	3855 MCBEAN RICHMOND K0A 2Z0 ON CA 3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	91.0	<u>14</u>
CHARTERWAYS TRANSPORTATION LTD	3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	180.6	<u>63</u>
CHARTERWAYS TRANSPORTATION LTD	3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	180.6	<u>63</u>

GEN - Ontario Regulation 347 Waste Generators Summary

A search of the GEN database, dated 1986-Jul 31, 2020 has found that there are 49 GEN site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET RICHMOND ON	91.0	<u>14</u>
OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET PO Box 1229 RICHMOND ON K0A 2Z0	91.0	<u>14</u>
OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET PO Box 1229 RICHMOND ON K0A 2Z0	91.0	<u>14</u>
OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET PO Box 1229 RICHMOND ON K0A 2Z0	91.0	<u>14</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET PO Box 1229 RICHMOND ON K0A 2Z0	91.0	<u>14</u>
OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET PO Box 1229 RICHMOND ON K0A 2Z0	91.0	<u>14</u>
Railterm inc.	6058 Ottawa Street Richmond ON K0A 2Z0	91.7	<u>15</u>
CHARTERWAYS TRANSPORTATION LTD. 08-522	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	94.9	<u>16</u>
CHARTERWAYS TRANSPORTATION LTD	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	94.9	<u>16</u>
LAIDLAW TRANSIT LIMITED	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	94.9	<u>16</u>
OTTAWA VALLEY KITCHENS	3855 MCBEAN ST. RICHMOND ON K0A 2Z0	94.9	<u>16</u>
OTTAWA VALLEY KITCHENS 29-579	3855 MCBEAN ST. PO BOX 1229 RICHMOND ON K0A 2Z0	94.9	<u>16</u>
OTTAWA VALLEY KITCHENS	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	94.9	<u>16</u>
OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	94.9	<u>16</u>
OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	94.9	<u>16</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	94.9	<u>16</u>
OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	94.9	<u>16</u>
OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	94.9	<u>16</u>
CHARTERWAYS TRANSPORTATION LTD.	3855 MCBEAN STREET, RICHMOND HILL C/O 1027 MOODIE DRIVE NEPEAN ON K2H 7T8	95.1	<u>17</u>
CHARTERWAYS TRANSPORTATION LTD.	3855 MCBEAN STREET, RICHMOND C/O 1027 MOODIE DRIVE NEPEAN ON K2H 7T8	95.1	<u>17</u>
CLIMATE WORKS LTD.	3825 MCBEAN STREET RICHMOND ON	105.2	<u>28</u>
CLIMATE WORKS LTD.	3825 MCBEAN STREET RICHMOND ON K0A 2Z0	105.2	<u>28</u>
CLIMATE WORKS LTD.	3825 MCBEAN STREET RICHMOND ON K0A 2Z0	105.2	<u>28</u>
CLIMATE WORKS LTD.	3825 MCBEAN STREET RICHMOND ON K0A 2Z0	105.2	<u>28</u>
QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	110.2	<u>30</u>
QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	110.2	<u>30</u>
QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	110.2	<u>30</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	110.2	<u>30</u>
QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	110.2	<u>30</u>
QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON	110.2	<u>30</u>
QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	110.2	<u>30</u>
QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	110.2	<u>30</u>
QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	110.2	<u>30</u>
QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	110.2	<u>30</u>
QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	110.2	<u>30</u>
QUATROSENSE ENVIRONMENTAL LIMITED	5935 OTTAWA STREET RICHMOND ON K0A 2Z0	110.2	<u>30</u>
TRIPLE R AUTO DEPOT	3839 MCBEAN STREET RICHMOND ON K0A 2Z0	120.4	<u>33</u>
CARLETON BOARD OF EDUCATION	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	299.9	<u>117</u>
CARLETON BOARD OF EDUCATION 07-623	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	299.9	<u>117</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	299.9	<u>117</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON	299.9	<u>117</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON	299.9	<u>117</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON	299.9	<u>117</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	299.9	<u>117</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON	299.9	<u>117</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	299.9	<u>117</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	299.9	<u>117</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	299.9	<u>117</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	299.9	<u>117</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	299.9	<u>117</u>
OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	299.9	<u>117</u>

PES - Pesticide Register

A search of the PES database, dated Oct 2011-Nov 30, 2020 has found that there are 6 PES site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
RICHMOND GARDENS	5901 OTTAWA ST, UNIT 5901 RICHMOND ON K0A 2Z0	171.3	<u>60</u>
RICHMOND GARDENS	5901 OTTAWA ST, UNIT 5901 RICHMOND ON K0A2Z0	171.3	<u>60</u>
RICHMOND GARDENS	5901 OTTAWA ST, UNIT 5901 RICHMOND ON K0A 2Z0	171.3	<u>60</u>
CREEK SIDE GARDENS INC. O/A CREEKSIDE GARDENS	5901 OTTAWA ST RICHMOND ON K0A2Z0	171.3	<u>60</u>
RITCHIE FEED AND SEED INC	5901 OTTAWA ST RICHMOND ON K0A2Z0	171.3	<u>60</u>
RICHMOND GARDENS	5901 OTTAWA ST, UNIT 5901 RICHMOND ON K0A2Z0	171.3	<u>60</u>

PRT - Private and Retail Fuel Storage Tanks

A search of the PRT database, dated 1989-1996* has found that there are 1 PRT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
CHARTERWAYS TRANSPORTATION LTD	3855 MCBEAN RICHMOND ON	94.9	<u>16</u>

SCT - Scott's Manufacturing Directory

A search of the SCT database, dated 1992-Mar 2011* has found that there are 9 SCT site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
OTTAWA VALLEY KITCHEN CABINET	3855 MCBEAN ST RICHMOND ON K0A 2Z0	94.9	<u>16</u>
Ottawa Valley Kitchen Cabinet Manufacturing Ltd.	3855 McBean St Richmond ON	94.9	<u>16</u>
Regional Electric Motors Inc.	3825 McBean St Richmond ON K0A 2Z0	105.2	<u>28</u>
R A B DEDESCO LIMITED	5935 OTTAWA ST RICHMOND ON K0A 2Z0	110.2	<u>30</u>
QUATROSENSE ENVIRONMENTAL LTD	5935 OTTAWA ST RICHMOND ON K0A 2Z0	110.2	<u>30</u>
QUATROSENSE ENVIRONMENTAL LTD.	5935 Ottawa St Richmond ON K0A 2Z0	110.2	<u>30</u>
RAB Dedesco Limited	5935 Ottawa St Richmond ON K0A 2Z0	110.2	<u>30</u>
QEL-Quatrosense Environmental	5935 Ottawa St Richmond ON K0A 2Z0	110.2	<u>30</u>
Lalonde Richmond Gardens	5901 Ottawa St Richmond ON K0A 2Z0	171.3	<u>60</u>

SPL - Ontario Spills

A search of the SPL database, dated 1988-Nov 2019 has found that there are 2 SPL site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
PRIVATE BUSINESS	5949 OTTAWA ST. IN VILLAGE OF RICHMOND FUEL STORAGE TANK GOULBOURN TOWNSHIP ON	97.6	<u>19</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
City of Ottawa	52 Chanonhouse Drive, Richmond Ottawa ON	280.0	<u>100</u>

WWIS - Water Well Information System

A search of the WWIS database, dated Apr 30, 2020 has found that there are 91 WWIS site(s) within approximately 0.30 kilometers of the project property.

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 25 con 2 ON <i>Well ID:</i> 1528204	0.0	<u>1</u>
	ON <i>Well ID:</i> 1509235	20.9	<u>2</u>
	lot 2 con 6 ON <i>Well ID:</i> 1506369	40.6	<u>4</u>
	lot 26 con 3 ON <i>Well ID:</i> 1514676	41.3	<u>5</u>
	ON <i>Well ID:</i> 1509315	47.7	<u>6</u>
	lot 4 con 6 ON <i>Well ID:</i> 1506372	78.2	<u>9</u>
	ON <i>Well ID:</i> 1514856	81.5	<u>10</u>
	ON <i>Well ID:</i> 1509111	84.9	<u>11</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 24 con 2 ON <i>Well ID:</i> 1517837	89.2	<u>13</u>
	5990 OTTAWA ST. lot 25 con 2 RICHMOND ON <i>Well ID:</i> 7123927	99.1	<u>20</u>
	HUNTLEY RD. NO CIVIC # lot 24 con 4 RICHMOND ON <i>Well ID:</i> 7123924	99.9	<u>21</u>
	lot 25 con 3 ON <i>Well ID:</i> 1531908	102.0	<u>25</u>
	lot 24 con 2 ON <i>Well ID:</i> 1518579	102.6	<u>26</u>
	lot 24 con 2 ON <i>Well ID:</i> 1518580	102.6	<u>26</u>
	ON <i>Well ID:</i> 1510997	110.1	<u>29</u>
	ON <i>Well ID:</i> 1515324	114.6	<u>31</u>
	3837 MCBEAN ST lot 24 con 2 RICHMOND ON <i>Well ID:</i> 7318395	125.6	<u>36</u>
	lot 2 con 6 ON <i>Well ID:</i> 1506370	125.9	<u>37</u>
	ON <i>Well ID:</i> 1509093	128.9	<u>38</u>
	lot 24 con 3 ON	130.4	<u>39</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Well ID: 1511083		
	ON	130.6	<u>41</u>
	Well ID: 1509289		
	lot 3 con 6 ON	131.3	<u>42</u>
	Well ID: 1517577		
	6004 OTTAWA STREET lot 25 con 2 RICHMOND ON	134.5	<u>43</u>
	Well ID: 1535994		
	ON	135.9	<u>44</u>
	Well ID: 1509113		
	lot 24 con 2 ON	145.1	<u>46</u>
	Well ID: 1520171		
	lot 24 con 2 ON	145.1	<u>46</u>
	Well ID: 1520272		
	lot 24 con 2 ON	145.1	<u>46</u>
	Well ID: 1521588		
	lot 24 con 2 ON	145.1	<u>46</u>
	Well ID: 1521853		
	lot 24 con 2 ON	145.1	<u>46</u>
	Well ID: 1523490		
	ON	146.0	<u>47</u>
	Well ID: 1509115		
	ON	147.6	<u>48</u>
	Well ID: 1509164		

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	lot 24 con 2 ON <i>Well ID:</i> 1531657	147.8	<u>49</u>
	lot 24 con 3 ON <i>Well ID:</i> 1509733	149.4	<u>50</u>
	lot 24 con 2 ON <i>Well ID:</i> 1517200	151.0	<u>51</u>
	ON <i>Well ID:</i> 1509169	152.0	<u>52</u>
	6041 OTTAWA ST. lot 24 con 3 RICHMOND ON <i>Well ID:</i> 7110589	152.4	<u>53</u>
	ON <i>Well ID:</i> 1511257	153.1	<u>54</u>
	lot 24 con 2 ON <i>Well ID:</i> 1518220	156.5	<u>55</u>
	ON <i>Well ID:</i> 1510336	158.9	<u>56</u>
	lot 24 con 2 ON <i>Well ID:</i> 1518354	166.4	<u>57</u>
	ON <i>Well ID:</i> 1509284	166.7	<u>58</u>
	3837 MCBEAN ST lot 24 con 2 RICHMOND ON <i>Well ID:</i> 7318396	171.7	<u>61</u>
	lot 23 con 2 ON	180.1	<u>62</u>

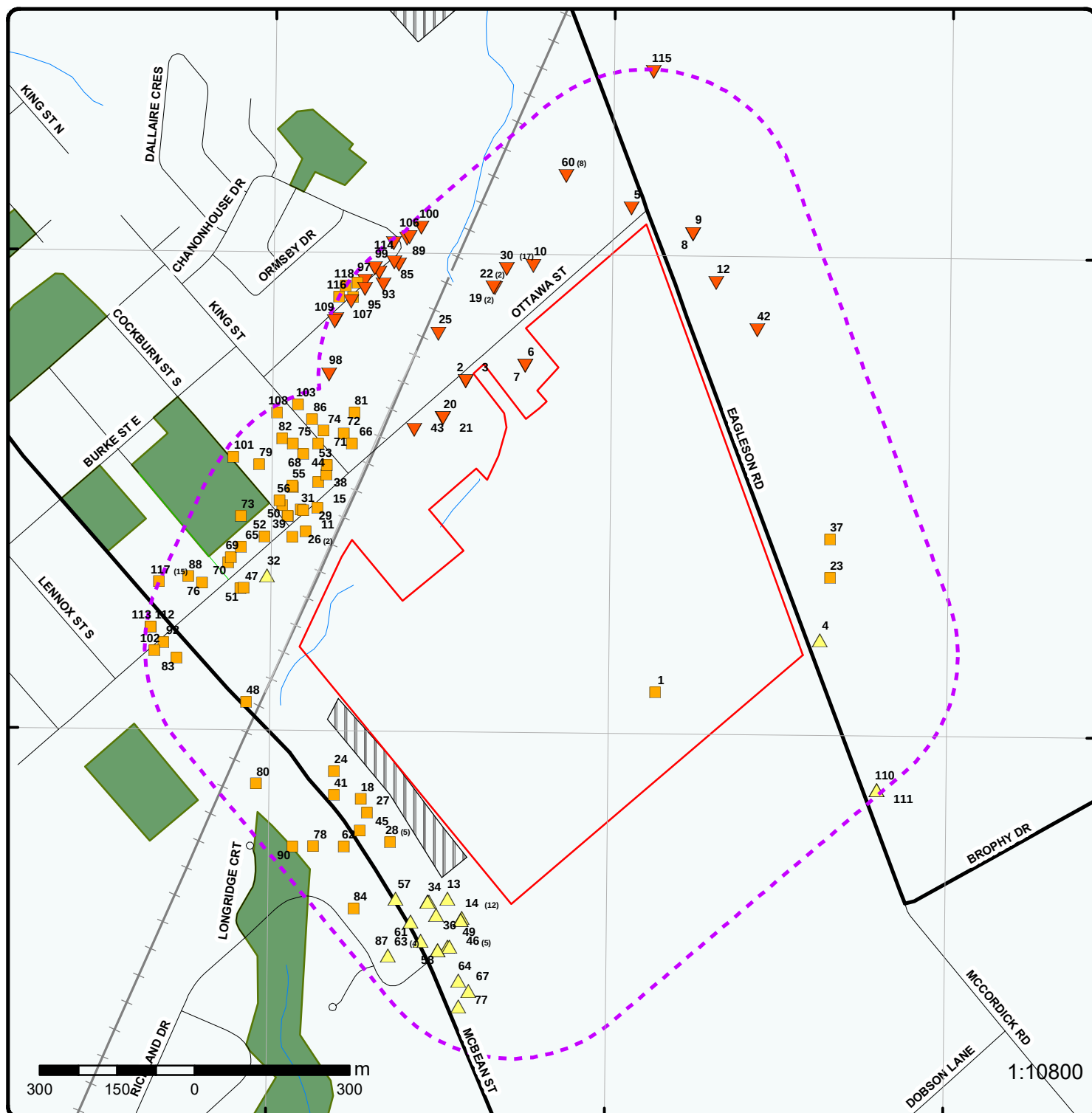
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Well ID: 1515362		
	ON	180.8	<u>64</u>
	Well ID: 1502400		
	ON	184.3	<u>65</u>
	Well ID: 1509139		
	ON	186.6	<u>66</u>
	Well ID: 1509257		
	ON	187.9	<u>67</u>
	Well ID: 1502401		
	ON	191.5	<u>68</u>
	Well ID: 1516664		
	ON	194.0	<u>69</u>
	Well ID: 1509116		
	ON	194.3	<u>70</u>
	Well ID: 1510301		
	lot 24 con 3 ON	206.2	<u>72</u>
	Well ID: 1517199		
	ON	209.7	<u>73</u>
	Well ID: 1516543		
	ON	218.5	<u>74</u>
	Well ID: 1509128		
	ON	218.9	<u>75</u>
	Well ID: 1516764		

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	ON <i>Well ID:</i> 1509123	222.8	<u>76</u>
	lot 24 con 2 ON <i>Well ID:</i> 1510022	225.1	<u>78</u>
	ON <i>Well ID:</i> 1510624	231.7	<u>79</u>
	(NO CIVIC) MCBEAN ST. lot 3 con 3 RICHMOND ON <i>Well ID:</i> 7115343	233.1	<u>80</u>
	lot 24 con 3 ON <i>Well ID:</i> 1510052	238.2	<u>82</u>
	ON <i>Well ID:</i> 1502396	239.3	<u>83</u>
	ON <i>Well ID:</i> 1515051	241.7	<u>84</u>
	CHANONHOUSE DR. LOT 27 lot 25 con 3 RICHMOND ON <i>Well ID:</i> 7123245	244.6	<u>85</u>
	108 KING STREET RICHMOND ON <i>Well ID:</i> 7050800	246.0	<u>86</u>
	lot 23 con 2 ON <i>Well ID:</i> 1532396	247.0	<u>87</u>
	lot 23 con 3 ON <i>Well ID:</i> 1533079	252.3	<u>88</u>
	RICHMOND FOREST LOT 30 lot 25 con 3 RICHMOND ON	252.6	<u>89</u>

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	Well ID: 7121463		
	lot 23 con 2 ON	257.3	<u>90</u>
	Well ID: 1515418		
	LOT 29 RICHMOND FOREST lot 25 con 3 RICHMOND ON	262.3	<u>91</u>
	Well ID: 7115740		
	ON	263.5	<u>92</u>
	Well ID: 1509138		
	LOT 25 RICHMOND FOREST lot 25 con 3 RICHMOND ON	265.7	<u>93</u>
	Well ID: 7112996		
	RICHMOND FOREST LOT 28 lot 25 con 3 RICHMOND ON	266.7	<u>94</u>
	Well ID: 7123247		
	RICHMOND FOREST LOT 23 lot 25 con 3 RICHMOND ON	275.0	<u>95</u>
	Well ID: 7127131		
	RICHMOND FOREST LOT 24 lot 25 con 3 RICHMOND ON	275.8	<u>96</u>
	Well ID: 7127128		
	RICHMOND FOREST LOT 26 lot 25 con 3 RICHMOND ON	275.8	<u>97</u>
	Well ID: 7123244		
	lot 222 con 2 ON	279.0	<u>98</u>
	Well ID: 1533080		
	CHANONHOUSE LOT 12 lot 25 con 3 RICHMOND ON	279.5	<u>99</u>
	Well ID: 7127126		
	ON	280.7	<u>101</u>
	Well ID: 1509180		

<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	6140 OTTAWA STREET lot 23 con 3 RICHMOND ON <i>Well ID:</i> 1534997	281.1	<u>102</u>
	ON <i>Well ID:</i> 1509303	281.7	<u>103</u>
	RICHMOND FOREST LOT 10 lot 25 con 3 RICHMOND ON <i>Well ID:</i> 7119244	284.9	<u>104</u>
	RICHMOND FOREST LOT 31 lot 25 con 3 RICHMOND ON <i>Well ID:</i> 7121464	285.3	<u>105</u>
	TEST WELL 3, KING STREET lot 25 con 3 RICHMOND ON <i>Well ID:</i> 1535453	285.3	<u>106</u>
	RICHMOND FOREST LOT 22 lot 25 con 3 RICHMOND ON <i>Well ID:</i> 7119251	285.5	<u>107</u>
	ON <i>Well ID:</i> 1509721	285.8	<u>108</u>
	LOT 21, CHANONHOUSE DRIVE lot 25 con 3 RICHMOND ON <i>Well ID:</i> 7139902	286.9	<u>109</u>
	lot 1 con 6 ON <i>Well ID:</i> 1506368	290.3	<u>110</u>
	lot 24 con 3 ON <i>Well ID:</i> 1509795	290.9	<u>112</u>
	LOT 13- CHANONHOUSE DRIVE lot 25 con 3 RICHMOND ON <i>Well ID:</i> 7139891	291.8	<u>114</u>
	lot 5 con 6 ON	294.3	<u>115</u>

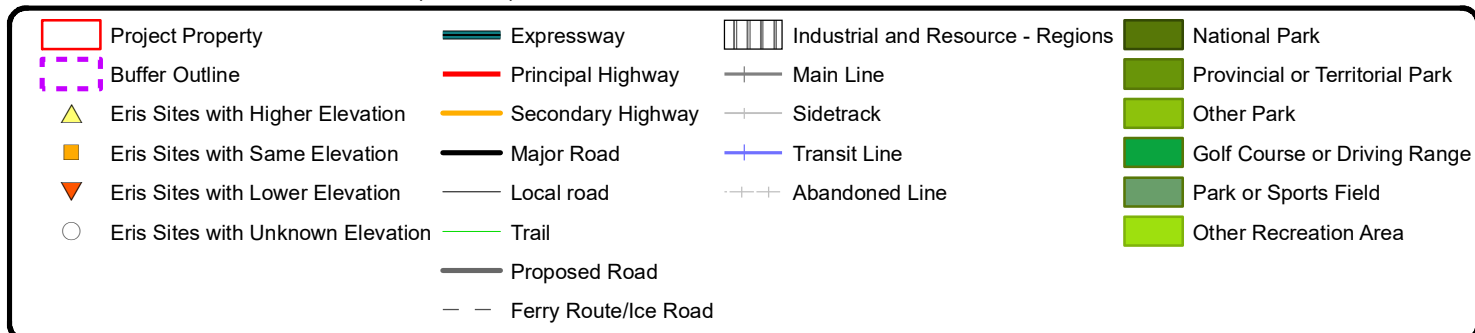
<u>Site</u>	<u>Address</u>	<u>Distance (m)</u>	<u>Map Key</u>
	<i>Well ID:</i> 1516987		
	LOT 8 RICHMOND FOREST lot 25 con 3 RICHMOND ON	299.4	<u>116</u>
	<i>Well ID:</i> 7112983		
	LOT 9 RICHMOND FOREST lot 25 con 3 RICHMOND ON	300.5	<u>118</u>
	<i>Well ID:</i> 7112965		

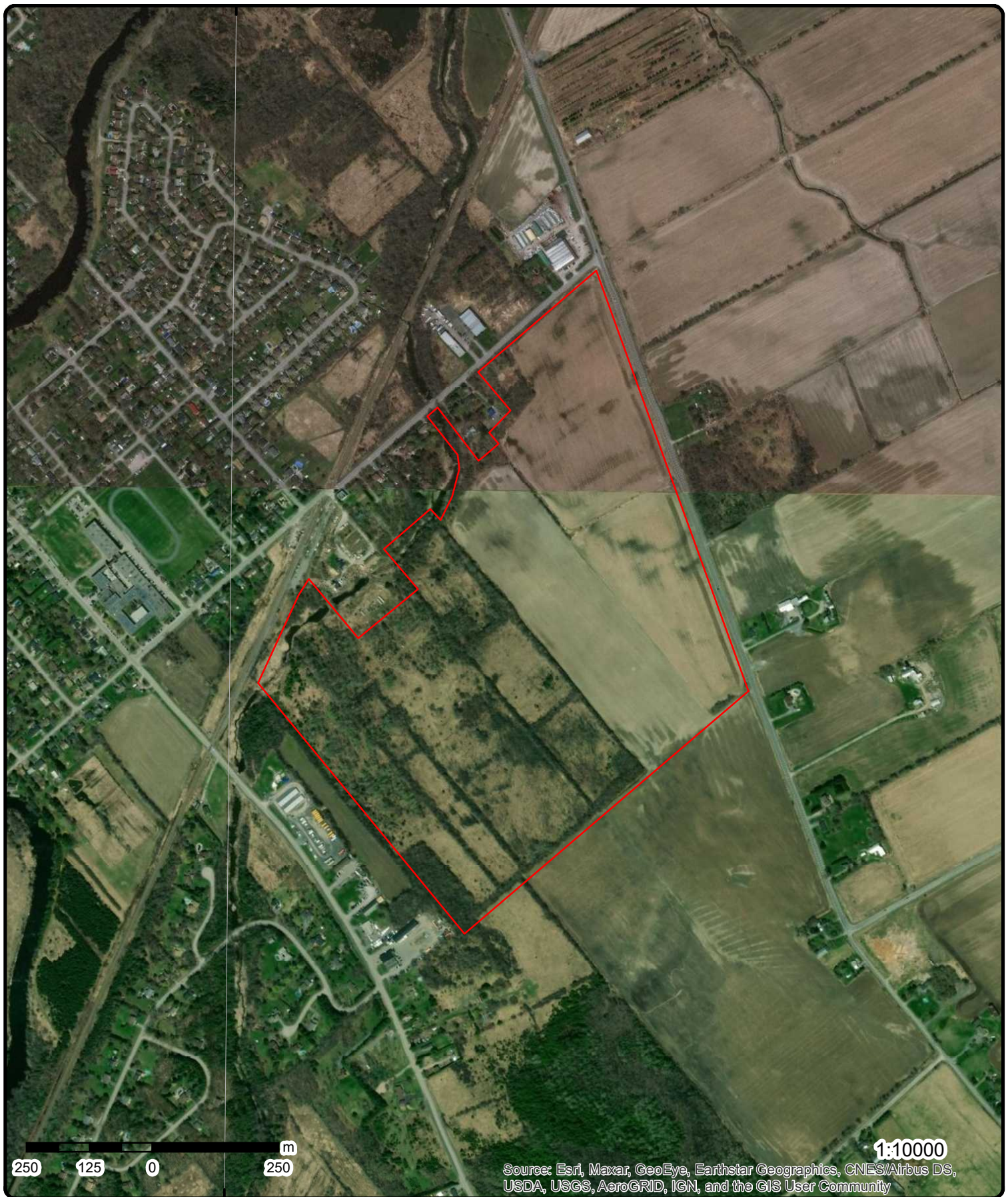


Map : 0.3 Kilometer Radius

Order Number: 20321800180

Address: Vacant Land - Richmond (Ottawa), Ottawa, ON





Aerial Year: 2015

Address: Vacant Land - Richmond (Ottawa), Ottawa, ON

Source: ESRI World Imagery

Order Number: 20321800180



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Detail Report

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

[1](#)

1 of 1

SE/0.0

94.9 / 0.00

lot 25 con 2
ON

WWIS

Well ID:	1528204	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	10/7/1994
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1558
Casing Material:		Form Version:	1
Audit No:	147720	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	025
Well Depth:		Concession:	02
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1528204.pdf

Bore Hole Information

Bore Hole ID:	10049743	Elevation:	95.545745
DP2BR:	23	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435932.7
Code OB Desc:	Bedrock	North83:	5003720
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	8/19/1994	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	lot
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931068932
Layer:	5
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		165			
Formation End Depth:		298			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931068930			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		12			
Formation End Depth:		23			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931068931			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		23			
Formation End Depth:		165			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931068928			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		4			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931068929			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		4			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933113072			
Layer:		1			
Plug From:		0			
Plug To:		24			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961528204			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10598313			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930086941			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		298			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930086940			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		25			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991528204			
Pump Set At:					
Static Level:		11			
Final Level After Pumping:		25			
Recommended Pump Depth:		30			
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934905373			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934648189			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		30			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934387252			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		45			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934112443			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933487811			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		215			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933487812			
Layer:		2			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		286			
Water Found Depth UOM:		ft			
<u>2</u>	1 of 1	NW/20.9	92.9 / -2.00	ON	WWIS
Well ID:	1509235			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/7/1960
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4825
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509235.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10031268			Elevation:	93.208259
DP2BR:	13			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	435565.7
Code OB Desc:	Bedrock			North83:	5004322
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	8/5/1960			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931011738				
Layer:	2				
Color:					
General Color:					
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		13			
Formation End Depth:		59			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931011737			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		13			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961509235			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10579838			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930055187			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		59			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930055186			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		26			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991509235				
Pump Set At:					
Static Level:	5				
Final Level After Pumping:	6				
Recommended Pump Depth:	30				
Pumping Rate:	6				
Flowing Rate:					
Recommended Pump Rate:	5				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	0				
Pumping Duration MIN:	30				
Flowing:	No				
<u>Water Details</u>					
Water ID:	933464043				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	55				
Water Found Depth UOM:	ft				
<u>3</u>	1 of 1	NW/20.9	92.9 / -2.00	ON	BORE
Borehole ID:	610322			Inclin FLG:	No
OGF ID:	215511837			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	AUG-1960			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.189437
Total Depth m:	18			Longitude DD:	-75.820244
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	435566
Drill Method:				Northing:	5004322
Orig Ground Elev m:	91.4			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	93.2				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218385268			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	4			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		CLAY.			
Geology Stratum ID:	218385269			Mat Consistency:	Dense
Top Depth:	4			Material Moisture:	
Bottom Depth:	18			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Limestone			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:		LIMESTONE. 00055WN. SILT,SAND,TILL. BROWN,DENSE TO VERY DENSE. 00004049DENSE TO VERY DENSE.			
 Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:				Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Details:		File: OTTAWA1.txt RecordID: 02830 NTS_Sheet:			
Confiden 1:					
 Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Originators:		Geological Survey of Canada			
<u>4</u>	1 of 1	E/40.6	95.7 / 0.85	lot 2 con 6 ON	WWIS
Well ID:	1506369			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/6/1959
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4824
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	002
Well Depth:				Concession:	06
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506369.pdf			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10028412			Elevation:	96.025154
DP2BR:	22			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	436250.7
Code OB Desc:	Bedrock			North83:	5003822
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	8/15/1959			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931004377				
Layer:	1				
Color:	3				
General Color:	BLUE				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	22				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931004378				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	22				
Formation End Depth:	80				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961506369				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10576982			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930049570			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930049571			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		80			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991506369			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		20			
Recommended Pump Depth:		20			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		No			
 <u>Water Details</u>					
Water ID:		933460503			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		70			
Water Found Depth UOM:		ft			
5	1 of 1	NNE/41.3	93.9 / -1.00	lot 26 con 3 ON	WWIS
Well ID:	1514676			Data Entry Status:	
Construction Date:				Data Src:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Primary Water Use:	Commerical			Date Received:	5/29/1975
Sec. Water Use:	Domestic			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3644
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	026
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1514676.pdf

Bore Hole Information

Bore Hole ID:	10036646	Elevation:	94.65287
DP2BR:	45	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435886.7
Code OB Desc:	Bedrock	North83:	5004657
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	3/17/1975	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931026950
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	45
Formation End Depth:	95
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931026947
Layer:	1
Color:	2
General Color:	GREY

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		02			
Mat2 Desc:		TOPSOIL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		4			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931026949			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		10			
Formation End Depth:		45			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931026948			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		4			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961514676			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10585216			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930064771			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		48			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991514676			
Pump Set At:					
Static Level:		4			
Final Level After Pumping:		50			
Recommended Pump Depth:		50			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934644082			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934383512			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934901969			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934100496			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50			
Test Level UOM:		ft			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID:		933470604			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		94			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		933470603			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			
6	1 of 1	NNW/47.7	93.9 / -1.00	ON	WWIS
Well ID:	1509315			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/19/1967
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1503
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509315.pdf				
 <u>Bore Hole Information</u>					
Bore Hole ID:	10031348			Elevation:	94.289802
DP2BR:	22			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	435680.7
Code OB Desc:	Bedrock			North83:	5004352
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	8/25/1967			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		931011913			
Layer:		3			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		22			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931011912			
Layer:		2			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		15			
Formation End Depth:		22			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931011911			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		15			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961509315			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579918			
Casing No:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Comment: Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930055347			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		26			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930055348			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		60			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991509315			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		12			
Recommended Pump Depth:		35			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933464137			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		58			
Water Found Depth UOM:		ft			
<u>7</u>	1 of 1	NNW/47.8	93.9 / -1.00	ON	BORE
Borehole ID:	610324			Inclin FLG:	No
OGF ID:	215511839			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Use:				Primary Name:	
Completion Date:	AUG-1967			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.189717
Total Depth m:	18.3			Longitude DD:	-75.818784
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	435681
Drill Method:				Northing:	5004352
Orig Ground Elev m:	94.5			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	94.3				
Concession:					
Location D:					
Survey D:					
Comments:					
 <u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218385273			Mat Consistency:	
Top Depth:	4.6			Material Moisture:	
Bottom Depth:	6.7			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Gravel			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GRAVEL.				
Geology Stratum ID:	218385274			Mat Consistency:	Dense
Top Depth:	6.7			Material Moisture:	
Bottom Depth:	18.3			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Limestone			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	LIMESTONE. 00058SAND,TILL. BROWN,DENSE TO VERY DENSE. 00004049DENSE TO VERY DENSE. 0003504 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Geology Stratum ID:	218385272			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	4.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Clay			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	CLAY.				
 <u>Source</u>					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:				Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 02832 NTS_Sheet:				
Confiden 1:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
8	1 of 1	NNE/78.1	93.9 / -1.00	ON	BORE
Borehole ID:	610339			Inclin FLG:	No
OGF ID:	215511854			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	APR-1965			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.192042
Total Depth m:	26.2			Longitude DD:	-75.81468
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	436006
Drill Method:				Northing:	5004607
Orig Ground Elev m:	93			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	94.4				
Concession:					
Location D:					
Survey D:					
Comments:					
Borehole Geology Stratum					
Geology Stratum ID:	218385319			Mat Consistency:	
Top Depth:	11.6			Material Moisture:	
Bottom Depth:	26.2			Material Texture:	
Material Color:	Black			Non Geo Mat Type:	
Material 1:	Limestone			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	LIMESTONE. 000859BLUE. LIMESTONE. BLUE. 00082NE. BLACK. LIMESTONE. GREY. SANDSTONE.				
Geology Stratum ID:	218385317			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	9.1			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Gravel			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	GRAVEL.				
Geology Stratum ID:	218385318			Mat Consistency:	
Top Depth:	9.1			Material Moisture:	
Bottom Depth:	11.6			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Sand			Geologic Formation:	
Material 2:				Geologic Group:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 3: Material 4: Gsc Material Description: Stratum Description:				Geologic Period: Depositional Gen:	
SAND.					
Source					
Source Type:		Data Survey	Source Appl:		Spatial/Tabular
Source Orig:		Geological Survey of Canada	Source Iden:		1
Source Date:		1956-1972	Scale or Res:		Varies
Confidence:			Horizontal:		NAD27
Observatio:			Verticalda:		Mean Average Sea Level
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Details:		File: OTTAWA1.txt RecordID: 02847 NTS_Sheet:			
Confiden 1:					
Source List					
Source Identifier:		1	Horizontal Datum:		NAD27
Source Type:		Data Survey	Vertical Datum:		Mean Average Sea Level
Source Date:		1956-1972	Projection Name:		Universal Transverse Mercator
Scale or Resolution:		Varies			
Source Name:		Urban Geology Automated Information System (UGAIS)			
Source Originators:		Geological Survey of Canada			
9	1 of 1	NNE/78.2	93.9 / -1.00	lot 4 con 6 ON	WWIS
Well ID:		1506372	Data Entry Status:		
Construction Date:			Data Src:		1
Primary Water Use:		Domestic	Date Received:		8/24/1965
Sec. Water Use:		0	Selected Flag:		Yes
Final Well Status:		Water Supply	Abandonment Rec:		
Water Type:			Contractor:		4824
Casing Material:			Form Version:		1
Audit No:			Owner:		
Tag:			Street Name:		
Construction Method:			County:		OTTAWA
Elevation (m):			Municipality:		NEPEAN TOWNSHIP
Elevation Reliability:			Site Info:		
Depth to Bedrock:			Lot:		004
Well Depth:			Concession:		06
Overburden/Bedrock:			Concession Name:		RF
Pump Rate:			Easting NAD83:		
Static Water Level:			Northing NAD83:		
Flowing (Y/N):			Zone:		
Flow Rate:			UTM Reliability:		
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506372.pdf			
Bore Hole Information					
Bore Hole ID:		10028415	Elevation:		94.353553
DP2BR:		38	Elevrc:		
Spatial Status:			Zone:		18
Code OB:		r	East83:		436005.7
Code OB Desc:		Bedrock	North83:		5004607
Open Hole:			Org CS:		
Cluster Kind:			UTMRC:		5
Date Completed:		4/5/1965	UTMRC Desc:		margin of error : 100 m - 300 m
Remarks:			Location Method:		p5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931004384			
Layer:		2			
Color:					
General Color:					
Mat1:		08			
Most Common Material:		FINE SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		30			
Formation End Depth:		38			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931004385			
Layer:		3			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		38			
Formation End Depth:		86			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931004383			
Layer:		1			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		30			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961506372			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10576985			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049577			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		38			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930049578			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		86			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991506372			
Pump Set At:					
Static Level:		20			
Final Level After Pumping:		35			
Recommended Pump Depth:		70			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933460508			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		85			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
10	1 of 1	N/81.5	92.9 / -1.93	ON	WWIS
Well ID: 1514856 Construction Date: Primary Water Use: Domestic Sec. Water Use: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: Data Entry Status: Data Src: 1 Date Received: 8/15/1975 Selected Flag: Yes Abandonment Rec: Contractor: 3644 Form Version: 1 Owner: Street Name: County: OTTAWA Municipality: RICHMOND VILLAGE Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1514856.pdf					
<u>Bore Hole Information</u>					
Bore Hole ID: 10036825 DP2BR: 15 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 7/31/1975 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: Elevation: 94.69915 Elevrc: Zone: 18 East83: 435696.6 North83: 5004546 Org CS: UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: p4					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 931027524 Layer: 2 Color: 2 General Color: GREY Mat1: 15 Most Common Material: LIMESTONE Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: 15 Formation End Depth: 55 Formation End Depth UOM: ft					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931027523			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		15			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961514856			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10585395			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930065104			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		25			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991514856			
Pump Set At:					
Static Level:		6			
Final Level After Pumping:		30			
Recommended Pump Depth:		30			
Pumping Rate:		4			
Flowing Rate:					
Recommended Pump Rate:		3			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934100668			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		30			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934384101			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		30			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934644668			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		30			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934893793			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		30			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933470831			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		53			
Water Found Depth UOM:		ft			
11	1 of 1	W/84.9	94.9 / 0.00	ON	WWIS
Well ID:	1509111			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	4/17/1953
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4832
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:			Northing NAD83: Zone: UTM Reliability:		
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509111.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10031145		Elevation:	95.337203	
DP2BR:	21		Elevrc:		
Spatial Status:			Zone:	18	
Code OB:	r		East83:	435255.7	
Code OB Desc:	Bedrock		North83:	5004032	
Open Hole:			Org CS:		
Cluster Kind:			UTMRC:	5	
Date Completed:	8/10/1952		UTMRC Desc:	margin of error : 100 m - 300 m	
Remarks:			Location Method:	p5	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931011481				
Layer:	2				
Color:					
General Color:					
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	21				
Formation End Depth:	152				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931011480				
Layer:	1				
Color:					
General Color:					
Mat1:	01				
Most Common Material:	FILL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	21				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID:		961509111			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10579715			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930054937			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		152			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930054936			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		25			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991509111			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		130			
Recommended Pump Depth:					
Pumping Rate:		3			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Water Details</u>					
Water ID:		933463911			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		75			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933463912			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		148			
Water Found Depth UOM:		ft			

12	1 of 1	NNE/88.0	94.1 / -0.80	ON	BORE
Borehole ID:	610334			Inclin FLG:	No
OGF ID:	215511849			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:	6.1			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.191191
Total Depth m:	-999			Longitude DD:	-75.814095
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	436051
Drill Method:				Northing:	5004512
Orig Ground Elev m:	94.5			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	94.5				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218385300	Mat Consistency:	
Top Depth:	9.1	Material Moisture:	
Bottom Depth:	11.6	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Sand	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	SAND.		

Geology Stratum ID:	218385299	Mat Consistency:	
Top Depth:	6.1	Material Moisture:	
Bottom Depth:	9.1	Material Texture:	
Material Color:		Non Geo Mat Type:	
Material 1:	Gravel	Geologic Formation:	
Material 2:		Geologic Group:	
Material 3:		Geologic Period:	
Material 4:		Depositional Gen:	
Gsc Material Description:			
Stratum Description:	GRAVEL. WATER STABLE AT 290.0 FEET.		

Geology Stratum ID:	218385301	Mat Consistency:	Firm
Top Depth:	11.6	Material Moisture:	
Bottom Depth:		Material Texture:	
Material Color:	Brown	Non Geo Mat Type:	

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1517837.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10039709			Elevation:	97.946327
DP2BR:	8			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	435529.7
Code OB Desc:	Bedrock			North83:	5003321
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	5/14/1982			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931036498				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	8				
Formation End Depth:	84				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931036497				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	8				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961517837				
Method Construction Code:	5				
Method Construction:	Air Percussion				
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		10588279			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930069389			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		20			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991517837			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		80			
Recommended Pump Depth:		80			
Pumping Rate:		4			
Flowing Rate:					
Recommended Pump Rate:		4			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934376663			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		80			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103044			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		80			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934646917			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		80			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934896190			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		80			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933474406			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		80			
Water Found Depth UOM:		ft			
14	1 of 12	SSW/91.0	95.9 / 1.00	CHARTERWAYS TRANSPORTATION LTD 3855 MCBEAN RICHMOND ON	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No:		9348091			
Status:		EXPIRED			
Instance ID:		385741			
Instance Type:		FS Facility			
Description:		Fuels Safety Private Fuel Outlet - Self Serve			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
Original Source:		EXP			
Record Date:		Up to Mar 2012			
14	2 of 12	SSW/91.0	95.9 / 1.00	CHARTERWAYS TRANSPORTATION LTD 3855 MCBEAN RICHMOND ON	DTNK
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No:		10940107			
Status:		EXPIRED			
Instance ID:		54533			
Instance Type:		FS Piping			
Description:		FS Piping			
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
Original Source:		EXP			
Record Date:		Up to Mar 2012			
14	3 of 12	SSW/91.0	95.9 / 1.00	CHARTERWAYS TRANSPORTATION LTD 3855 MCBEAN RICHMOND ON	DTNK

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Delisted Expired Fuel Safety Facilities</u>					
Instance No:	10940122				
Status:	EXPIRED				
Instance ID:	54899				
Instance Type:	FS Piping				
Description:	FS Piping				
TSSA Program Area:					
Maximum Hazard Rank:					
Facility Type:					
Expired Date:					
Original Source:	EXP				
Record Date:	Up to Mar 2012				
14	4 of 12	SSW/91.0	95.9 / 1.00	FIRSTCANADA ULC 3855 MCBEAN RICHMOND K0A 2Z0 ON CA 3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	FST
Instance No:	11521745			Manufacturer:	NULL
Status:	Active			Serial No:	NULL
Cont Name:				Ulc Standard:	NULL
Instance Type:	FS Liquid Fuel Tank			Quantity:	1
Item:	FS LIQUID FUEL TANK			Unit of Measure:	EA
Item Description:	FS Liquid Fuel Tank			Fuel Type:	Diesel
Tank Type:	Single Wall UST			Fuel Type2:	NULL
Install Date:	12/10/1997			Fuel Type3:	NULL
Install Year:	1991			Piping Steel:	
Years in Service:	13.3			Piping Galvanized:	
Model:	NULL			Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:	13600			Num Underground:	
Tank Material:	Fiberglass (FRP)			Panam Related:	NULL
Corrosion Protect:	Fiberglass			Panam Venue:	NULL
Overfill Protect:					
Facility Type:	FS Liquid Fuel Tank				
Parent Facility Type:	Fuels Safety Private Fuel Outlet - Self Serve				
Facility Location:	3855 MCBEAN RICHMOND K0A 2Z0 ON CA				
Device Installed Location:	3855 MCBEAN RICHMOND K0A 2Z0 ON CA				
<u>Fuel Storage Tank Details</u>					
Owner Account Name:	FIRSTCANADA ULC				
<u>Liquid Fuel Tank Details</u>					
Overfill Protection:	NULL				
Owner Account Name:	FIRSTCANADA ULC				

14	5 of 12	SSW/91.0	95.9 / 1.00	FIRSTCANADA ULC 3855 MCBEAN RICHMOND K0A 2Z0 ON CA 3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	FST
Instance No:	11521704			Manufacturer:	NULL
Status:	Active			Serial No:	NULL
Cont Name:				Ulc Standard:	NULL
Instance Type:	FS Liquid Fuel Tank			Quantity:	1
Item:	FS LIQUID FUEL TANK			Unit of Measure:	EA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
14	7 of 12	SSW/91.0	95.9 / 1.00	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD. 3855 MCBEAN STREET RICHMOND ON	GEN
Generator No:		ON1485800	PO Box No:		
Status:			Country:		
Approval Years:		2013	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No Admin:		
SIC Code:		337110			
SIC Description:		WOOD KITCHEN CABINET AND COUNTER TOP MANUFACTURING			
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
14	8 of 12	SSW/91.0	95.9 / 1.00	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD. 3855 MCBEAN STREET PO Box 1229 RICHMOND ON K0A 2Z0	GEN
Generator No:		ON1485800	PO Box No:		
Status:			Country: Canada		
Approval Years:		2016	Choice of Contact: CO_OFFICIAL		
Contam. Facility:		No	Co Admin:		
MHSW Facility:		No	Phone No Admin:		
SIC Code:		337110			
SIC Description:		WOOD KITCHEN CABINET AND COUNTER TOP MANUFACTURING			
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
14	9 of 12	SSW/91.0	95.9 / 1.00	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD. 3855 MCBEAN STREET PO Box 1229 RICHMOND ON K0A 2Z0	GEN
Generator No:		ON1485800	PO Box No:		
Status:			Country: Canada		
Approval Years:		2015	Choice of Contact: CO_OFFICIAL		
Contam. Facility:		No	Co Admin:		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MHSW Facility: No SIC Code: 337110 SIC Description: WOOD KITCHEN CABINET AND COUNTER TOP MANUFACTURING Detail(s) Waste Class: 145 Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES Waste Class: 212 Waste Class Desc: ALIPHATIC SOLVENTS Waste Class: 211 Waste Class Desc: AROMATIC SOLVENTS Waste Class: 213 Waste Class Desc: PETROLEUM DISTILLATES					
14	10 of 12	SSW/91.0	95.9 / 1.00	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD. 3855 MCBEAN STREET PO Box 1229 RICHMOND ON K0A 2Z0	GEN
Generator No: ON1485800 Status: Approval Years: 2014 Contam. Facility: No MHSW Facility: No SIC Code: 337110 SIC Description: WOOD KITCHEN CABINET AND COUNTER TOP MANUFACTURING Detail(s) Waste Class: 212 Waste Class Desc: ALIPHATIC SOLVENTS Waste Class: 211 Waste Class Desc: AROMATIC SOLVENTS Waste Class: 145 Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES Waste Class: 213 Waste Class Desc: PETROLEUM DISTILLATES					
14	11 of 12	SSW/91.0	95.9 / 1.00	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD. 3855 MCBEAN STREET PO Box 1229 RICHMOND ON K0A 2Z0	GEN
Generator No: ON1485800 Status: Registered Approval Years: As of Dec 2018 Contam. Facility: MHSW Facility: SIC Code: SIC Description: Detail(s) Waste Class: 145 L Waste Class Desc: Wastes from the use of pigments, coatings and paints					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		211 H			
Waste Class Desc:		Aromatic solvents and residues			
Waste Class:		211 I			
Waste Class Desc:		Aromatic solvents and residues			
Waste Class:		213 I			
Waste Class Desc:		Petroleum distillates			
14	12 of 12	SSW/91.0	95.9 / 1.00	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD. 3855 MCBEAN STREET PO Box 1229 RICHMOND ON K0A 2Z0	GEN
Generator No:		ON1485800		PO Box No: 1229	
Status:		Registered		Country: Canada	
Approval Years:		As of Jul 2020		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		213 I			
Waste Class Desc:		Petroleum distillates			
Waste Class:		145 L			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		211 H			
Waste Class Desc:		Aromatic solvents and residues			
Waste Class:		211 I			
Waste Class Desc:		Aromatic solvents and residues			
15	1 of 1	WNW/91.7	94.9 / 0.00	Railterm inc. 6058 Ottawa Street Richmond ON K0A 2Z0	GEN
Generator No:		ON4569332		PO Box No:	
Status:		Registered		Country: Canada	
Approval Years:		As of Jul 2020		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:					
SIC Description:					
<u>Detail(s)</u>					
Waste Class:		121 C			
Waste Class Desc:		Alkaline slutions - containing heavy metals			
16	1 of 14	SSW/94.9	95.9 / 1.00	CHARTERWAYS TRANSPORTATION LTD 3855 MCBEAN RICHMOND ON	PRT
Location ID:		12455			
Type:		private			
Expiry Date:					
Capacity (L):		36368.00			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Licence #:		0001039574			
16	2 of 14	SSW/94.9	95.9 / 1.00	OTTAWA VALLEY KITCHEN CABINET 3855 MCBEAN ST RICHMOND ON K0A 2Z0	SCT
Established:		1983			
Plant Size (ft²):		0			
Employment:		15			
--Details--					
Description:		WOOD KITCHEN CABINETS			
SIC/NAICS Code:		2434			
Description:		WOOD HOUSEHOLD FURNITURE, EXCEPT UPHOLSTERED			
SIC/NAICS Code:		2511			
Description:		WOOD OFFICE FURNITURE			
SIC/NAICS Code:		2521			
Description:		Wood Kitchen Cabinet and Counter Top Manufacturing			
SIC/NAICS Code:		337110			
Description:		Other Wood Household Furniture Manufacturing			
SIC/NAICS Code:		337123			
Description:		Wood Office Furniture, including Custom Architectural Woodwork, Manufacturing			
SIC/NAICS Code:		337213			
16	3 of 14	SSW/94.9	95.9 / 1.00	Ottawa Valley Kitchen Cabinet Manufacturing Ltd. 3855 McBean St Richmond ON	SCT
Established:		1983			
Plant Size (ft²):		40000			
Employment:		20			
16	4 of 14	SSW/94.9	95.9 / 1.00	CHARTERWAYS TRANSPORTATION LTD. 08-522 3855 MCBEAN STREET RICHMOND ON K0A 2Z0	GEN
Generator No:		ON0053620		PO Box No:	
Status:				Country:	
Approval Years:		92,93,94,95,96		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		4573			
SIC Description:		SCHOOL BUS OPER.			
Detail(s)					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
16	5 of 14	SSW/94.9	95.9 / 1.00	CHARTERWAYS TRANSPORTATION LTD 3855 MCBEAN STREET RICHMOND ON K0A 2Z0	GEN
Generator No:		ON0053620		PO Box No:	
Status:				Country:	
Approval Years:		97		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		4573			
SIC Description:		SCHOOL BUS OPER.			
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
16	6 of 14	SSW/94.9	95.9 / 1.00	LIDLAW TRANSIT LIMITED 3855 MCBEAN STREET RICHMOND ON K0A 2Z0	GEN
Generator No:		ON0053620		PO Box No:	
Status:				Country:	
Approval Years:		98,99,00,01,02,03,04		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		4573			
SIC Description:		SCHOOL BUS OPER.			
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		221			
Waste Class Desc:		LIGHT FUELS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	7 of 14	SSW/94.9	95.9 / 1.00	OTTAWA VALLEY KITCHENS 3855 MCBEAN ST. RICHMOND ON K0A 2Z0	GEN
Generator No:		ON1485800	PO Box No:		
Status:			Country:		
Approval Years:		92,93,97,98	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No Admin:		
SIC Code:		2542			
SIC Description:		WOODEN KITCHEN CAB.			
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
16	8 of 14	SSW/94.9	95.9 / 1.00	OTTAWA VALLEY KITCHENS 29-579 3855 MCBEAN ST. PO BOX 1229 RICHMOND ON K0A 2Z0	GEN
Generator No:		ON1485800	PO Box No:		
Status:			Country:		
Approval Years:		94,95,96	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No Admin:		
SIC Code:		2542			
SIC Description:		WOODEN KITCHEN CAB.			
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
16	9 of 14	SSW/94.9	95.9 / 1.00	OTTAWA VALLEY KITCHENS 3855 MCBEAN STREET RICHMOND ON K0A 2Z0	GEN
Generator No:		ON1485800	PO Box No:		
Status:			Country:		
Approval Years:		99,00,01	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No Admin:		
SIC Code:		2542			
SIC Description:		WOODEN KITCHEN CAB.			
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
16	10 of 14	SSW/94.9	95.9 / 1.00	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD. 3855 MCBEAN STREET RICHMOND ON K0A 2Z0	GEN
Generator No:		ON1485800	PO Box No:		
Status:			Country:		
Approval Years:		02,03,04,05,06,07,08	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No Admin:		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Code: SIC Description:					
<u>Detail(s)</u>					
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
16	11 of 14	SSW/94.9	95.9 / 1.00	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD. 3855 MCBEAN STREET RICHMOND ON K0A 2Z0	GEN
Generator No:	ON1485800			PO Box No:	
Status:				Country:	
Approval Years:	2009			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	337110				
SIC Description:		Wood Kitchen Cabinet and Counter Top Manufacturing			
<u>Detail(s)</u>					
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
16	12 of 14	SSW/94.9	95.9 / 1.00	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD. 3855 MCBEAN STREET RICHMOND ON K0A 2Z0	GEN
Generator No:	ON1485800			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	337110				
SIC Description:		Wood Kitchen Cabinet and Counter Top Manufacturing			
<u>Detail(s)</u>					
Waste Class:		211			
Waste Class Desc:		AROMATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
16	13 of 14	SSW/94.9	95.9 / 1.00	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD. 3855 MCBEAN STREET RICHMOND ON K0A 2Z0	GEN
Generator No:	ON1485800			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	337110				
SIC Description:	Wood Kitchen Cabinet and Counter Top Manufacturing				
<u>Detail(s)</u>					
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	211				
Waste Class Desc:	AROMATIC SOLVENTS				
16	14 of 14	SSW/94.9	95.9 / 1.00	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD. 3855 MCBEAN STREET RICHMOND ON K0A 2Z0	GEN
Generator No:	ON1485800			PO Box No:	
Status:				Country:	
Approval Years:	2012			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	337110				
SIC Description:	Wood Kitchen Cabinet and Counter Top Manufacturing				
<u>Detail(s)</u>					
Waste Class:	211				
Waste Class Desc:	AROMATIC SOLVENTS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
17	1 of 2	SSW/95.1	95.9 / 1.00	CHARTERWAYS TRANSPORTATION LTD. 3855 MCBEAN STREET, RICHMOND HILL C/O 1027 MOODIE DRIVE NEPEAN ON K2H 7T8	GEN
Generator No:	ON0053620			PO Box No:	
Status:				Country:	
Approval Years:	89			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	0000				
SIC Description:	*** NOT DEFINED ***				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
17	2 of 2	SSW/95.1	95.9 / 1.00	CHARTERWAYS TRANSPORTATION LTD. 3855 MCBEAN STREET, RICHMOND C/O 1027 MOODIE DRIVE NEPEAN ON K2H 7T8	GEN
Generator No:	ON0053620			PO Box No:	
Status:				Country:	
Approval Years:	90			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	4573				
SIC Description:	SCHOOL BUS OPER.				
<u>Detail(s)</u>					
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
18	1 of 1	SW/96.2	94.9 / 0.00	3785 McBean St Richmond ON K0A 2Z0	EHS
Order No:	20312400373			Nearest Intersection:	
Status:	C			Municipality:	
Report Type:	Standard Report			Client Prov/State:	ON
Report Date:	27-NOV-20			Search Radius (km):	.25
Date Received:	24-NOV-20			X:	-75.8227231
Previous Site Name:				Y:	45.1821378
Lot/Building Size:					
Additional Info Ordered:	Fire Insur. Maps and/or Site Plans				
19	1 of 2	NNW/97.6	92.9 / -2.00	PRIVATE BUSINESS 5949 OTTAWA ST. IN VILLAGE OF RICHMOND FUEL STORAGE TANK GOULBOURN TOWNSHIP ON	SPL
Ref No:	83946			Discharger Report:	
Site No:				Material Group:	
Incident Dt:	4/10/1993			Health/Env Conseq:	
Year:				Client Type:	
Incident Cause:	ABOVE-GROUND TANK LEAK			Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	
Contaminant Limit 1:				Site District Office:	
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	
Environment Impact:	CONFIRMED			Site Municipality:	20604
Nature of Impact:	Soil contamination			Site Lot:	
Receiving Medium:	LAND			Site Conc:	
Receiving Env:				Northing:	
MOE Response:				Easting:	
Dt MOE Arvl on Scn:				Site Geo Ref Accu:	
MOE Reported Dt:	4/12/1993			Site Map Datum:	
Dt Document Closed:				SAC Action Class:	
Incident Reason:	ICE/FROST DAMAGE			Source Type:	
Site Name:					
Site County/District:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Site Geo Ref Meth: Incident Summary: PRIVATE BUSINESS - 900 L OF FURNACE OIL TO GROUND FROM STORAGE TANK. Contaminant Qty:					
19	2 of 2	NNW/97.6	92.9 / -2.00	405295 Ontario Limited 5949 Ottawa Street Ottawa ON	CA
Certificate #: 4647-5XLQLF Application Year: 2004 Issue Date: 4/1/2004 Approval Type: Air Status: Approved Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control:					
20	1 of 1	NW/99.1	93.7 / -1.14	5990 OTTAWA ST. lot 25 con 2 RICHMOND ON	WWIS
Well ID: 7123927 Construction Date: Primary Water Use: Domestic Sec. Water Use: Final Well Status: Water Supply Water Type: Casing Material: Audit No: Z94580 Tag: A066511 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:					
Data Entry Status: Data Src: Date Received: 6/8/2009 Selected Flag: Yes Abandonment Rec: Contractor: 1119 Form Version: 7 Owner: Street Name: 5990 OTTAWA ST. County: OTTAWA Municipality: GOULBOURN TOWNSHIP Site Info: Lot: 025 Concession: 02 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7123927.pdf					
<u>Bore Hole Information</u>					
Bore Hole ID: 1002454825 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 5/19/2009 Remarks: Elevrc Desc: Location Source Date:					
Elevation: 93.623031 Elevrc: Zone: 18 East83: 435522 North83: 5004251 Org CS: UTM83 UTMRC: 3 UTMRC Desc: margin of error : 10 - 30 m Location Method: wwr					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1002604773			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		15			
Formation End Depth:		84			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1002604772			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		15			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002604775			
Layer:		1			
Plug From:		0			
Plug To:		20			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002604809			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1002604770			
Casing No:		0			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		1002604780			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		20			
Depth To:		84			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		1002604779			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-2			
Depth To:		20			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1002604781			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1002604771			
Pump Set At:		40			
Static Level:		5.583			
Final Level After Pumping:		16.333			
Recommended Pump Depth:		40			
Pumping Rate:		20			
Flowing Rate:					
Recommended Pump Rate:		20			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604783			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		7.667			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604797			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		5.583			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604788			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		14.75			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604786			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		14.417			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604803			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		5.583			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604784			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		13.667			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604794			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		15.583			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604807			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		5.583			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1002604796			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		15.75			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604793			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		6			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604791			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		6.25			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604799			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		5.583			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604787			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		6.75			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604806			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		16.333			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604785			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		7.25			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604792			
Test Type:		Draw Down			
Test Duration:		10			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		15.417			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604801			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		5.583			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604802			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		16.167			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604795			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		5.667			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604800			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		16.083			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604804			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		16.25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604782			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		12.167			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604798			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		16			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604789			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		6.417			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604790			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		15.083			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604805			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		5.583			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		1002604777			
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		69			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		1002604778			
Layer:		3			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		73			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		1002604776			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		55			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1002604774			
Diameter:		6			
Depth From:		0			
Depth To:		84			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
21	1 of 1	NW/99.9	93.7 / -1.14	HUNTLEY RD. NO CIVIC # lot 24 con 4 RICHMOND ON	WWIS
Well ID: 7123924 Construction Date: Primary Water Use: Domestic Sec. Water Use: Final Well Status: Water Supply Water Type: Casing Material: Audit No: Z94582 Tag: A066513 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: Data Entry Status: Data Src: Date Received: 6/8/2009 Selected Flag: Yes Abandonment Rec: Contractor: 1119 Form Version: 7 Owner: Street Name: HUNTLEY RD. NO CIVIC # County: OTTAWA Municipality: GOULBOURN TOWNSHIP Site Info: Lot: 024 Concession: 04 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7123924.pdf

Bore Hole Information

Bore Hole ID:	1002454816	Elevation:	93.630126
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	435521
Code OB Desc:		North83:	5004251
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	5/15/2009	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1002604442
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	56
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		1002604444			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:		15			
Mat2 Desc:		LIMESTONE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		176			
Formation End Depth:		240			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1002604443			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		56			
Formation End Depth:		176			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002604447			
Layer:		2			
Plug From:		52			
Plug To:		62			
Plug Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002604446			
Layer:		1			
Plug From:		0			
Plug To:		52			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002604481			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1002604440			
Casing No:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002604451			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-2			
Depth To:		62			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		1002604452			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		62			
Depth To:		240			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Screen</u>					
Screen ID:		1002604453			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		ft			
Screen Diameter UOM:		inch			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1002604441			
Pump Set At:		220			
Static Level:		2.25			
Final Level After Pumping:		16.667			
Recommended Pump Depth:		100			
Pumping Rate:		20			
Flowing Rate:					
Recommended Pump Rate:		20			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604455			
Test Type:		Recovery			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		1			
Test Level:		7			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604458			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		13.167			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604474			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		16.667			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604467			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604472			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		16.667			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604464			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		16			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604456			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		12			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604479			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		2			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604454			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		9.5			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604477			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604461			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		3			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604478			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		16.667			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604471			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604475			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604476			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		16.667			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604462			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		14.667			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604465			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604473			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604463			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604460			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		14.167			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604469			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		2			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604468			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		16.667			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604457			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		5			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604466			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		16.167			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604459			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		4			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002604470			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		16.667			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		1002604450			
Layer:		3			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		232			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		1002604448			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		58			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		1002604449			
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		89			
Water Found Depth UOM:		ft			
<u>Hole Diameter</u>					
Hole ID:		1002604445			
Diameter:		5.938			
Depth From:		0			
Depth To:		240			
Hole Depth UOM:		ft			
Hole Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
22	1 of 2	NNW/99.9	92.9 / -2.00	405295 ONTARIO LIMITED 5949 PO BOX 490, OTTAWA STREET RICHMOND ON K0A 2Z0	EASR
Approval No:	R-001-1241161883			SWP Area Name:	
Status:	REGISTERED			MOE District:	
Date:	2012-10-25			Municipality:	RICHMOND
Record Type:	EASR			Latitude:	
Link Source:	MOFA			Longitude:	
Project Type:	Automotive Refinishing Facility			Geometry X:	
Full Address:				Geometry Y:	
Approval Type:	EASR-Automotive Refinishing Facility				
Full PDF Link:	http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2253				
22	2 of 2	NNW/99.9	92.9 / -2.00	405295 Ontario Limited 5949 Ottawa Street Ottawa ON K0A 2Z0	ECA
Approval No:	4647-5XLQLF			MOE District:	Ottawa
Approval Date:	2004-04-01			City:	
Status:	Approved			Longitude:	-75.81954999999999
Record Type:	ECA			Latitude:	45.19112
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-AIR				
Project Type:	AIR				
Address:	5949 Ottawa Street				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/1047-5Q8P57-14.pdf				
23	1 of 1	E/100.3	94.9 / 0.00	ON	BORE
Borehole ID:	610307			Inclin FLG:	No
OGF ID:	215511822			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.18608
Total Depth m:	-999			Longitude DD:	-75.811221
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	436271
Drill Method:				Northing:	5003942
Orig Ground Elev m:	97.5			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	96.3				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218385229			Mat Consistency:	Stiff
Top Depth:	3.7			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:		Bedrock Limestone BEDROCK,LIMESTONE. S. GREY. LIMESTONE. GREY. 00065 STIFF. SILT,SAND,TILL. BROWN,COMPAC **Note: Many records provided by the department have a truncated [Stratum Description] field.		Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:		218385228 0 3.7 Clay CLAY.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Source					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:		Data Survey Geological Survey of Canada 1956-1972 M Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 028150 NTS_Sheet: 31G04F Reliable information but incomplete.		Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level	
Source List					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:		1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada		Horizontal Datum: Vertical Datum: Projection Name: NAD27 Mean Average Sea Level Universal Transverse Mercator	
24	1 of 1	WSW/101.8	94.9 / 0.00	3785 McBean Street Richmond ON K0A 2Z0	EHS
Order No: Status: Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:		20190221068 C Standard Report 27-FEB-19 21-FEB-19 4.9 acres		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: Ottawa ON .25 -75.823389 45.18262	
25	1 of 1	NW/102.0	92.9 / -2.00	lot 25 con 3 ON	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No:		1531908 Domestic Water Supply 230098		Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: 1 6/15/2001 Yes 1558 1	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1531908.pdf

Bore Hole Information

Bore Hole ID:	10053442	Elevation:	93.798477
DP2BR:	41	Elevrc:	
Spatial Status:	Improved	Zone:	18
Code OB:	r	East83:	435513
Code OB Desc:	Bedrock	North83:	5004414
Open Hole:		Org CS:	N83
Cluster Kind:		UTMRC:	3
Date Completed:	5/17/2001	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:	1999-2004 MOE Water Well Data Improvement Project		
Improvement Location Method:	GIS		
Source Revision Comment:	Northing and/or Easting field has been changed. Reasonably sure well location matches sketch map (similar features).used road names & address		
Supplier Comment:	Determined to be an improvement rather than a Lot Centroid in December 2009.		

Overburden and Bedrock Materials Interval

Formation ID:	931079893
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	12
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931079897
Layer:	5
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Mat2 Desc:	
Mat3:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:					
Formation Top Depth:		160			
Formation End Depth:		210			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931079895			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		35			
Formation End Depth:		41			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931079894			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		12			
Formation End Depth:		35			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931079896			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		41			
Formation End Depth:		160			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		933117041			
Layer:		1			
Plug From:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug To:		44			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961531908			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10602012			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930093660			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930093661			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991531908			
Pump Set At:					
Static Level:		7			
Final Level After Pumping:		50			
Recommended Pump Depth:		60			
Pumping Rate:		50			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		No			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934115099			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		200			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934915568			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934398854			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		200			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934659235			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		50			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933492526			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		210			
Water Found Depth UOM:		ft			
26	1 of 2	W/102.6	94.9 / 0.00	lot 24 con 2 ON	WWIS
Well ID:	1518579			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	10/13/1983
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3644
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	024
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flow Rate: Clear/Cloudy:		UTM Reliability:			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518579.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10040449		Elevation:	95.468856	
DP2BR:	22		Elevrc:		
Spatial Status:			Zone:	18	
Code OB:	r		East83:	435229.7	
Code OB Desc:	Bedrock		North83:	5004021	
Open Hole:			Org CS:		
Cluster Kind:			UTMRC:	4	
Date Completed:	9/21/1983		UTMRC Desc:	margin of error : 30 m - 100 m	
Remarks:			Location Method:	p4	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931038868				
Layer:	3				
Color:	1				
General Color:	WHITE				
Mat1:	18				
Most Common Material:	SANDSTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	205				
Formation End Depth:	225				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931038866				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	22				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931038867				
Laver:	2				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	22				
Formation End Depth:	205				
Formation End Depth UOM:	ft				
 <u>Method of Construction & Well Use</u>					
Method Construction ID:	961518579				
Method Construction Code:	5				
Method Construction:	Air Percussion				
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:	10589019				
Casing No:	1				
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:	930070603				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	225				
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
 <u>Construction Record - Casing</u>					
Casing ID:	930070602				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	24				
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
 <u>Results of Well Yield Testing</u>					
Pump Test ID:	991518579				
Pump Set At:					
Static Level:	10				
Final Level After Pumping:	60				
Recommended Pump Depth:	60				
Pumping Rate:	30				
Flowing Rate:					
Recommended Pump Rate:	10				
Levels UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103892			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		60			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934379896			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		60			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934649877			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		60			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934898999			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		60			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475320			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		222			
Water Found Depth UOM:		ft			
26	2 of 2	W/102.6	94.9 / 0.00	lot 24 con 2 ON	WWIS
Well ID:		1518580		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Domestic		1	
Sec. Water Use:		0		Date Received:	
Final Well Status:		Water Supply		10/13/1983	
Water Type:				Selected Flag:	
Casing Material:				Yes	
Audit No:				Abandonment Rec:	
Tag:				Contractor:	
				3644	
				Form Version:	
				1	
				Owner:	
				Street Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	024
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518580.pdf

Bore Hole Information

Bore Hole ID:	10040450	Elevation:	95.468856
DP2BR:	23	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435229.7
Code OB Desc:	Bedrock	North83:	5004021
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	9/21/1983	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931038870
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	23
Formation End Depth:	160
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931038869
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		23			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961518580			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10589020			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930070604			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		25			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930070605			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		160			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991518580			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		80			
Recommended Pump Depth:		80			
Pumping Rate:		7			
Flowing Rate:					
Recommended Pump Rate:		6			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103893			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		80			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934899000			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		80			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934379897			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		80			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934649878			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		80			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475321			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		155			
Water Found Depth UOM:		ft			
27	1 of 1	SW/103.5	94.9 / 0.00	1750723 Ontario limited 3785 McBean St Ottawa ON	ECA
Approval No:	4023-9WWNEV			MOE District:	
Approval Date:	2015-06-17			City:	
Status:	Approved			Longitude:	
Record Type:	ECA			Latitude:	
Link Source:	IDS			Geometry X:	
SWP Area Name:				Geometry Y:	
Approval Type:	ECA-MUNICIPAL AND PRIVATE SEWAGE WORKS				
Project Type:	MUNICIPAL AND PRIVATE SEWAGE WORKS				
Address:	3785 McBean St				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/0850-9RGQGU-14.pdf				
28	1 of 5	SW/105.2	94.9 / 0.00	Regional Electric Motors Inc. 3825 McBean St Richmond ON K0A 2Z0	SCT

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Established: Plant Size (ft²): Employment:		01-SEP-70			
--Details--					
Description: SIC/NAICS Code:		Electrical Wiring and Construction Supplies Wholesaler-Distributors 416110			
Description: SIC/NAICS Code:		Industrial Machinery, Equipment and Supplies Wholesaler-Distributors 417230			
28	2 of 5	SW/105.2	94.9 / 0.00	CLIMATE WORKS LTD. 3825 MCBEAN STREET RICHMOND ON	GEN
Generator No:		ON9126940	PO Box No:		
Status:			Country:		
Approval Years:		2011	Choice of Contact:		
Contam. Facility:			Co Admin:		
MHSW Facility:			Phone No Admin:		
SIC Code:		811310			
SIC Description:					
28	3 of 5	SW/105.2	94.9 / 0.00	CLIMATE WORKS LTD. 3825 MCBEAN STREET RICHMOND ON K0A 2Z0	GEN
Generator No:		ON9126940	PO Box No:		
Status:			Country: Canada		
Approval Years:		2016	Choice of Contact: CO_OFFICIAL		
Contam. Facility:		No	Co Admin:		
MHSW Facility:		No	Phone No Admin:		
SIC Code:		811310			
SIC Description:		COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE			
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
28	4 of 5	SW/105.2	94.9 / 0.00	CLIMATE WORKS LTD. 3825 MCBEAN STREET RICHMOND ON K0A 2Z0	GEN
Generator No:		ON9126940	PO Box No:		
Status:			Country: Canada		
Approval Years:		2015	Choice of Contact: CO_OFFICIAL		
Contam. Facility:		No	Co Admin:		
MHSW Facility:		No	Phone No Admin:		
SIC Code:		811310			
SIC Description:		COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE			
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
28	5 of 5	SW/105.2	94.9 / 0.00	CLIMATE WORKS LTD. 3825 MCBEAN STREET RICHMOND ON K0A 2Z0	GEN
Generator No: ON9126940 Status: Registered Approval Years: As of Dec 2018 Contam. Facility: MHSW Facility: SIC Code: SIC Description:		PO Box No: Country: Canada Choice of Contact: Co Admin: Phone No Admin:			
<u>Detail(s)</u>					
Waste Class: 212 L Waste Class Desc: Aliphatic solvents and residues					

29	1 of 1	WNW/110.1	94.9 / 0.00	ON	WWIS
Well ID: 1510997 Construction Date: Primary Water Use: Domestic Sec. Water Use: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:		Data Entry Status: Data Src: 1 Date Received: 7/10/1968 Selected Flag: Yes Abandonment Rec: Contractor: 1802 Form Version: 1 Owner: Street Name: County: OTTAWA Municipality: RICHMOND VILLAGE Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1510997.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID: 10033000 DP2BR: 26 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 6/14/1968 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:		Elevation: 95.645896 Elevrc: Zone: 18 East83: 435250.7 North83: 5004072 Org CS: UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: p4			
Overburden and Bedrock					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		931016413			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Mat2 Desc:		MEDIUM SAND			
Mat3:		11			
Mat3 Desc:		GRAVEL			
Formation Top Depth:		0			
Formation End Depth:		26			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931016414			
Layer:		2			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		26			
Formation End Depth:		104			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961510997			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10581570			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930058542			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		29			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930058543			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		104			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991510997			
Pump Set At:					
Static Level:		4			
Final Level After Pumping:		24			
Recommended Pump Depth:		100			
Pumping Rate:		3			
Flowing Rate:					
Recommended Pump Rate:		3			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		No			
 <u>Water Details</u>					
Water ID:		933466063			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		100			
Water Found Depth UOM:		ft			
<u>30</u>	1 of 17	NNW/110.2	92.9 / -2.00	R A B DEDESCO LIMITED 5935 OTTAWA ST RICHMOND ON K0A 2Z0	SCT
Established:		1972			
Plant Size (ft²):		18000			
Employment:		30			
 <u>--Details--</u>					
Description:		INDUSTRIAL INSTRUMENTS FOR MEASUREMENT, DISPLAY, AND CONTROL OF PROCESS VARIABLES; & RELATED ITEMS			
SIC/NAICS Code:		3823			
Description:		Measuring, Medical and Controlling Devices Manufacturing			
SIC/NAICS Code:		334512			
<u>30</u>	2 of 17	NNW/110.2	92.9 / -2.00	QUATROSENSE ENVIRONMENTAL LTD 5935 OTTAWA ST RICHMOND ON K0A 2Z0	SCT
Established:		1986			
Plant Size (ft²):		18000			
Employment:		25			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
--Details--					
Description:		MEASURING AND CONTROLLING DEVICES, NOT ELSEWHERE CLASSIFIED			
SIC/NAICS Code:		3829			
Description:		ORTHOPEDIC, PROSTHETIC, AND SURGICAL APPLIANCES AND SUPPLIES			
SIC/NAICS Code:		3842			
30	3 of 17	NNW/110.2	92.9 / -2.00	QUATROSENSE ENVIRONMENTAL LTD. 5935 Ottawa St Richmond ON K0A 2Z0	SCT
Established:		1986			
Plant Size (ft²):		18000			
Employment:		25			
--Details--					
Description:		Other Communications Equipment Manufacturing			
SIC/NAICS Code:		334290			
Description:		Measuring, Medical and Controlling Devices Manufacturing			
SIC/NAICS Code:		334512			
Description:		Medical Equipment and Supplies Manufacturing			
SIC/NAICS Code:		339110			
30	4 of 17	NNW/110.2	92.9 / -2.00	RAB Dedesco Limited 5935 Ottawa St Richmond ON K0A 2Z0	SCT
Established:		01-JAN-72			
Plant Size (ft²):		18000			
Employment:					
--Details--					
Description:		Measuring, Medical and Controlling Devices Manufacturing			
SIC/NAICS Code:		334512			
Description:		Measuring, Medical and Controlling Devices Manufacturing			
SIC/NAICS Code:		334512			
30	5 of 17	NNW/110.2	92.9 / -2.00	QEL-Quatrosense Environmental 5935 Ottawa St Richmond ON K0A 2Z0	SCT
Established:		01-JAN-86			
Plant Size (ft²):		18000			
Employment:					
--Details--					
Description:		Measuring, Medical and Controlling Devices Manufacturing			
SIC/NAICS Code:		334512			
Description:		Other Communications Equipment Manufacturing			
SIC/NAICS Code:		334290			
Description:		Measuring, Medical and Controlling Devices Manufacturing			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC/NAICS Code:		334512			
30	6 of 17	NNW/110.2	92.9 / -2.00	QUATROSENSE ENVIRONMENTAL LIMITED 5935 OTTAWA STREET RICHMOND ON K0A 2Z0	GEN
Generator No:		ON2636700		PO Box No:	
Status:				Country:	
Approval Years:		01,02,03,04,05,06,07,08		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		3911			
SIC Description:		INDICAT., ETC. INST.			
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
30	7 of 17	NNW/110.2	92.9 / -2.00	QUATROSENSE ENVIRONMENTAL LIMITED 5935 OTTAWA STREET RICHMOND ON K0A 2Z0	GEN
Generator No:		ON2636700		PO Box No:	
Status:				Country:	
Approval Years:		2009		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		811210			
SIC Description:		Electronic and Precision Equipment Repair and Maintenance			
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
30	8 of 17	NNW/110.2	92.9 / -2.00	5935 Ottawa Street Richmond ON	EHS
Order No:		20120620029		Nearest Intersection:	
Status:		C		Municipality:	
Report Type:		Custom Report		Client Prov/State:	
Report Date:		26-JUN-12		Search Radius (km):	
Date Received:		20-JUN-12		X:	
Previous Site Name:				Y:	
Lot/Building Size:					
Additional Info Ordered:					
30	9 of 17	NNW/110.2	92.9 / -2.00	QUATROSENSE ENVIRONMENTAL LIMITED 5935 OTTAWA STREET RICHMOND ON K0A 2Z0	GEN
Generator No:		ON2636700		PO Box No:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Status: Approval Years: 2010 Contam. Facility: MHSW Facility: SIC Code: 811210 SIC Description: Electronic and Precision Equipment Repair and Maintenance Country: Choice of Contact: Co Admin: Phone No Admin:					
<u>Detail(s)</u>					
Waste Class: 263 Waste Class Desc: ORGANIC LABORATORY CHEMICALS Waste Class: 212 Waste Class Desc: ALIPHATIC SOLVENTS					
30	10 of 17	NNW/110.2	92.9 / -2.00	QUATROSENSE ENVIRONMENTAL LIMITED 5935 OTTAWA STREET RICHMOND ON K0A 2Z0	GEN
Generator No: ON2636700 Status: Approval Years: 2011 Contam. Facility: MHSW Facility: SIC Code: 811210 SIC Description: Electronic and Precision Equipment Repair and Maintenance PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
<u>Detail(s)</u>					
Waste Class: 263 Waste Class Desc: ORGANIC LABORATORY CHEMICALS Waste Class: 212 Waste Class Desc: ALIPHATIC SOLVENTS					
30	11 of 17	NNW/110.2	92.9 / -2.00	QUATROSENSE ENVIRONMENTAL LIMITED 5935 OTTAWA STREET RICHMOND ON K0A 2Z0	GEN
Generator No: ON2636700 Status: Approval Years: 2012 Contam. Facility: MHSW Facility: SIC Code: 811210 SIC Description: Electronic and Precision Equipment Repair and Maintenance PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:					
<u>Detail(s)</u>					
Waste Class: 263 Waste Class Desc: ORGANIC LABORATORY CHEMICALS Waste Class: 212 Waste Class Desc: ALIPHATIC SOLVENTS					
30	12 of 17	NNW/110.2	92.9 / -2.00	QUATROSENSE ENVIRONMENTAL LIMITED 5935 OTTAWA STREET RICHMOND ON	GEN
Generator No: ON2636700 Status: PO Box No: Country:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Approval Years: 2013 Contam. Facility: MHSW Facility: SIC Code: 811210 SIC Description: ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND MAINTENANCE Choice of Contact: Co Admin: Phone No Admin:					
Detail(s) Waste Class: 212 Waste Class Desc: ALIPHATIC SOLVENTS Waste Class: 263 Waste Class Desc: ORGANIC LABORATORY CHEMICALS					
30	13 of 17	NNW/110.2	92.9 / -2.00	QUATROSENSE ENVIRONMENTAL LIMITED 5935 OTTAWA STREET RICHMOND ON K0A 2Z0	GEN
Generator No: ON2636700 Status: Approval Years: 2016 Contam. Facility: No MHSW Facility: No SIC Code: 811210 SIC Description: ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND MAINTENANCE PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin:					
Detail(s) Waste Class: 263 Waste Class Desc: ORGANIC LABORATORY CHEMICALS Waste Class: 212 Waste Class Desc: ALIPHATIC SOLVENTS					
30	14 of 17	NNW/110.2	92.9 / -2.00	QUATROSENSE ENVIRONMENTAL LIMITED 5935 OTTAWA STREET RICHMOND ON K0A 2Z0	GEN
Generator No: ON2636700 Status: Approval Years: 2015 Contam. Facility: No MHSW Facility: No SIC Code: 811210 SIC Description: ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND MAINTENANCE PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Phone No Admin:					
Detail(s) Waste Class: 263 Waste Class Desc: ORGANIC LABORATORY CHEMICALS Waste Class: 212 Waste Class Desc: ALIPHATIC SOLVENTS					
30	15 of 17	NNW/110.2	92.9 / -2.00	QUATROSENSE ENVIRONMENTAL LIMITED 5935 OTTAWA STREET RICHMOND ON K0A 2Z0	GEN
Generator No: ON2636700 Status: Approval Years: 2014 PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: SIC Description:	No No 811210			Co Admin: Phone No Admin: ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND MAINTENANCE	
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	263 ORGANIC LABORATORY CHEMICALS				
Waste Class: Waste Class Desc:	212 ALIPHATIC SOLVENTS				
30	16 of 17	NNW/110.2	92.9 / -2.00	QUATROSENSE ENVIRONMENTAL LIMITED 5935 OTTAWA STREET RICHMOND ON K0A 2Z0	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON2636700 Registered As of Dec 2018			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	212 I Aliphatic solvents and residues				
30	17 of 17	NNW/110.2	92.9 / -2.00	QUATROSENSE ENVIRONMENTAL LIMITED 5935 OTTAWA STREET RICHMOND ON K0A 2Z0	GEN
Generator No: Status: Approval Years: Contam. Facility: MHSW Facility: SIC Code: SIC Description:	ON2636700 Registered As of Jul 2020			PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:	Canada
<u>Detail(s)</u>					
Waste Class: Waste Class Desc:	212 I Aliphatic solvents and residues				
31	1 of 1	WNW/114.6	94.9 / 0.00	ON	WWIS
Well ID: Construction Date: Primary Water Use: Sec. Water Use: Final Well Status: Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m):	1515324 Domestic 0 Water Supply			Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: Street Name: County: Municipality:	1 5/6/1976 Yes 3644 1 OTTAWA RICHMOND VILLAGE

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1515324.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10037281			Elevation:	95.735191
DP2BR:	28			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	435246.7
Code OB Desc:	Bedrock			North83:	5004074
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	4/14/1976			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931028879				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	28				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931028880				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	28				
Formation End Depth:	45				
Formation End Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	961515324				
Method Construction Code:	5				
Method Construction:	Air Percussion				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10585851				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930065828				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	31				
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991515324				
Pump Set At:					
Static Level:	8				
Final Level After Pumping:	30				
Recommended Pump Depth:	30				
Pumping Rate:	8				
Flowing Rate:					
Recommended Pump Rate:	5				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	2				
Water State After Test:	CLOUDY				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934646341				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	30				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934895468				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	30				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934376465			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		30			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934100125			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		30			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933471386			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		43			
Water Found Depth UOM:		ft			
32	1 of 1	W/115.8	96.0 / 1.08	ON	BORE
Borehole ID:	610308			Inclin FLG:	No
OGF ID:	215511823			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	SEP-1971			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	45.186026
Total Depth m:	4.9			Longitude DD:	-75.825095
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	435181
Drill Method:	Power auger			Northing:	5003947
Orig Ground Elev m:	95.8			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	95.3				
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:	218385230			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.3			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:				Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Stratum Description: ARTIFICIAL,SAND, GRAVEL. BROWN.					
Geology Stratum ID:	218385232			Mat Consistency:	Dense
Top Depth:	1.8			Material Moisture:	
Bottom Depth:	4.9			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Till			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description: SILT,SAND,TILL. BROWN,GREY,VERY DENSE. 000100270005805515016000800216500. STONE. GREY.					
Geology Stratum ID:	218385231			Mat Consistency:	Compact
Top Depth:	.3			Material Moisture:	
Bottom Depth:	1.8			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Clay			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description: SILT,SAND,CLAY. BROWN,COMPACT,LAYERED.					
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	H			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 028160 NTS_Sheet: 31G04				
Confiden 1:	Logged by professional. Exact and complete description of material and properties.				
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
33	1 of 2	SSW/120.4	95.9 / 1.00	TRIPLE R AUTO DEPOT 3839 MCBEAN RCHMND ON	AUWR
Headcode:	96400				
Headcode Desc:	Automobile Parts & Supplies-Used & Rebuilt				
Phone:	6138388745				
List Name:					
Description:					
33	2 of 2	SSW/120.4	95.9 / 1.00	TRIPLE R AUTO DEPOT 3839 MCBEAN STREET RICHMOND ON K0A 2Z0	GEN
Generator No:	ON2551501			PO Box No:	
Status:				Country:	
Approval Years:	01			Choice of Contact:	
Contam. Facility:				Co Admin:	

127 [esisinfo.com](https://www.esisinfo.com) | Environmental Risk Information Services Order No: 20321800180

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PDF URL (Map):					
<u>Bore Hole Information</u>					
Bore Hole ID:	1007283721			Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	435508
Code OB Desc:				North83:	5003290
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	6/7/2018			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007459023				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	02				
Most Common Material:	TOPSOIL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	.31				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007459024				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	.31				
Formation End Depth:	.91				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1007459025				
Layer:	3				
Color:	6				
General Color:	BROWN				
Mat1:	28				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:					
Mat2:		SAND	06		
Mat2 Desc:		SILT			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		.91			
Formation End Depth:		1.82			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1007459026			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1.82			
Formation End Depth:		3.96			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007459035			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007459037			
Layer:		3			
Plug From:		2.13			
Plug To:		3.96			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007459036			
Layer:		2			
Plug From:		0.31			
Plug To:		2.13			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1007459034			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		1007459022			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1007459030			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		2.13			
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1007459031			
Layer:		1			
Slot:		10			
Screen Top Depth:		2.13			
Screen End Depth:		3.96			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
<u>Water Details</u>					
Water ID:		1007459029			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1007459027			
Diameter:		11.43			
Depth From:		0			
Depth To:		2.13			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1007459028			
Diameter:		7.62			
Depth From:		2.13			
Depth To:		3.96			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
37	1 of 1	E/125.9	94.9 / 0.00	lot 2 con 6 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	1506370			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Livestock			Date Received:	1/19/1960
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3503
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	002
Well Depth:				Concession:	06
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506370.pdf

Bore Hole Information

Bore Hole ID:	10028413	Elevation:	95.760726
DP2BR:	20	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	436270.7
Code OB Desc:	Bedrock	North83:	5004017
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	11/14/1959	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931004380
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	20
Formation End Depth:	100
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931004379
Layer:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:					
General Color:					
Mat1:		12			
Most Common Material:		STONES			
Mat2:		02			
Mat2 Desc:		TOPSOIL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961506370			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10576983			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049572			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		25			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930049573			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		100			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991506370			
Pump Set At:					
Static Level:		22			
Final Level After Pumping:		30			
Recommended Pump Depth:		24			
Pumping Rate:		15			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		931011442			
Layer:		1			
Color:					
General Color:					
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931011443			
Layer:		2			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		25			
Formation End Depth:		75			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961509093			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579697			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930054901			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		75			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID: 930054900					
Layer: 1					
Material: 1					
Open Hole or Material: STEEL					
Depth From:					
Depth To: 25					
Casing Diameter: 4					
Casing Diameter UOM: inch					
Casing Depth UOM: ft					
<u>Results of Well Yield Testing</u>					
Pump Test ID: 991509093					
Pump Set At:					
Static Level: 20					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate: 4					
Levels UOM: ft					
Rate UOM: GPM					
Water State After Test Code: 1					
Water State After Test: CLEAR					
Pumping Test Method: 1					
Pumping Duration HR: 1					
Pumping Duration MIN: 0					
Flowing: No					
<u>Water Details</u>					
Water ID: 933463888					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 73					
Water Found Depth UOM: ft					
39	1 of 1	W/130.4	94.9 / 0.00	lot 24 con 3 ON	WWIS
Well ID: 1511083					
Construction Date:					
Primary Water Use: Domestic					
Sec. Water Use: 0					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No:					
Tag:					
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src: 1					
Date Received: 7/10/1968					
Selected Flag: Yes					
Abandonment Rec:					
Contractor: 1802					
Form Version: 1					
Owner:					
Street Name:					
County: OTTAWA					
Municipality: RICHMOND VILLAGE (GOULBOURN)					
Site Info:					
Lot: 024					
Concession: 03					
Concession Name: CON					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					
PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1511083.pdf					

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

Bore Hole Information

Bore Hole ID:	10033085	Elevation:	95.685508
DP2BR:	26	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435220.7
Code OB Desc:	Bedrock	North83:	5004062
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	6/14/1968	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931016644
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	09
Mat2 Desc:	MEDIUM SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	0
Formation End Depth:	26
Formation End Depth UOM:	ft

Overburden and Bedrock

Materials Interval

Formation ID:	931016645
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	26
Formation End Depth:	80
Formation End Depth UOM:	ft

Method of Construction & Well

Use

Method Construction ID:	961511083
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10581655			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930058700			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		80			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930058699			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		29			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991511083			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		35			
Recommended Pump Depth:		78			
Pumping Rate:		2			
Flowing Rate:					
Recommended Pump Rate:		2			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		No			
 <u>Water Details</u>					
Water ID:		933466155			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		35			
Water Found Depth UOM:		ft			
40	1 of 1	W/130.5	94.9 / 0.00	ON	BORE
Borehole ID:	610313			Inclin FLG:	No

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
OGF ID:	215511828			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:	JUN-1968			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.187065
Total Depth m:	24.4			Longitude DD:	-75.824601
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	435221
Drill Method:				Northing:	5004062
Orig Ground Elev m:	93			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	95.7				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID: 218385243
Top Depth: 0
Bottom Depth: 7.9
Material Color:
Material 1: Clay
Material 2: Sand
Material 3: Gravel
Material 4:
Gsc Material Description:
Stratum Description: CLAY,SAND,GRAVEL.

Mat Consistency:
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Geology Stratum ID: 218385244
Top Depth: 7.9
Bottom Depth: 24.4
Material Color: Brown
Material 1: Limestone
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: LIMESTONE. 00035000600 FEET.VERY STIFF, WEATHERED. SILT,SAND,CLAY. BROWN,COMPACT, LAYERED.

Mat Consistency: Compact
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence:
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 02821 NTS_Sheet:
Confiden 1:

Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
Verticalda: Mean Average Sea Level

Source List

Source Identifier: 1
Source Type: Data Survey
Source Date: 1956-1972
Scale or Resolution: Varies
Source Name: Urban Geology Automated Information System (UGAIS)

Horizontal Datum: NAD27
Vertical Datum: Mean Average Sea Level
Projection Name: Universal Transverse Mercator

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source Originators:		Geological Survey of Canada			
41	1 of 1	WSW/130.6	94.9 / 0.00	ON	WWIS
Well ID: 1509289		Data Entry Status:			
Construction Date:		Data Src: 1			
Primary Water Use: Domestic		Date Received: 10/30/1964			
Sec. Water Use: 0		Selected Flag: Yes			
Final Well Status: Water Supply		Abandonment Rec:			
Water Type:		Contractor: 3503			
Casing Material:		Form Version: 1			
Audit No:		Owner:			
Tag:		Street Name:			
Construction Method:		County: OTTAWA			
Elevation (m):		Municipality: RICHMOND VILLAGE			
Elevation Reliability:		Site Info:			
Depth to Bedrock:		Lot:			
Well Depth:		Concession:			
Overburden/Bedrock:		Concession Name:			
Pump Rate:		Easting NAD83:			
Static Water Level:		Northing NAD83:			
Flowing (Y/N):		Zone:			
Flow Rate:		UTM Reliability:			
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509289.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID: 10031322		Elevation: 95.599014			
DP2BR: 0		Elevrc:			
Spatial Status:		Zone: 18			
Code OB: h		East83: 435310.8			
Code OB Desc: Mixed in a Layer		North83: 5003522			
Open Hole:		Org CS:			
Cluster Kind:		UTMRC: 5			
Date Completed: 10/9/1964		UTMRC Desc: margin of error : 100 m - 300 m			
Remarks:		Location Method: p5			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID: 931011851					
Layer: 1					
Color:					
General Color:					
Mat1: 05					
Most Common Material: CLAY					
Mat2: 15					
Mat2 Desc: LIMESTONE					
Mat3:					
Mat3 Desc:					
Formation Top Depth: 0					
Formation End Depth: 18					
Formation End Depth UOM: ft					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931011852			
Layer:		2			
Color:					
General Color:					
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		18			
Formation End Depth:		55			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961509289			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579892			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930055295			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		20			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930055296			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		55			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991509289			
Pump Set At:					
Static Level:		16			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Final Level After Pumping:	30				
Recommended Pump Depth:	45				
Pumping Rate:	20				
Flowing Rate:					
Recommended Pump Rate:	5				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	0				
Pumping Duration MIN:	30				
Flowing:	No				
 <u>Water Details</u>					
Water ID:	933464109				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	50				
Water Found Depth UOM:	ft				

42	1 of 1	NE/131.3	93.9 / -1.00	lot 3 con 6 ON	WWIS
Well ID:	1517577			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Livestock			Date Received:	8/21/1981
Sec. Water Use:	Domestic			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3644
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	003
Well Depth:				Concession:	06
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1517577.pdf				

Bore Hole Information

Bore Hole ID:	10039449	Elevation:	94.432998
DP2BR:	41	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	436129.7
Code OB Desc:	Bedrock	North83:	5004421
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	8/5/1981	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931035621			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		41			
Formation End Depth:		125			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931035619			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931035620			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		20			
Formation End Depth:		41			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961517577			
Method Construction Code:		2			
Method Construction:		Rotary (Convent.)			
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		10588019			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930068984			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		43			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991517577			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		60			
Recommended Pump Depth:					
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934895106			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		60			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934102108			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		60			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934645831			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		60			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934375996				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	60				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933474077				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	120				
Water Found Depth UOM:	ft				
43	1 of 1	NW/134.5	93.9 / -1.00	6004 OTTAWA STREET lot 25 con 2 RICHMOND ON	WWIS
Well ID:	1535994			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	11/14/2005
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1119
Casing Material:				Form Version:	3
Audit No:	Z30775			Owner:	
Tag:	A023099			Street Name:	6004 OTTAWA STREET
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE (GOULBOURN)
Elevation Reliability:				Site Info:	PLAN RP 4R6987 S/L 2
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1535994.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	11316533			Elevation:	94.367126
DP2BR:	12			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	435466
Code OB Desc:	Bedrock			North83:	5004228
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	10/4/2005			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932997733			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		3.66			
Formation End Depth:		29.56			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932997732			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		81			
Mat2 Desc:		SANDY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		3.66			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933280772			
Layer:		1			
Plug From:		6.1			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961535994			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11331388			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930856041			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		6.1			
Depth To:		29.56			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Casing</u>					
Casing ID:		930856040			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		0			
Depth To:		6.71			
Casing Diameter:		15.88			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		11345815			
Pump Set At:		24.38			
Static Level:		2.98			
Final Level After Pumping:		3.63			
Recommended Pump Depth:		24.38			
Pumping Rate:		91			
Flowing Rate:					
Recommended Pump Rate:		91			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489025			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		3.2			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489038			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		3.313			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489042			
Test Type:		Recovery			
Test Duration:		30			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		3.12			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489047			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		3.12			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489023			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		3.54			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489034			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		3.59			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489033			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		3.4			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489045			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		3.12			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489032			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		3.56			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489036			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		3.14			
Test Level UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489048			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		3.63			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489029			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		3.36			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489027			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		3.21			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489037			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		3.52			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489030			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		3.25			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489035			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		3.41			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489026			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		3.46			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489046			
Test Type:		Recovery			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		50			
Test Level:		3.12			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489043			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		3.21			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489028			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		3.3			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489024			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		3.31			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489044			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		3.61			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489039			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		3.12			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489040			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		3.49			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489031			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		3.38			
Test Level UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11489041			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		3.17			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		934067379			
Layer:		2			
Kind Code:					
Kind:					
Water Found Depth:		27.43			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		934067380			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		24.38			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		11534166			
Diameter:		15.24			
Depth From:		0			
Depth To:		29.56			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
44	1 of 1	WNW/135.9	94.9 / 0.00	ON	WWIS
Well ID:	1509113			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	4/17/1953
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4832
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509113.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10031147			Elevation:	95.675376
DP2BR:	19			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	435295.7
Code OB Desc:	Bedrock			North83:	5004142
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	8/30/1952			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931011486				
Layer:	2				
Color:					
General Color:					
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	19				
Formation End Depth:	120				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931011485				
Layer:	1				
Color:					
General Color:					
Mat1:	01				
Most Common Material:	FILL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	19				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961509113				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10579717			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930054941			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		120			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930054940			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991509113			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:		40			
Recommended Pump Depth:					
Pumping Rate:		3			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		20			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933463914			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		70			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933463915			
Layer:		2			
Kind Code:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind:		FRESH			
Water Found Depth:		115			
Water Found Depth UOM:		ft			

45	1 of 1	SW/136.6	94.9 / 0.00	ON	BORE
Borehole ID:	610287			Inclin FLG:	No
OGF ID:	215511803			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:	2.1			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.181586
Total Depth m:	-999			Longitude DD:	-75.822739
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	435361
Drill Method:				Northing:	5003452
Orig Ground Elev m:	94.5			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	96.2				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218385182		Mat Consistency:	
Top Depth:	0		Material Moisture:	
Bottom Depth:	5.5		Material Texture:	
Material Color:			Non Geo Mat Type:	
Material 1:	Clay		Geologic Formation:	
Material 2:			Geologic Group:	
Material 3:			Geologic Period:	
Material 4:			Depositional Gen:	
Gsc Material Description:				
Stratum Description:	CLAY.			
Geology Stratum ID:	218385183		Mat Consistency:	Compact
Top Depth:	5.5		Material Moisture:	
Bottom Depth:			Material Texture:	
Material Color:	Brown		Non Geo Mat Type:	
Material 1:	Bedrock		Geologic Formation:	
Material 2:			Geologic Group:	
Material 3:			Geologic Period:	
Material 4:			Depositional Gen:	
Gsc Material Description:				
Stratum Description:	BEDROCK. WATER STABLE AT 303.0 FEET.L. SILT,SAND,CLAY. BROWN,COMPACT. SILT,SAND,TILL. BROW			

**Note: Many records provided by the department have a truncated [Stratum Description] field.

Source

Source Type:	Data Survey	Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada	Source Iden:	1
Source Date:	1956-1972	Scale or Res:	Varies
Confidence:	M	Horizontal:	NAD27
Observatio:		Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 027950 NTS_Sheet: 31G04F		
Confiden 1:	Reliable information but incomplete.		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
46	1 of 5	SSW/145.1	95.9 / 1.00	lot 24 con 2 ON	WWIS
Well ID:	1520171			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Commerical			Date Received:	11/21/1985
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4875
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	024
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1520171.pdf				
Bore Hole Information					
Bore Hole ID:	10042016			Elevation:	98.672615
DP2BR:	8			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	435533.7
Code OB Desc:	Bedrock			North83:	5003228
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	10/23/1985			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock					
Materials Interval					
Formation ID:	931043950				
Layer:	6				
Color:					
General Color:					
Mat1:	18				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		141			
Formation End Depth:		143			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931043947			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		10			
Formation End Depth:		127			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931043949			
Layer:		5			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		133			
Formation End Depth:		141			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931043948			
Layer:		4			
Color:					
General Color:					
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		127			
Formation End Depth:		133			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931043945			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		81			
Mat2 Desc:		SANDY			
Mat3:		12			
Mat3 Desc:		STONES			
Formation Top Depth:		0			
Formation End Depth:		8			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931043946			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		8			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931043951			
Layer:		7			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		143			
Formation End Depth:		158			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933109024			
Layer:		1			
Plug From:		0			
Plug To:		20			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961520171			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10590586			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930073337			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		158			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930073336			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		20			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991520171			
Pump Set At:					
Static Level:		5			
Final Level After Pumping:		145			
Recommended Pump Depth:		145			
Pumping Rate:		4			
Flowing Rate:					
Recommended Pump Rate:		4			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934376811			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		51			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934655562			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		14			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934904951			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		8			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933477348			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		102			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933477349			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		143			
Water Found Depth UOM:		ft			
46	2 of 5	SSW/145.1	95.9 / 1.00	lot 24 con 2 ON	WWIS
Well ID:	1520272			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Commerical			Date Received:	1/27/1986
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3644
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	024
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1520272.pdf				
<u>Bore Hole Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10042115			Elevation:	98.672615
DP2BR:	5			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	435533.7
Code OB Desc:	Bedrock			North83:	5003228
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	10/17/1985			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931044246				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	11				
Mat2 Desc:	GRAVEL				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	5				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931044247				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	5				
Formation End Depth:	135				
Formation End Depth UOM:	ft				
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961520272				
Method Construction Code:	5				
Method Construction:	Air Percussion				
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:	10590685				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No: Comment: Alt Name:		1			
<u>Construction Record - Casing</u>					
Casing ID:		930073488			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930073489			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		135			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991520272			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:		130			
Recommended Pump Depth:		130			
Pumping Rate:		6			
Flowing Rate:					
Recommended Pump Rate:		6			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934905037			
Test Type:					
Test Duration:		60			
Test Level:		130			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934377314			
Test Type:					
Test Duration:		30			
Test Level:		130			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934110793			
Test Type:					
Test Duration:		15			
Test Level:		130			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934656068			
Test Type:					
Test Duration:		45			
Test Level:		130			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933477462			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		130			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933477461			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			
46	3 of 5	SSW/145.1	95.9 / 1.00	lot 24 con 2 ON	WWIS
Well ID:	1521588			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	8/14/1987
Sec. Water Use:	Commerical			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3644
Casing Material:				Form Version:	1
Audit No:	08524			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	024
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1521588.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10043410			Elevation:	98.672615
DP2BR:	2			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	435533.7
Code OB Desc:	Bedrock			North83:	5003228
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	6/10/1987			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931048563				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	2				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931048564				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	2				
Formation End Depth:	85				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961521588				
Method Construction Code:	5				
Method Construction:	Air Percussion				
Other Method Construction:					
<u>Pipe Information</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pipe ID:		10591980			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930075830			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		85			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930075829			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		25			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991521588			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:		60			
Recommended Pump Depth:		60			
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:		8			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934652306			
Test Type:					
Test Duration:		45			
Test Level:		60			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934390745			
Test Type:					
Test Duration:		30			
Test Level:		60			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934107063			
Test Type:					
Test Duration:		15			
Test Level:		60			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934909956			
Test Type:					
Test Duration:		60			
Test Level:		60			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933479213			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		35			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933479214			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		80			
Water Found Depth UOM:		ft			
46	4 of 5	SSW/145.1	95.9 / 1.00	lot 24 con 2 ON	WWIS
Well ID:		1521853		Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:		Domestic		Date Received:	10/1/1987
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:		19319		Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	024
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/1521521853.pdf			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Bore Hole Information</u>					
Bore Hole ID:	10043666			Elevation:	98.672615
DP2BR:	8			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	435533.7
Code OB Desc:	Bedrock			North83:	5003228
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	9
Date Completed:	7/11/1987			UTMRC Desc:	unknown UTM
Remarks:				Location Method:	lot
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931049377				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	8				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931049378				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	8				
Formation End Depth:	22				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931049379				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:	78				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:		MEDIUM-GRAINED			
Mat3:					
Mat3 Desc:					
Formation Top Depth:	22				
Formation End Depth:	100				
Formation End Depth UOM:	ft				
 <u>Method of Construction & Well Use</u>					
Method Construction ID:	961521853				
Method Construction Code:	5				
Method Construction:	Air Percussion				
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:	10592236				
Casing No:	1				
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:	930076297				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	22				
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
 <u>Construction Record - Casing</u>					
Casing ID:	930076298				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	100				
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
 <u>Results of Well Yield Testing</u>					
Pump Test ID:	991521853				
Pump Set At:					
Static Level:	4				
Final Level After Pumping:	50				
Recommended Pump Depth:	70				
Pumping Rate:	12				
Flowing Rate:					
Recommended Pump Rate:	5				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934910621			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934108147			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934391271			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934653390			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		50			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933479562			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		95			
Water Found Depth UOM:		ft			

<u>46</u>	5 of 5	SSW/145.1	95.9 / 1.00	lot 24 con 2 ON	WWIS
Well ID:		1523490		Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:		Domestic		Date Received:	7/10/1989
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:		50809		Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	024
Well Depth:				Concession:	02

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Overburden/Bedrock:			Concession Name: CON		
Pump Rate:			Easting NAD83:		
Static Water Level:			Northing NAD83:		
Flowing (Y/N):			Zone:		
Flow Rate:			UTM Reliability:		
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/152\1523490.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10045265	Elevation:		98.672615	
DP2BR:	2	Elevrc:			
Spatial Status:		Zone:		18	
Code OB:	r	East83:		435533.7	
Code OB Desc:	Bedrock	North83:		5003228	
Open Hole:		Org CS:			
Cluster Kind:		UTMRC:		9	
Date Completed:	6/27/1989	UTMRC Desc:		unknown UTM	
Remarks:		Location Method:		lot	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931054801				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:	28				
Mat2 Desc:	SAND				
Mat3:	74				
Mat3 Desc:	LAYERED				
Formation Top Depth:	140				
Formation End Depth:	170				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931054802				
Layer:	4				
Color:	2				
General Color:	GREY				
Mat1:	18				
Most Common Material:	SANDSTONE				
Mat2:	74				
Mat2 Desc:	LAYERED				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	170				
Formation End Depth:	200				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		931054799			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		2			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931054800			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		2			
Formation End Depth:		140			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961523490			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10593835			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930079204			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		21			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930079206			
Layer:		3			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		200			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930079205			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		150			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991523490			
Pump Set At:					
Static Level:		3			
Final Level After Pumping:		20			
Recommended Pump Depth:		50			
Pumping Rate:		20			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934105015			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		20			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934389663			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		20			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934907848			
Test Type:		Draw Down			
Test Duration:		60			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		20			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934650223			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		20			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933481781			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		198			
Water Found Depth UOM:		ft			

47	1 of 1	W/146.0	94.9 / 0.00	ON	WWIS
Well ID:	1509115			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	4/17/1953
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	5205
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509115.pdf

Bore Hole Information

Bore Hole ID:	10031149	Elevation:	95.804595
DP2BR:	25	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435135.7
Code OB Desc:	Bedrock	North83:	5003922
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	9/15/1952	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931011490			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		25			
Formation End Depth:		151			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931011489			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961509115			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579719			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930054944			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		26			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930054945			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		151			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991509115			
Pump Set At:					
Static Level:		12			
Final Level After Pumping:		80			
Recommended Pump Depth:					
Pumping Rate:		2			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933463917			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		140			
Water Found Depth UOM:		ft			
48	1 of 1	WSW/147.6	94.9 / 0.00	ON	WWIS
Well ID:	1509164			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/16/1957
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3113
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flow Rate: Clear/Cloudy:		UTM Reliability:			
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509164.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10031197			Elevation:	95.179161
DP2BR:	92			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	435140.7
Code OB Desc:	Bedrock			North83:	5003702
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	9/18/1957			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931011592				
Layer:	1				
Color:					
General Color:					
Mat1:	24				
Most Common Material:	PREV. DRILLED				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	92				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	931011593				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	92				
Formation End Depth:	132				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well Use</u>					
Method Construction ID:	961509164				
Method Construction Code:	1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10579767				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930055043				
Layer:	2				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	92				
Casing Diameter:	4				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930055042				
Layer:	1				
Material:					
Open Hole or Material:					
Depth From:					
Depth To:	72				
Casing Diameter:					
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930055044				
Layer:	3				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	132				
Casing Diameter:	4				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991509164				
Pump Set At:					
Static Level:	33				
Final Level After Pumping:	39				
Recommended Pump Depth:					
Pumping Rate:	3				
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Duration MIN: Flowing:		0 No			
<u>Water Details</u>					
Water ID:		933463965			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		132			
Water Found Depth UOM:		ft			

49	1 of 1	SSW/147.8	95.9 / 1.00	lot 24 con 2 ON	WWIS
Well ID:		1531657		Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:		Domestic		Date Received:	1/30/2001
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:		224697		Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	024
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1531657.pdf

Bore Hole Information

Bore Hole ID:		10053191	Elevation:	98.684112
DP2BR:		8	Elevrc:	
Spatial Status:			Zone:	18
Code OB:		r	East83:	435530.3
Code OB Desc:		Bedrock	North83:	5003228
Open Hole:			Org CS:	
Cluster Kind:			UTMRC:	9
Date Completed:		11/3/2000	UTMRC Desc:	unknown UTM
Remarks:			Location Method:	lot
Elevrc Desc:				
Location Source Date:				
Improvement Location Source:				
Improvement Location Method:				
Source Revision Comment:				
Supplier Comment:				

Overburden and Bedrock Materials Interval

Formation ID:		931079157
Layer:		2
Color:		2

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		74			
Mat2 Desc:		LAYERED			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		8			
Formation End Depth:		14			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931079158			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		14			
Formation End Depth:		115			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931079156			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		79			
Mat2 Desc:		PACKED			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		8			
Formation End Depth UOM:		ft			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933116824			
Layer:		1			
Plug From:		0			
Plug To:		21			
Plug Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961531657			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		10601761			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930093152			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930093153			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991531657			
Pump Set At:					
Static Level:		13			
Final Level After Pumping:		60			
Recommended Pump Depth:		75			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934658199			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		75			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934114065			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		15			
Test Level:		160			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934915090			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		60			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934397681			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		75			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933492207			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		100			
Water Found Depth UOM:		ft			

50	1 of 1	WNW/149.4	94.9 / 0.00	lot 24 con 3 ON	WWIS
Well ID:		1509733		Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:		Domestic		Date Received:	1/8/1969
Sec. Water Use:		0		Selected Flag:	Yes
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	1503
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE (GOULBOURN)
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	024
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509733.pdf

Bore Hole Information

Bore Hole ID:	10031765	Elevation:	95.723373
DP2BR:	23	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435210.7
Code OB Desc:	Bedrock	North83:	5004082

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	12/14/1968			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931012913			
Layer:		3			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		23			
Formation End Depth:		51			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931012912			
Layer:		2			
Color:					
General Color:					
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		15			
Formation End Depth:		23			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931012911			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		15			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	961509733				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10580335				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930056167				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	51				
Casing Diameter:	5				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930056166				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	28				
Casing Diameter:	5				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991509733				
Pump Set At:					
Static Level:	18				
Final Level After Pumping:	21				
Recommended Pump Depth:	30				
Pumping Rate:	10				
Flowing Rate:					
Recommended Pump Rate:	5				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	2				
Water State After Test:	CLOUDY				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Water Details</u>					
Water ID:	933464625				
Layer:	1				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	50				
Water Found Depth UOM:	ft				

51	1 of 1	W/151.0	94.9 / 0.00	lot 24 con 2 ON	WWIS
Well ID:	1517200			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	1/15/1980
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3504
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	024
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1517200.pdf				

Bore Hole Information

Bore Hole ID:	10039077	Elevation:	95.814834
DP2BR:	7	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435129.7
Code OB Desc:	Bedrock	North83:	5003921
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	7/10/1979	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931034410
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		7			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931034412			
Layer:		3			
Color:					
General Color:					
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:		15			
Mat2 Desc:		LIMESTONE			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		180			
Formation End Depth:		200			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931034411			
Layer:		2			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		7			
Formation End Depth:		180			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961517200			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10587647			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930068467			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		21			
Casing Diameter:		6			
Casing Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991517200			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		195			
Recommended Pump Depth:		160			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934383146			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		115			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934644228			
Test Type:		Recovery			
Test Duration:		45			
Test Level:		110			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934893921			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		110			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933473626			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		180			
Water Found Depth UOM:		ft			

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1 of 1

W/152.0

94.9 / 0.00

ON

WWIS

Well ID: 1509169
 Construction Date:
 Primary Water Use: Domestic
 Sec. Water Use: 0

Data Entry Status:
 Data Src: 1
 Date Received: 5/20/1958
 Selected Flag: Yes

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3718
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509169.pdf

Bore Hole Information

Bore Hole ID:	10031202	Elevation:	95.994453
DP2BR:	30	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435175.7
Code OB Desc:	Bedrock	North83:	5004022
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	5/12/1958	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931011604
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	30
Formation End Depth:	49
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931011603
Layer:	2
Color:	
General Color:	
Mat1:	14
Most Common Material:	HARDPAN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		25			
Formation End Depth:		30			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931011602			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		25			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961509169			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579772			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930055054			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		49			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930055053			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		30			
Casing Diameter:		4			
Casing Diameter UOM:		inch			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991509169			
Pump Set At:					
Static Level:		0			
Final Level After Pumping:		2			
Recommended Pump Depth:					
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933463970			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		35			
Water Found Depth UOM:		ft			

53	1 of 1	WNW/152.4	94.9 / 0.00	6041 OTTAWA ST. lot 24 con 3 RICHMOND ON	WWIS
Well ID:	7110589			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	8/28/2008
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4875
Casing Material:				Form Version:	4
Audit No:	Z77591			Owner:	
Tag:	A068479			Street Name:	6041 OTTAWA ST.
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	024
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/711\7110589.pdf				

Bore Hole Information

Bore Hole ID:	1001766957	Elevation:	95.847618
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	435297

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Code OB Desc:				North83:	5004160
Open Hole:	Yes			Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	6/13/2008			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001768342			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5.18			
Formation End Depth:		46.36			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001768340			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		3.05			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001768341			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		34			
Most Common Material:		TILL			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		3.05			
Formation End Depth:		5.18			
Formation End Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1001768344			
Layer:		1			
Plug From:		0			
Plug To:		6			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1001768377			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:		ROT AIR			
<u>Pipe Information</u>					
Pipe ID:		1001768338			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1001768348			
Layer:					
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		7.63			
Casing Diameter:		6.25			
Casing Diameter UOM:		inch			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1001768349			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:					
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1001768339			
Pump Set At:		43			
Static Level:		2.77			
Final Level After Pumping:		19.08			
Recommended Pump Depth:		43			
Pumping Rate:		23			
Flowing Rate:					
Recommended Pump Rate:		23			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768369			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		6.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768374			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		19.08			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768361			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		12.32			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768370			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		17.12			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768372			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		18.08			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768356			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		6.91			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768364			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		13.58			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768373			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		3.77			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768366			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		14.56			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768355			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		16.12			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768363			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		10.12			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768352			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		4.91			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768375			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		3.29			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768371			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		4.93			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1001768362			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		11.82			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768359			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		14.67			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768351			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		17.78			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768353			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		16.98			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768354			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		5.8			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768360			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		9.61			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768350			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		4.1			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768357			
Test Type:		Recovery			
Test Duration:		4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		15.29			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768368			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		15.44			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768365			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		8.37			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768358			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		7.22			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001768367			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		7.41			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1001768347			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		36			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		1001768345			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		12			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		1001768346			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		23			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1001768343			
Diameter:		14.61			
Depth From:					
Depth To:		15.2			
Hole Depth UOM:		ft			
Hole Diameter UOM:		cm			

54	1 of 1	WNW/153.1	94.9 / 0.00	ON	WWIS
Well ID:	1511257			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	7/8/1971
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3644
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1511257.pdf

Bore Hole Information

Bore Hole ID:	10033254	Elevation:	96.163002
DP2BR:	20	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435230.7
Code OB Desc:	Bedrock	North83:	5004117
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	6/9/1971	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	931017169
Layer:	3
Color:	2
General Color:	GREY

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		20			
Formation End Depth:		100			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931017167			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		15			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931017168			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		15			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961511257			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10581824			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930059019			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991511257			
Pump Set At:					
Static Level:		4			
Final Level After Pumping:		80			
Recommended Pump Depth:		80			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381776			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934643354			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		70			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934097790			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934900833			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		80			
Test Level UOM:		ft			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID:		933466358			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		100			
Water Found Depth UOM:		ft			

55	1 of 1	WNW/156.5	94.9 / 0.00	lot 24 con 2 ON	WWIS
Well ID:	1518220			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	5/6/1983
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3644
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	024
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518220.pdf

Bore Hole Information

Bore Hole ID:	10040090	Elevation:	96.176391
DP2BR:	18	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435229.7
Code OB Desc:	Bedrock	North83:	5004121
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	4/19/1983	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931037750
Layer:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		3			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931037751			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		3			
Formation End Depth:		18			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931037752			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		18			
Formation End Depth:		63			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961518220			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10588660			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930069998			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To:		63			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930069997			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991518220			
Pump Set At:					
Static Level:		6			
Final Level After Pumping:		30			
Recommended Pump Depth:		30			
Pumping Rate:		6			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934897809			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		30			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934378289			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		30			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934639348			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		30			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		934103537			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		30			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933474890			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		45			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933474891			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			
56	1 of 1	WNW/158.9	94.9 / 0.00	ON	WWIS
Well ID:	1510336			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/28/1969
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1503
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1510336.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10032364			Elevation:	95.804161
DP2BR:	28			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	435205.7
Code OB Desc:	Bedrock			North83:	5004092
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	8/19/1969			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931014579			
Layer:		3			
Color:		3			
General Color:		BLUE			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		28			
Formation End Depth:		121			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931014577			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931014578			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Mat2 Desc:		MEDIUM SAND			
Mat3:		13			
Mat3 Desc:		BOULDERS			
Formation Top Depth:		20			
Formation End Depth:		28			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961510336			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10580934			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930057322			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		31			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930057323			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		121			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991510336			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		50			
Recommended Pump Depth:		75			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933465306			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		80			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933465307			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		110			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933465308			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		119			
Water Found Depth UOM:		ft			
57	1 of 1	SW/166.4	95.9 / 1.00	lot 24 con 2 ON	WWIS
Well ID:	1518354			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	8/3/1983
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3644
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	024
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518354.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10040224			Elevation:	97.607444
DP2BR:	7			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	435429.7
Code OB Desc:	Bedrock			North83:	5003321
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	5/26/1983			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931038183			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		7			
Formation End Depth:		105			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931038182			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		7			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961518354			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10588794			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930070213			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		22			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930070214			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		105			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991518354			
Pump Set At:					
Static Level:		5			
Final Level After Pumping:		70			
Recommended Pump Depth:		70			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934103670			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		70			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934898359			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		70			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934639899			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		70			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934378839			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		70			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933475048			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		101			
Water Found Depth UOM:		ft			

58	1 of 1	SSW/166.7	95.9 / 1.00	ON	WWIS
Well ID:	1509284			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Commerical			Date Received:	12/18/1963
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4824
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509284.pdf				

Bore Hole Information

Bore Hole ID:	10031317	Elevation:	98.771095
DP2BR:	0	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435510.7
Code OB Desc:	Bedrock	North83:	5003222
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	12/2/1963	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931011839
Layer:	1
Color:	
General Color:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		17			
Most Common Material:		SHALE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931011840			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		10			
Formation End Depth:		46			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961509284			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579887			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930055286			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		46			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930055285			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		10			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991509284			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		15			
Recommended Pump Depth:		20			
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933464104			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		25			
Water Found Depth UOM:		ft			
<u>59</u>	1 of 1	SSW/166.8	95.9 / 1.00	ON	BORE
Borehole ID:		610284		Inclin FLG:	No
OGF ID:		215511800		SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:		Borehole		Piezometer:	No
Use:				Primary Name:	
Completion Date:		DEC-1963		Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.17953
Total Depth m:		14		Longitude DD:	-75.820801
Depth Ref:		Ground Surface		UTM Zone:	18
Depth Elev:				Easting:	435511
Drill Method:				Northing:	5003222
Orig Ground Elev m:		97.5		Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:		98.8			
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:		218385174		Mat Consistency:	
Top Depth:		0		Material Moisture:	
Bottom Depth:		3		Material Texture:	
Material Color:				Non Geo Mat Type:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:		Shale SHALE.		Geologic Formation: Geologic Group: Geologic Period: Depositional Gen:	
Geology Stratum ID: Top Depth: Bottom Depth: Material Color: Material 1: Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description:		218385175 3 14 Brown Limestone LIMESTONE. GREY. 00025E. 0000060. GREY. 00064STONE. TILL. BROWN,DENSE. 0004 **Note: Many records provided by the department have a truncated [Stratum Description] field.		Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: Dense	
<u>Source</u>					
Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:		Data Survey Geological Survey of Canada 1956-1972 Urban Geology Automated Information System (UGAIS) File: OTTAWA1.txt RecordID: 02792 NTS_Sheet:		Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda: Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level	
<u>Source List</u>					
Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name: Source Originators:		1 Data Survey 1956-1972 Varies Urban Geology Automated Information System (UGAIS) Geological Survey of Canada		Horizontal Datum: Vertical Datum: Projection Name: NAD27 Mean Average Sea Level Universal Transverse Mercator	
60	1 of 8	N/171.3	92.9 / -2.00	RICHMOND GARDENS 5901 OTTAWA ST, UNIT 5901 RICHMOND ON K0A 2Z0	PES
Detail Licence No: Licence No: Status: Approval Date: Report Source: Licence Type: Licence Type Code: Licence Class: Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:		Limited Vendor 23		Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: Oper Phone No: Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
60	2 of 8	N/171.3	92.9 / -2.00	RICHMOND GARDENS 5901 OTTAWA ST, UNIT 5901 RICHMOND ON K0A2Z0	PES
Detail Licence No:				Operator Box: 259	
Licence No:				Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:				Oper Area Code:	
Licence Type:	Vendor			Oper Phone No:	
Licence Type Code:				Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF Link:					
60	3 of 8	N/171.3	92.9 / -2.00	Lalonde Richmond Gardens 5901 Ottawa St Richmond ON K0A 2Z0	SCT
Established:		01-JUL-68			
Plant Size (ft²):		70000			
Employment:					
--Details--					
Description:		Floriculture Production			
SIC/NAICS Code:		111422			
Description:		Nursery and Tree Production			
SIC/NAICS Code:		111421			
60	4 of 8	N/171.3	92.9 / -2.00	RICHMOND GARDENS 5901 OTTAWA ST, UNIT 5901 RICHMOND ON K0A 2Z0	PES
Detail Licence No:	23-01-13347-0			Operator Box: 259	
Licence No:				Operator Class:	
Status:				Operator No:	
Approval Date:				Operator Type:	
Report Source:				Oper Area Code:	
Licence Type:	LIMITED			Oper Phone No:	
Licence Type Code:				Operator Ext:	
Licence Class:				Operator Lot:	
Licence Control:				Oper Concession:	
Latitude:				Operator Region:	
Longitude:				Operator District:	
Lot:				Operator County:	
Concession:				Op Municipality:	
Region:				Post Office Box:	
District:				MOE District:	
County:				SWP Area Name:	
Trade Name:					
PDF Link:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
60	5 of 8	N/171.3	92.9 / -2.00	5901 Ottawa St Ottawa ON K0A2Z0	EHS
Order No: 20130730008 Status: C Report Type: Custom Report Report Date: 07-AUG-13 Date Received: 31-JUL-13 Previous Site Name: Lot/Building Size: Additional Info Ordered:		Nearest Intersection: Municipality: Client Prov/State: ON Search Radius (km): .25 X: -75.817813 Y: 45.193036			
60	6 of 8	N/171.3	92.9 / -2.00	CREEK SIDE GARDENS INC. O/A CREEKSIDE GARDENS 5901 OTTAWA ST RICHMOND ON K0A2Z0	PES
Detail Licence No: Licence No: 16817 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: General Vendor Licence Type Code: 22 Licence Class: 01 Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:		Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 613 Oper Phone No: 8385959 Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:			
60	7 of 8	N/171.3	92.9 / -2.00	RITCHIE FEED AND SEED INC 5901 OTTAWA ST RICHMOND ON K0A2Z0	PES
Detail Licence No: Licence No: 17995 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: General Vendor Licence Type Code: 22 Licence Class: 01 Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:		Operator Box: Operator Class: Operator No: Operator Type: Oper Area Code: 613 Oper Phone No: 8385959 Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
60	8 of 8	N/171.3	92.9 / -2.00	RICHMOND GARDENS 5901 OTTAWA ST, UNIT 5901 RICHMOND ON K0A2Z0	PES
Detail Licence No: Licence No: 13347 Status: Approval Date: Report Source: Legacy Licenses (Excluding TS) Licence Type: Limited Vendor Licence Type Code: 23 Licence Class: 01 Licence Control: Latitude: Longitude: Lot: Concession: Region: District: County: Trade Name: PDF Link:		Operator Box: 259 Operator Class: Operator No: Operator Type: Oper Area Code: 613 Oper Phone No: 8385959 Operator Ext: Operator Lot: Oper Concession: Operator Region: Operator District: Operator County: Op Municipality: Post Office Box: MOE District: SWP Area Name:			
61	1 of 1	SW/171.7	95.9 / 1.00	3837 MCBEAN ST lot 24 con 2 RICHMOND ON	WWIS
Well ID: 7318396 Construction Date: Primary Water Use: Test Hole Sec. Water Use: Monitoring Final Well Status: Test Hole Water Type: Casing Material: Audit No: Z286637 Tag: A215791 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:		Data Entry Status: Data Src: Date Received: 8/31/2018 Selected Flag: Yes Abandonment Rec: Contractor: 7241 Form Version: 7 Owner: Street Name: 3837 MCBEAN ST County: OTTAWA Municipality: GOULBOURN TOWNSHIP Site Info: Lot: 024 Concession: 02 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability:			
PDF URL (Map):					
<u>Bore Hole Information</u>					
Bore Hole ID: 1007283724 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 6/7/2018 Remarks: Elevrc Desc: Location Source Date:		Elevation: Elevrc: Zone: 18 East83: 435459 North83: 5003277 Org CS: UTM83 UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: wwr			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1007459040			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		11			
Most Common Material:		GRAVEL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		.31			
Formation End Depth:		.91			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1007459039			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		.31			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1007459041			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		06			
Mat2 Desc:		SILT			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		.91			
Formation End Depth:		1.5			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1007459042			
Layer:		4			
Color:		2			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		1.5			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007459052			
Layer:		2			
Plug From:		0.31			
Plug To:		2.74			
Plug Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007459051			
Layer:		1			
Plug From:		0			
Plug To:		0.31			
Plug Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1007459053			
Layer:		3			
Plug From:		2.74			
Plug To:		4.57			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1007459050			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1007459038			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1007459046			
Layer:		1			
Material:		5			
Open Hole or Material:		PLASTIC			
Depth From:		0			
Depth To:		3.1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		4.03			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		1007459047			
Layer:		1			
Slot:		10			
Screen Top Depth:		3.1			
Screen End Depth:		4.37			
Screen Material:		5			
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:		4.82			
 <u>Water Details</u>					
Water ID:		1007459045			
Layer:					
Kind Code:					
Kind:					
Water Found Depth:					
Water Found Depth UOM:		m			
 <u>Hole Diameter</u>					
Hole ID:		1007459043			
Diameter:		11.93			
Depth From:		0			
Depth To:		2.13			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
 <u>Hole Diameter</u>					
Hole ID:		1007459044			
Diameter:		7.62			
Depth From:		2.13			
Depth To:		4.57			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
62	1 of 1	SW/180.1	94.9 / 0.00	lot 23 con 2 ON	WWIS
Well ID:	1515362			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	6/9/1976
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Northing NAD83: Zone: UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1515362.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10037313			Elevation:	95.542839
DP2BR:	10			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	z			East83:	435329.7
Code OB Desc:	Mixed Layer below top of bedrock			North83:	5003421
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	5/1/1976			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931028958				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	28				
Most Common Material:	SAND				
Mat2:	15				
Mat2 Desc:	LIMESTONE				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	150				
Formation End Depth:	190				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931028956				
Layer:	1				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	10				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation ID:		931028957			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		10			
Formation End Depth:		150			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961515362			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10585883			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930065866			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		27			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930065867			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		190			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991515362			
Pump Set At:					
Static Level:					
Final Level After Pumping:		18			
Recommended Pump Depth:		20			
Pumping Rate:		30			
Flowing Rate:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Recommended Pump Rate: 5					
Levels UOM: ft					
Rate UOM: GPM					
Water State After Test Code: 1					
Water State After Test: CLEAR					
Pumping Test Method: 1					
Pumping Duration HR: 1					
Pumping Duration MIN: 0					
Flowing: Yes					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934100152					
Test Type: Draw Down					
Test Duration: 15					
Test Level: 18					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934376492					
Test Type: Draw Down					
Test Duration: 30					
Test Level: 18					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934646786					
Test Type: Draw Down					
Test Duration: 45					
Test Level: 18					
Test Level UOM: ft					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 934895494					
Test Type: Draw Down					
Test Duration: 60					
Test Level: 18					
Test Level UOM: ft					
<u>Water Details</u>					
Water ID: 933471428					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 188					
Water Found Depth UOM: ft					
63	1 of 4	SSW/180.6	95.9 / 1.00	CHARTERWAYS TRANSPORTATION LTD 3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	EXP
Instance No: 10940116					
Status: EXPIRED					
Instance ID:					
Instance Type:					
Instance Creation Dt: 11/6/1990					
Instance Install Dt: 11/6/1990					
Model: NULL					
Quantity: 1					
Unit of Measure: EA					
Fuel Type2: NULL					
Fuel Type3: NULL					
Piping Steel:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Item: Item Description: Facility Type: Overfill Prot Type: Creation Date: Expired Date: Manufacturer: Source: Description: Serial No: Ulc Standard: Facility Location: FS Liquid Fuel Tank FS LIQUID FUEL TANK NULL 7/5/2009 1:22:24 AM NULL NULL FS Liquid Fuel Tank UNDERGROUND TANK NULL NULL 3855 MCBEAN RICHMOND K0A 2Z0 ON CA Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Panam Related: Panam Venue Nm: NULL NULL					
63	2 of 4	SSW/180.6	95.9 / 1.00	CHARTERWAYS TRANSPORTATION LTD 3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	EXP
Instance No: Status: Instance ID: Instance Type: Instance Creation Dt: Instance Install Dt: Item: Item Description: Facility Type: Overfill Prot Type: Creation Date: Expired Date: Manufacturer: Source: Description: Serial No: Ulc Standard: Facility Location: 10940098 EXPIRED 11/6/1990 11/6/1990 FS Liquid Fuel Tank FS LIQUID FUEL TANK NULL 7/5/2009 1:22:25 AM NULL NULL FS Liquid Fuel Tank UNDERGROUND TANK NULL NULL 3855 MCBEAN RICHMOND K0A 2Z0 ON CA Model: Quantity: Unit of Measure: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tank Single Wall St: Piping Underground: Tank Underground: Panam Related: Panam Venue Nm: NULL 1 EA NULL NULL NULL NULL					
63	3 of 4	SSW/180.6	95.9 / 1.00	CHARTERWAYS TRANSPORTATION LTD 3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	FST
Instance No: Status: Cont Name: Instance Type: Item: Item Description: Tank Type: Install Date: Install Year: Years in Service: Model: Description: Capacity: Tank Material: Corrosion Protect: Overfill Protect: Facility Type: Parent Facility Type: Facility Location: Device Installed Location: 10940098 FS LIQUID FUEL TANK FS Liquid Fuel Tank Liquid Fuel Single Wall UST 11/6/1990 1991 NULL 22700 Fiberglass (FRP) FS Liquid Fuel Tank 3855 MCBEAN RICHMOND K0A 2Z0 ON CA Manufacturer: Serial No: Ulc Standard: Quantity: Unit of Measure: Fuel Type: Fuel Type2: Fuel Type3: Piping Steel: Piping Galvanized: Tanks Single Wall St: Piping Underground: Num Underground: Panam Related: Panam Venue: Diesel NULL NULL					

Model:

Quantity:

Unit of Measure:

Fuel Type2:

Fuel Type3:

Piping Steel:

Piping Galvanized:

Tank Single Wall St:

Piping Underground:

Tank Underground:

Panam Related:

Panam Venue Nm:

NULL

1

EA

NULL

NULL

NULL

NULL

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Fuel Storage Tank Details</u>					
Owner Account Name:		CHARTERWAYS TRANSPORTATION LTD			
63	4 of 4	SSW/180.6	95.9 / 1.00	CHARTERWAYS TRANSPORTATION LTD 3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	FST
Instance No:		10940116		Manufacturer:	
Status:				Serial No:	
Cont Name:				Ulc Standard:	
Instance Type:				Quantity:	
Item:		FS LIQUID FUEL TANK		Unit of Measure:	
Item Description:		FS Liquid Fuel Tank		Fuel Type:	Diesel
Tank Type:		Liquid Fuel Single Wall UST		Fuel Type2:	NULL
Install Date:		11/6/1990		Fuel Type3:	NULL
Install Year:		1991		Piping Steel:	
Years in Service:				Piping Galvanized:	
Model:		NULL		Tanks Single Wall St:	
Description:				Piping Underground:	
Capacity:		13600		Num Underground:	
Tank Material:		Fiberglass (FRP)		Panam Related:	
Corrosion Protect:				Panam Venue:	
Overfill Protect:					
Facility Type:		FS Liquid Fuel Tank			
Parent Facility Type:					
Facility Location:					
Device Installed Location:		3855 MCBEAN RICHMOND K0A 2Z0 ON CA			
<u>Fuel Storage Tank Details</u>					
Owner Account Name:		CHARTERWAYS TRANSPORTATION LTD			
64	1 of 1	SSW/180.8	95.9 / 1.00	ON	WWIS
Well ID:		1502400		Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:		Domestic		Date Received:	12/7/1962
Sec. Water Use:		0		Selected Flag:	Yes
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	3503
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502400.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		10024443		Elevation:	98.988815
DP2BR:		14		Elevrc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Spatial Status:				Zone:	18
Code OB:	r			East83:	435550.7
Code OB Desc:	Bedrock			North83:	5003162
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	11/14/1962			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930994430			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		14			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		930994431			
Layer:		2			
Color:					
General Color:					
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		14			
Formation End Depth:		75			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961502400			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10573013			
Casing No:		1			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930041655			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		15			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930041656			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		75			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991502400			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:		10			
Recommended Pump Depth:		58			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933455183			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		65			
Water Found Depth UOM:		ft			

<u>65</u>	1 of 1	W/184.3	94.9 / 0.00	ON	WWIS
Well ID:	1509139			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	4/3/1956
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3601

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509139.pdf			

Bore Hole Information

Bore Hole ID:	10031172	Elevation:	96.210174
DP2BR:	26	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435130.7
Code OB Desc:	Bedrock	North83:	5004002
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	3/26/1956	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	p9
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931011542
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	26
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931011543
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		26			
Formation End Depth:		51			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961509139			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579742			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930054993			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		51			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930054992			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		28			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991509139			
Pump Set At:					
Static Level:		5			
Final Level After Pumping:		8			
Recommended Pump Depth:					
Pumping Rate:		3			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing:		No			
<u>Water Details</u>					
Water ID:	933463940				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	51				
Water Found Depth UOM:	ft				
66	1 of 1	WNW/186.6	94.9 / 0.00	ON	WWIS
Well ID:	1509257			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	6/1/1962
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1503
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509257.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10031290			Elevation:	95.262916
DP2BR:	23			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	435345.7
Code OB Desc:	Bedrock			North83:	5004202
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	3/29/1962			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931011783				
Layer:	1				
Color:					
General Color:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		09			
Mat2 Desc:		MEDIUM SAND			
Mat3:		11			
Mat3 Desc:		GRAVEL			
Formation Top Depth:		0			
Formation End Depth:		23			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931011784			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		23			
Formation End Depth:		80			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961509257			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579860			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930055232			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		80			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930055231			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		28			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991509257			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:		17			
Recommended Pump Depth:		50			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		10			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933464068			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		76			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933464067			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		70			
Water Found Depth UOM:		ft			
<u>Water Details</u>					
Water ID:		933464066			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			
67	1 of 1	SSW/187.9	96.2 / 1.33	ON	WWIS
Well ID:		1502401		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Commerical		Date Received:	
Sec. Water Use:		0		Selected Flag:	
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	
Casing Material:				Form Version:	
Audit No:				Owner:	
Tag:				Street Name:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				County: Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	OTTAWA RICHMOND VILLAGE
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502401.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:	10024444 0 r Bedrock 6/11/1964 <				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930041657			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		18			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930041658			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		47			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991502401			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		20			
Recommended Pump Depth:		35			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		7			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933455184			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		45			
Water Found Depth UOM:		ft			

68	1 of 1	WNW/191.5	94.9 / 0.00	ON	WWIS
Well ID:	1516664			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/8/1978
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1516664.pdf

Bore Hole Information

Bore Hole ID:	10038569	Elevation:	95.5335
DP2BR:	29	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435250.7
Code OB Desc:	Bedrock	North83:	5004182
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	8/15/1978	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931032830
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15
Formation End Depth:	29
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931032829
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	28

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:		SAND			
Mat3:		13			
Mat3 Desc:		BOULDERS			
Formation Top Depth:		0			
Formation End Depth:		15			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931032831			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		71			
Mat2 Desc:		FRACTURED			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		29			
Formation End Depth:		35			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961516664			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10587139			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930067751			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		29			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930067752			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		35			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991516664			
Pump Set At:					
Static Level:		10			
Final Level After Pumping:		25			
Recommended Pump Depth:		25			
Pumping Rate:		25			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381418			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934899994			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934642510			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934102256			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		25			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933473013			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		30			
Water Found Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
69	1 of 1	W/194.0	94.9 / 0.00	ON	WWIS
Well ID: 1509116 Construction Date: Primary Water Use: Domestic Sec. Water Use: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: Data Entry Status: Data Src: 1 Date Received: 4/17/1953 Selected Flag: Yes Abandonment Rec: Contractor: 5205 Form Version: 1 Owner: Street Name: County: OTTAWA Municipality: RICHMOND VILLAGE Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:					
PDF URL (Map):					
<u>Bore Hole Information</u>					
Bore Hole ID: 10031150 DP2BR: 26 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 10/9/1952 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: Elevation: 96.023872 Elevrc: Zone: 18 East83: 435110.7 North83: 5003982 Org CS: UTMRC: 5 UTMRC Desc: margin of error : 100 m - 300 m Location Method: p5					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 931011491 Layer: 1 Color: General Color: Mat1: 05 Most Common Material: CLAY Mat2: 13 Mat2 Desc: BOULDERS Mat3: Mat3 Desc: Formation Top Depth: 0 Formation End Depth: 26 Formation End Depth UOM: ft					
<u>Overburden and Bedrock</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Materials Interval</u>					
Formation ID:		931011492			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		26			
Formation End Depth:		124			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961509116			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579720			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930054946			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		27			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930054947			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		124			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991509116			
Pump Set At:					
Static Level:		9			
Final Level After Pumping:		20			
Recommended Pump Depth:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933463918			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		115			
Water Found Depth UOM:		ft			

70	1 of 1	W/194.3	94.9 / 0.00	ON	WWIS
Well ID:	1510301			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	11/10/1969
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3644
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1510301.pdf				

Bore Hole Information

Bore Hole ID:	10032329	Elevation:	95.976242
DP2BR:	21	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435105.7
Code OB Desc:	Bedrock	North83:	5003972
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	10/14/1969	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931014487			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		21			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931014488			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		21			
Formation End Depth:		71			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961510301			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10580899			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930057255			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		71			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		930057254			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		24			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991510301			
Pump Set At:					
Static Level:		9			
Final Level After Pumping:		30			
Recommended Pump Depth:		65			
Pumping Rate:		4			
Flowing Rate:					
Recommended Pump Rate:		4			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933465271			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		70			
Water Found Depth UOM:		ft			
<u>71</u>	1 of 1	WNW/197.5	94.9 / 0.00	ON	BORE
Borehole ID:	610318			Inclin FLG:	No
OGF ID:	215511833			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:	Geotechnical/Geological Investigation			Primary Name:	
Completion Date:	SEP-1971			Municipality:	
Static Water Level:				Lot:	
Primary Water Use:	Not Used			Township:	
Sec. Water Use:				Latitude DD:	45.188331
Total Depth m:	4.9			Longitude DD:	-75.823855
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	435281
Drill Method:	Power auger			Northing:	5004202
Orig Ground Elev m:	95.2			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	95.8				
Concession:					
Location D:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Survey D: Comments:					
Borehole Geology Stratum					
Geology Stratum ID:	218385255			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	.3			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:				Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Gravel			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	ARTIFICIAL,SAND, GRAVEL. BROWN.				
Geology Stratum ID:	218385256			Mat Consistency:	
Top Depth:	.3			Material Moisture:	
Bottom Depth:	1.1			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Clay			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILT,SAND,CLAY. BROWN.				
Geology Stratum ID:	218385257			Mat Consistency:	Dense
Top Depth:	1.1			Material Moisture:	
Bottom Depth:	4.9			Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Silt			Geologic Formation:	
Material 2:	Sand			Geologic Group:	
Material 3:	Till			Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	SILT,SAND,TILL. BROWN,GREY, DENSE TO VERY DENSE. 00035046ERED. SILT,SAND,TILL. BROWN. 00008 **Note: Many records provided by the department have a truncated [Stratum Description] field.				
Source					
Source Type:	Data Survey			Source Appl:	Spatial/Tabular
Source Orig:	Geological Survey of Canada			Source Iden:	1
Source Date:	1956-1972			Scale or Res:	Varies
Confidence:	H			Horizontal:	NAD27
Observatio:				Verticalda:	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Details:	File: OTTAWA1.txt RecordID: 028260 NTS_Sheet: 31G04				
Confiden 1:	Logged by professional. Exact and complete description of material and properties.				
Source List					
Source Identifier:	1			Horizontal Datum:	NAD27
Source Type:	Data Survey			Vertical Datum:	Mean Average Sea Level
Source Date:	1956-1972			Projection Name:	Universal Transverse Mercator
Scale or Resolution:	Varies				
Source Name:	Urban Geology Automated Information System (UGAIS)				
Source Originators:	Geological Survey of Canada				
72	1 of 1	WNW/206.2	94.9 / 0.00	lot 24 con 3 ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	1517199			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	1/15/1980
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3504
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	024
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1517199.pdf

Bore Hole Information

Bore Hole ID:	10039076	Elevation:	95.116218
DP2BR:	23	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435329.7
Code OB Desc:	Bedrock	North83:	5004221
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	10/18/1979	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931034409
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	23
Formation End Depth:	50
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931034408
Layer:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		11			
Mat3 Desc:		GRAVEL			
Formation Top Depth:		0			
Formation End Depth:		23			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961517199			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10587646			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930068466			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		25			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991517199			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:		45			
Recommended Pump Depth:		35			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		30			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934644227			
Test Type:		Recovery			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		45			
Test Level:		8			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934383145			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		8			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934893920			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		8			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933473625			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		43			
Water Found Depth UOM:		ft			

73	1 of 1	W/209.7	94.9 / 0.00	ON	WWIS
Well ID:	1516543			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	7/12/1978
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3644
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1516543.pdf				

Bore Hole Information

Bore Hole ID:	10038454	Elevation:	96.582046
DP2BR:	28	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435130.7
Code OB Desc:	Bedrock	North83:	5004062

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	3/28/1978			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931032462			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		28			
Formation End Depth:		105			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931032461			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		28			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961516543			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10587024			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930067579			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		30			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991516543			
Pump Set At:					
Static Level:		6			
Final Level After Pumping:		50			
Recommended Pump Depth:		60			
Pumping Rate:		6			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934380891			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934899884			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934101177			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934641982			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		50			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933472868			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		105			
Water Found Depth UOM:		ft			
74	1 of 1	WNW/218.5	94.9 / 0.00	ON	WWIS
Well ID:	1509128			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	8/18/1954
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1802
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509128.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10031162			Elevation:	95.223197
DP2BR:	12			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	435290.7
Code OB Desc:	Bedrock			North83:	5004227
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	6/8/1954			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931011521				
Layer:	3				
Color:	3				
General Color:	BLUE				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		12			
Formation End Depth:		190			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931011520			
Layer:		2			
Color:					
General Color:					
Mat1:		13			
Most Common Material:		BOULDERS			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		7			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931011519			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		7			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		961509128			
Method Construction Code:		7			
Method Construction:		Diamond			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10579732			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930054973			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:		190			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930054972			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		17			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991509128			
Pump Set At:					
Static Level:		3			
Final Level After Pumping:		15			
Recommended Pump Depth:					
Pumping Rate:		4			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		2			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933463930			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		185			
Water Found Depth UOM:		ft			

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Well ID: 1516764					
Construction Date:			Data Entry Status:		
Primary Water Use: Domestic			Data Src: 1		
Sec. Water Use: 0			Date Received: 11/27/1978		
Final Well Status: Water Supply			Selected Flag: Yes		
Water Type:			Abandonment Rec:		
Casing Material:			Contractor: 3644		
Audit No:			Form Version: 1		
Tag:			Owner:		
Construction Method:			Street Name:		
Elevation (m):			County: OTTAWA		
Elevation Reliability:			Municipality: RICHMOND VILLAGE		
Depth to Bedrock:			Site Info:		
			Lot:		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:			Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1516764.pdf			
Bore Hole Information					
Bore Hole ID:		10038660	Elevation:		95.968727
DP2BR:		28	Elevrc:		
Spatial Status:			Zone:		18
Code OB:		r	East83:		435230.7
Code OB Desc:		Bedrock	North83:		5004202
Open Hole:			Org CS:		
Cluster Kind:			UTMRC:		4
Date Completed:		8/4/1978	UTMRC Desc:		margin of error : 30 m - 100 m
Remarks:			Location Method:		p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
Overburden and Bedrock					
Materials Interval					
Formation ID:		931033107			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		14			
Mat2 Desc:		HARDPAN			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		28			
Formation End Depth UOM:		ft			
Overburden and Bedrock					
Materials Interval					
Formation ID:		931033108			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		28			
Formation End Depth:		64			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961516764			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10587230			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930067901			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		31			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991516764			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		25			
Recommended Pump Depth:		30			
Pumping Rate:		15			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934102334			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934900487			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		25			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934381496			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		25			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934642586			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		25			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933473121			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			
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Well ID:	1509123			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	2/3/1954
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	4824
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509123.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10031157			Elevation:	95.876747
DP2BR:	30			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	435055.7
Code OB Desc:	Bedrock			North83:	5003932
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	12/3/1953			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931011507			
Layer:		1			
Color:		3			
General Color:		BLUE			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		30			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931011508			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		30			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961509123			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579727			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930054962			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:		60			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930054961			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		30			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991509123			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:		12			
Recommended Pump Depth:					
Pumping Rate:		2			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		0			
Pumping Duration MIN:		20			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933463925			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		45			
Water Found Depth UOM:		ft			

<u>77</u>	1 of 1	SSW/223.8	95.8 / 0.97	ON	BORE
Borehole ID:					
610280				Inclin FLG:	No
OGF ID:		215511796		SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:		Borehole		Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.178543
Total Depth m:		-999		Longitude DD:	-75.820277
Depth Ref:		Ground Surface		UTM Zone:	18
Depth Elev:				Easting:	435551
Drill Method:				Northing:	5003112

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Orig Ground Elev m: 97.5 Elev Reliabil Note: DEM Ground Elev m: 99 Concession: Location D: Survey D: Comments: Location Accuracy: Accuracy: Not Applicable					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: 218385167 Top Depth: 0 Bottom Depth: Material Color: Brown Material 1: Bedrock Material 2: Limestone Material 3: Material 4: Gsc Material Description: Stratum Description: Mat Consistency: Material Moisture: Material Texture: Non Geo Mat Type: Geologic Formation: Geologic Group: Geologic Period: Depositional Gen: BEDROCK,LIMESTONE. STONE. GREY. 0010000060. GREY. 00064STONE. TILL. BROWN,DENS **Note: Many records provided by the department have a truncated [Stratum Description] field.					
<u>Source</u>					
Source Type: Data Survey Source Orig: Geological Survey of Canada Source Date: 1956-1972 Confidence: M Observatio: Source Name: Urban Geology Automated Information System (UGAIS) Source Details: File: OTTAWA1.txt RecordID: 027880 NTS_Sheet: 31G04F Confiden 1: Reliable information but incomplete. Source Appl: Spatial/Tabular Source Iden: 1 Scale or Res: Varies Horizontal: NAD27 Verticalda: Mean Average Sea Level					
<u>Source List</u>					
Source Identifier: 1 Source Type: Data Survey Source Date: 1956-1972 Scale or Resolution: Varies Source Name: Urban Geology Automated Information System (UGAIS) Source Originators: Geological Survey of Canada Horizontal Datum: NAD27 Vertical Datum: Mean Average Sea Level Projection Name: Universal Transverse Mercator					
78	1 of 1	SW/225.1	94.9 / 0.00	lot 24 con 2 ON	WWIS
Well ID: 1510022 Construction Date: Primary Water Use: Domestic Sec. Water Use: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Data Entry Status: Data Src: 1 Date Received: 4/24/1969 Selected Flag: Yes Abandonment Rec: Contractor: 4216 Form Version: 1 Owner: Street Name: County: OTTAWA Municipality: RICHMOND VILLAGE (GOULBOURN) Site Info: Lot: 024 Concession: 02 Concession Name: CON Easting NAD83: Northing NAD83:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1510022.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10032053		Elevation:	94.423782	
DP2BR:	4		Elevrc:		
Spatial Status:			Zone:	18	
Code OB:	r		East83:	435270.7	
Code OB Desc:	Bedrock		North83:	5003422	
Open Hole:			Org CS:		
Cluster Kind:			UTMRC:	5	
Date Completed:	4/10/1969		UTMRC Desc:	margin of error : 100 m - 300 m	
Remarks:			Location Method:	p5	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931013681				
Layer:	4				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	14				
Formation End Depth:	57				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931013678				
Layer:	1				
Color:					
General Color:					
Mat1:	28				
Most Common Material:	SAND				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	2				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931013679				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Color:					
General Color:					
Mat1:		28			
Most Common Material:		SAND			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		2			
Formation End Depth:		4			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931013680			
Layer:		3			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		4			
Formation End Depth:		14			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961510022			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10580623			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		930056725			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		18			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930056726			
Layer:		2			
Material:		4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		57			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991510022			
Pump Set At:					
Static Level:		1			
Final Level After Pumping:		5			
Recommended Pump Depth:		25			
Pumping Rate:		20			
Flowing Rate:					
Recommended Pump Rate:		20			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933464955			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		50			
Water Found Depth UOM:		ft			

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1 of 1

WNW/231.7

94.9 / 0.00

ON

WWIS

Well ID:

1510624

Construction Date:

Primary Water Use:

Domestic

Sec. Water Use:

0

Final Well Status:

Water Supply

Water Type:

Casing Material:

Audit No:

Tag:

Construction Method:

Elevation (m):

Elevation Reliability:

Depth to Bedrock:

Well Depth:

Overburden/Bedrock:

Pump Rate:

Static Water Level:

Flowing (Y/N):

Flow Rate:

Clear/Cloudy:

Data Entry Status:

Data Src:

1

Date Received:

7/3/1970

Selected Flag:

Yes

Abandonment Rec:

Contractor:

3644

Form Version:

1

Owner:

Street Name:

County:

OTTAWA

Municipality:

RICHMOND VILLAGE

Site Info:

Lot:

Concession:

Concession Name:

Easting NAD83:

Northing NAD83:

Zone:

UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1510624.pdf

Bore Hole Information

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Bore Hole ID:	10032650			Elevation:	96.297805
DP2BR:	20			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	435165.7
Code OB Desc:	Bedrock			North83:	5004162
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	5/16/1970			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931015396				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	20				
Formation End Depth:	52				
Formation End Depth UOM:	ft				
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931015395				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	12				
Mat2 Desc:	STONES				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	20				
Formation End Depth UOM:	ft				
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961510624				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:	10581220				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No: Comment: Alt Name:		1			
<u>Construction Record - Casing</u>					
Casing ID:		930057875			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		52			
Casing Diameter:					
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930057874			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		23			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991510624			
Pump Set At:					
Static Level:		6			
Final Level After Pumping:		20			
Recommended Pump Depth:		25			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:					
Water State After Test:					
Pumping Test Method:		2			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934898609			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		20			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934641128			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		20			
Test Level UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934097233			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		20			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934379551			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		20			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		933465653			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		52			
Water Found Depth UOM:		ft			
80	1 of 1	WSW/233.1	94.9 / 0.00	(NO CIVIC) MCBEAN ST. lot 3 con 3 RICHMOND ON	WWIS
Well ID:	7115343			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	11/21/2008
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1119
Casing Material:				Form Version:	7
Audit No:	Z90182			Owner:	
Tag:	A079320			Street Name:	(NO CIVIC) MCBEAN ST.
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	003
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/711\7115343.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	1001886501			Elevation:	93.968498
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	435160
Code OB Desc:				North83:	5003544
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	10/14/2008			UTMRC Desc:	margin of error : 10 - 30 m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Remarks:			Location Method: WWR		
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001974080			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:		81			
Mat3 Desc:		SANDY			
Formation Top Depth:		0			
Formation End Depth:		4.88			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1001974081			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		4.88			
Formation End Depth:		24.38			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1001974083			
Layer:		1			
Plug From:		7.01			
Plug To:		3.66			
Plug Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1001974084			
Layer:		2			
Plug From:		3.66			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID: 1001974118					
Method Construction Code: 5					
Method Construction: Air Percussion					
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID: 1001974078					
Casing No: 0					
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID: 1001974088					
Layer: 1					
Material: 1					
Open Hole or Material: STEEL					
Depth From: -.6					
Depth To: 7.01					
Casing Diameter: 15.88					
Casing Diameter UOM: cm					
Casing Depth UOM: m					
<u>Construction Record - Casing</u>					
Casing ID: 1001974089					
Layer: 2					
Material: 4					
Open Hole or Material: OPEN HOLE					
Depth From: 7.01					
Depth To: 24.38					
Casing Diameter: 15.29					
Casing Diameter UOM: cm					
Casing Depth UOM: m					
<u>Construction Record - Screen</u>					
Screen ID: 1001974090					
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM: m					
Screen Diameter UOM: cm					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID: 1001974079					
Pump Set At: 18.29					
Static Level: 2.74					
Final Level After Pumping: 2.96					
Recommended Pump Depth: 18.29					
Pumping Rate: 91					
Flowing Rate:					
Recommended Pump Rate: 91					
Levels UOM: m					
Rate UOM: LPM					
Water State After Test Code: 0					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State After Test:					
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974104			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		2.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974092			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		2.88			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974110			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		2.74			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974091			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		2.83			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974093			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		2.83			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974102			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		2.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974112			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		2.74			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974101			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		2.96			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974103			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		2.96			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974098			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		2.84			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974105			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		2.96			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974108			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		2.74			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974094			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		2.86			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974099			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		2.88			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1001974107			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		2.96			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974116			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		2.74			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974097			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		2.87			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974095			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		2.86			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974100			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		2.83			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974096			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		2.86			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974106			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		2.77			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974111			
Test Type:		Draw Down			
Test Duration:		40			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		2.96			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974115			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		2.96			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974109			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		2.96			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974113			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		2.96			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001974114			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		2.74			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1001974085			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		9.75			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		1001974087			
Layer:		3			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		13.72			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		1001974086			
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		11.58			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1001974082			
Diameter:		15.29			
Depth From:		0			
Depth To:		24.38			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

<u>81</u>	1 of 1	WNW/235.7	94.9 / 0.00	ON	BORE
Borehole ID:	610319			Inclin FLG:	No
OGF ID:	215511834			SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:	Borehole			Piezometer:	No
Use:				Primary Name:	
Completion Date:				Municipality:	
Static Water Level:	3.4			Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.188877
Total Depth m:	-999			Longitude DD:	-75.822972
Depth Ref:	Ground Surface			UTM Zone:	18
Depth Elev:				Easting:	435351
Drill Method:				Northing:	5004262
Orig Ground Elev m:	93			Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:	95.1				
Concession:					
Location D:					
Survey D:					
Comments:					

Borehole Geology Stratum

Geology Stratum ID:	218385258			Mat Consistency:	
Top Depth:	0			Material Moisture:	
Bottom Depth:	5.8			Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:	Till			Geologic Formation:	
Material 2:				Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	TILL.				
Geology Stratum ID:	218385259			Mat Consistency:	Dense
Top Depth:	5.8			Material Moisture:	
Bottom Depth:				Material Texture:	
Material Color:	Brown			Non Geo Mat Type:	
Material 1:	Bedrock			Geologic Formation:	
Material 2:	Limestone			Geologic Group:	
Material 3:				Geologic Period:	
Material 4:				Depositional Gen:	
Gsc Material Description:					
Stratum Description:	BEDROCK,LIMESTONE. WATER STABLE AT 294.0 FEET.SILT,SAND,TILL. BROWN,GREY, DENSE TO VERY DENSE.				

Source

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931013762			
Layer:		2			
Color:					
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		35			
Formation End Depth:		69			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931013761			
Layer:		1			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:		11			
Mat2 Desc:		GRAVEL			
Mat3:		13			
Mat3 Desc:		BOULDERS			
Formation Top Depth:		0			
Formation End Depth:		35			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961510052			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10580653			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930056785			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		69			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID: 930056784					
Layer: 1					
Material: 1					
Open Hole or Material: STEEL					
Depth From:					
Depth To: 38					
Casing Diameter: 5					
Casing Diameter UOM: inch					
Casing Depth UOM: ft					
Results of Well Yield Testing					
Pump Test ID: 991510052					
Pump Set At:					
Static Level: 11					
Final Level After Pumping: 13					
Recommended Pump Depth: 50					
Pumping Rate: 10					
Flowing Rate:					
Recommended Pump Rate: 5					
Levels UOM: ft					
Rate UOM: GPM					
Water State After Test Code: 2					
Water State After Test: CLOUDY					
Pumping Test Method: 1					
Pumping Duration HR: 1					
Pumping Duration MIN: 0					
Flowing: No					
Water Details					
Water ID: 933464987					
Layer: 1					
Kind Code: 1					
Kind: FRESH					
Water Found Depth: 67					
Water Found Depth UOM: ft					

83	1 of 1	W/239.3	94.9 / 0.00	ON	WWIS
Well ID: 1502396					
Construction Date:					
Primary Water Use: Domestic					
Sec. Water Use: 0					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No:					
Tag:					
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Flowing (Y/N):					
Flow Rate:					
Clear/Cloudy:					
Data Entry Status:					
Data Src: 1					
Date Received: 12/21/1949					
Selected Flag: Yes					
Abandonment Rec:					
Contractor: 4824					
Form Version: 1					
Owner:					
Street Name:					
County: OTTAWA					
Municipality: RICHMOND VILLAGE					
Site Info:					
Lot:					
Concession:					
Concession Name:					
Easting NAD83:					
Northing NAD83:					
Zone:					
UTM Reliability:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1502396.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10024439			Elevation:	95.952415
DP2BR:	25			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	435005.7
Code OB Desc:	Bedrock			North83:	5003787
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	7/3/1948			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930994423				
Layer:	2				
Color:					
General Color:					
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	25				
Formation End Depth:	60				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	930994422				
Layer:	1				
Color:					
General Color:					
Mat1:	11				
Most Common Material:	GRAVEL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	25				
Formation End Depth UOM:	ft				
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:	961502396				
Method Construction Code:	1				
Method Construction:	Cable Tool				
Other Method Construction:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Information</u>					
Pipe ID:		10573009			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930041647			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		25			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930041648			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		60			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991502396			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:		4			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933455179			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			
84	1 of 1	SW/241.7	94.9 / 0.00	ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	1515051			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/16/1975
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1515051.pdf

Bore Hole Information

Bore Hole ID:	10037014	Elevation:	96.112121
DP2BR:	10	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435348.7
Code OB Desc:	Bedrock	North83:	5003301
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	10/8/1975	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931028066
Layer:	3
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	15
Mat2 Desc:	LIMESTONE
Mat3:	74
Mat3 Desc:	LAYERED
Formation Top Depth:	150
Formation End Depth:	175
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931028064
Layer:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		81			
Mat2 Desc:		SANDY			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		10			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931028067			
Layer:		4			
Color:		1			
General Color:		WHITE			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		175			
Formation End Depth:		190			
Formation End Depth UOM:		ft			
 <u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931028065			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		10			
Formation End Depth:		150			
Formation End Depth UOM:		ft			
 <u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961515051			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		10585584			
Casing No:		1			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930065435			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		25			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930065436			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		190			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991515051			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		100			
Recommended Pump Depth:		125			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934894386			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		100			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934645680			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		100			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934100847			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		15			
Test Level:		100			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934384698			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		100			
Test Level UOM:		ft			
 <u>Water Details</u>					
Water ID:		933471055			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		90			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		933471056			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		120			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		933471057			
Layer:		3			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		188			
Water Found Depth UOM:		ft			
85	1 of 1	NW/244.6	93.8 / -1.03	CHANONHOUSE DR. LOT 27 lot 25 con 3 RICHMOND ON	WWIS
Well ID:	7123245			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	5/20/2009
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z095325			Owner:	
Tag:	A068297			Street Name:	CHANONHOUSE DR. LOT 27
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7123245.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	1002427398			Elevation:	94.269363
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	435407
Code OB Desc:				North83:	5004510
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	4
Date Completed:	3/24/2009			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	1002573468				
Layer:	1				
Color:	6				
General Color:	BROWN				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	12				
Mat2 Desc:	STONES				
Mat3:	79				
Mat3 Desc:	PACKED				
Formation Top Depth:	0				
Formation End Depth:	3.65				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	1002573470				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:	78				
Mat3 Desc:	MEDIUM-GRAINED				
Formation Top Depth:	5.48				
Formation End Depth:	45.1				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	1002573469				
Layer:	2				
Color:	2				
General Color:	GREY				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		3.65			
Formation End Depth:		5.48			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002573473			
Layer:		1			
Plug From:		0			
Plug To:		8.53			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002573496			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1002573466			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002573475			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-.45			
Depth To:		8.53			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1002573476			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1002573467			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Set At:		22.85			
Static Level:		3.22			
Final Level After Pumping:		7.73			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573485			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		6.82			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573479			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		5.55			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573486			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		3.27			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573489			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		7.66			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573481			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		6.15			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573491			
Test Type:		Draw Down			
Test Duration:		30			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		7.67			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573494			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		7.73			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573483			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		6.53			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573488			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		7.63			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573493			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		7.72			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573482			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		3.47			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573478			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		5.09			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573480			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		3.92			
Test Level UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573492			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		7.72			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573484			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		3.32			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573490			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		7.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573477			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		4.72			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573487			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		7.47			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1002573474			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		43.58			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1002573472			
Diameter:		15.23			
Depth From:		8.53			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole ID:		1002573471			
Diameter:		15.86			
Depth From:		0			
Depth To:		8.53			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

86	1 of 1	WNW/246.0	94.9 / 0.00	108 KING STREET RICHMOND ON	WWIS
Well ID:	7050800			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	10/15/2007
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1119
Casing Material:				Form Version:	4
Audit No:	Z60179			Owner:	
Tag:	A043482			Street Name:	108 KING STREET
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/705\7050800.pdf				

Bore Hole Information

Bore Hole ID:	23050800	Elevation:	96.110557
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	435268
Code OB Desc:		North83:	5004249
Open Hole:	Yes	Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	8/20/2007	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	www
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1000013834
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	81

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:		SANDY			
Formation Top Depth:		0			
Formation End Depth:		6.1			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1000013835			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		6.1			
Formation End Depth:		24.99			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1000013837			
Layer:		1			
Plug From:		7.77			
Plug To:		0			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1000013859			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
 <u>Pipe Information</u>					
Pipe ID:		1000013832			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1000013841			
Layer:					
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		8.38			
Casing Diameter:		.1588			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		1000013842			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer: Slot: Screen Top Depth: Screen End Depth: Screen Material: Screen Depth UOM: Screen Diameter UOM: Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1000013833			
Pump Set At:		18.29			
Static Level:		4.87			
Final Level After Pumping:		5.84			
Recommended Pump Depth:		18.29			
Pumping Rate:		56.78			
Flowing Rate:					
Recommended Pump Rate:		56.73			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		0			
Water State After Test:					
Pumping Test Method:		4			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1000013849			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		5.71			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1000013851			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		5.79			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1000013854			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		5.82			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1000013846			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		4.87			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1000013848			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		5.69			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1000013853			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		5.82			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1000013844			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		4.94			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1000013850			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		5.76			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1000013857			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		5.84			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1000013855			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		5.83			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1000013845			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		5.63			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1000013856			
Test Type:		Draw Down			
Test Duration:		50			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		5.83			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1000013843			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		5.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1000013852			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		5.82			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1000013847			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		5.66			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1000013838			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		15.54			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		1000013840			
Layer:		3			
Kind Code:					
Kind:					
Water Found Depth:		22.86			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		1000013839			
Layer:		2			
Kind Code:					
Kind:					
Water Found Depth:		19.2			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1000013836			
Diameter:		14.91			
Depth From:					
Depth To:		24.99			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

87	1 of 1	SW/247.0	95.9 / 1.00	lot 23 con 2 ON	WWIS

Well ID:	1532396	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	11/27/2001
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1558
Casing Material:		Form Version:	1
Audit No:	230286	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	023
Well Depth:		Concession:	02
Overburden/Bedrock:		Concession Name:	CON
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1532396.pdf

Bore Hole Information

Bore Hole ID:	10516846	Elevation:	97.190383
DP2BR:	0	Elevrc:	
Spatial Status:	Improved	Zone:	18
Code OB:	h	East83:	435415
Code OB Desc:	Mixed in a Layer	North83:	5003212
Open Hole:		Org CS:	N83
Cluster Kind:		UTMRC:	3
Date Completed:	10/12/2001	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:	1999-2004 MOE Water Well Data Improvement Project		
Improvement Location Method:	GIS		
Source Revision Comment:	Northing and/or Easting field has been changed. Reasonably sure well location matches sketch map (similar features).approx using road names		
Supplier Comment:	Determined to be an improvement rather than a Lot Centroid in December 2009.		

Overburden and Bedrock Materials Interval

Formation ID:	932832717
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	71
Mat2 Desc:	FRACTURED
Mat3:	26
Mat3 Desc:	ROCK
Formation Top Depth:	0
Formation End Depth:	5

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932832718			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		73			
Mat2 Desc:		HARD			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5			
Formation End Depth:		100			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933219838			
Layer:		1			
Plug From:		0			
Plug To:		22			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961532396			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11065416			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930094736			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		21			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930094735			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991532396			
Pump Set At:					
Static Level:		17			
Final Level After Pumping:		40			
Recommended Pump Depth:		60			
Pumping Rate:		12			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934660924			
Test Type:					
Test Duration:		45			
Test Level:		50			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934400957			
Test Type:					
Test Duration:		30			
Test Level:		75			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934116788			
Test Type:					
Test Duration:		15			
Test Level:		95			
Test Level UOM:		ft			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934918365			
Test Type:					
Test Duration:		60			
Test Level:		40			
Test Level UOM:		ft			
<u>Water Details</u>					
Water ID:		934008580			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		27			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		934008581			
Layer:		2			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		92			
Water Found Depth UOM:		ft			
88	1 of 1	W/252.3	94.9 / 0.00	lot 23 con 3 ON	WWIS
Well ID:	1533079			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/16/2002
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:	250384			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1533079.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	10529826			Elevation:	96.028099
DP2BR:	26			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	435029.2
Code OB Desc:	Bedrock			North83:	5003945
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	8/21/2002			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	gis
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	932880079				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		12			
Formation End Depth:		26			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932880081			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		180			
Formation End Depth:		240			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932880080			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		26			
Formation End Depth:		180			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		932880078			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		12			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933230152			
Layer:		1			
Plug From:		0			
Plug To:		29			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961533079			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11078396			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930096181			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930096180			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991533079			
Pump Set At:					
Static Level:		14			
Final Level After Pumping:		75			
Recommended Pump Depth:		100			
Pumping Rate:		20			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water State After Test Code:	2				
Water State After Test:	CLOUDY				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934911857				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	225				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934393893				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	100				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934119043				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	75				
Test Level UOM:	ft				
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934663177				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	150				
Test Level UOM:	ft				
 <u>Water Details</u>					
Water ID:	934022441				
Layer:	1				
Kind Code:	5				
Kind:	Not stated				
Water Found Depth:	236				
Water Found Depth UOM:	ft				
89	1 of 1	NW/252.6	93.6 / -1.31	RICHMOND FOREST LOT 30 lot 25 con 3 RICHMOND ON	WWIS
Well ID:	7121463			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	4/6/2009
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z095337			Owner:	
Tag:	A068287			Street Name:	RICHMOND FOREST LOT 30
Construction Method:				County:	OTTAWA

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:				Municipality: Site Info: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	GOULBOURN TOWNSHIP 025 03 CON 712\7121463.pdf
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7121463.pdf			

Bore Hole Information

Bore Hole ID:	1002038794	Elevation:	94.102737
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	435437
Code OB Desc:		North83:	5004548
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	3/5/2009	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	www
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1002521254
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	4.26
Formation End Depth:	8.83
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1002521255
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	78
Mat3 Desc:	MEDIUM-GRAINED
Formation Top Depth:	8.83
Formation End Depth:	45.1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1002521253			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		81			
Mat2 Desc:		SANDY			
Mat3:		12			
Mat3 Desc:		STONES			
Formation Top Depth:		0			
Formation End Depth:		4.26			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002521258			
Layer:		1			
Plug From:		8.83			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002521280			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:		ROTARY AIR			
<u>Pipe Information</u>					
Pipe ID:		1002521251			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002521260			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-.45			
Depth To:		8.83			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1002521261			
Layer:					
Slot:					
Screen Top Depth:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
Results of Well Yield Testing					
Pump Test ID:		1002521252			
Pump Set At:		30.47			
Static Level:		3.99			
Final Level After Pumping:		5.14			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
Draw Down & Recovery					
Pump Test Detail ID:		1002521262			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		4.74			
Test Level UOM:		m			
Draw Down & Recovery					
Pump Test Detail ID:		1002521263			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		4.27			
Test Level UOM:		m			
Draw Down & Recovery					
Pump Test Detail ID:		1002521266			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		4.94			
Test Level UOM:		m			
Draw Down & Recovery					
Pump Test Detail ID:		1002521267			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		4.04			
Test Level UOM:		m			
Draw Down & Recovery					
Pump Test Detail ID:		1002521270			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:	5				
Test Level:	5				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1002521277				
Test Type:	Draw Down				
Test Duration:	50				
Test Level:	5.13				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1002521275				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	5.12				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1002521276				
Test Type:	Draw Down				
Test Duration:	40				
Test Level:	5.13				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1002521278				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	5.14				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1002521269				
Test Type:	Recovery				
Test Duration:	4				
Test Level:	4				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1002521271				
Test Type:	Draw Down				
Test Duration:	10				
Test Level:	5.08				
Test Level UOM:	m				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	1002521264				
Test Type:	Draw Down				
Test Duration:	2				
Test Level:	4.9				
Test Level UOM:	m				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521272			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		5.09			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521265			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		4.11			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521268			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		4.98			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521273			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		5.11			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521274			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		5.12			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1002521259			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		43.27			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1002521257			
Diameter:		15.23			
Depth From:		8.83			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole ID:		1002521256			
Diameter:		15.86			
Depth From:		0			
Depth To:		8.83			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

90	1 of 1	WSW/257.3	94.9 / 0.00	lot 23 con 2 ON	WWIS
Well ID:	1515418			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	7/8/1976
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1515418.pdf

Bore Hole Information

Bore Hole ID:	10037366	Elevation:	93.532836
DP2BR:	11	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435229.8
Code OB Desc:	Bedrock	North83:	5003421
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	4
Date Completed:	6/8/1976	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	p4
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931029134
Layer:	4
Color:	1
General Color:	WHITE
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Mat2 Desc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		168			
Formation End Depth:		185			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931029131			
Layer:		1			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		11			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931029132			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		11			
Formation End Depth:		150			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		931029133			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		18			
Most Common Material:		SANDSTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		150			
Formation End Depth:		168			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		961515418			
Method Construction Code:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction:		Air Percussion			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10585936				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930065964				
Layer:	2				
Material:	4				
Open Hole or Material:	OPEN HOLE				
Depth From:					
Depth To:	185				
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Construction Record - Casing</u>					
Casing ID:	930065963				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	25				
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991515418				
Pump Set At:					
Static Level:					
Final Level After Pumping:	0				
Recommended Pump Depth:	15				
Pumping Rate:	50				
Flowing Rate:	10				
Recommended Pump Rate:	5				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	Yes				
<u>Water Details</u>					
Water ID:	933471507				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	96				
Water Found Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Water Details</u>					
Water ID:		933471508			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		182			
Water Found Depth UOM:		ft			
91	1 of 1	NW/262.3	93.9 / -1.00	LOT 29 RICHMOND FOREST lot 25 con 3 RICHMOND ON	WWIS
Well ID:	7115740			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	12/2/2008
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z84445			Owner:	
Tag:	A068354			Street Name:	LOT 29 RICHMOND FOREST
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/711\7115740.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	1001904981			Elevation:	94.202377
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	435428
Code OB Desc:				North83:	5004553
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	11/12/2008			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:	1001982476				
Layer:	3				
Color:	2				
General Color:	GREY				
Mat1:	15				
Most Common Material:	LIMESTONE				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:					
Formation End Depth:					
Formation End Depth UOM:					
78					
MEDIUM-GRAINED					
6.09					
45.1					
m					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:					
Layer:					
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:					
Formation End Depth:					
Formation End Depth UOM:					
1001982475					
2					
2					
GREY					
05					
CLAY					
12					
STONES					
86					
STICKY					
3.65					
6.09					
m					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:					
Layer:					
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:					
Formation End Depth:					
Formation End Depth UOM:					
1001982474					
1					
6					
BROWN					
05					
CLAY					
12					
STONES					
79					
PACKED					
0					
3.65					
m					
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:					
Layer:					
Plug From:					
Plug To:					
Plug Depth UOM:					
1001982479					
1					
8.53					
0					
m					
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:					
Method Construction Code:					
Method Construction:					
Other Method Construction:					
1001982503					
5					
Air Percussion					
ROTARY AIR					
<u>Pipe Information</u>					
Pipe ID:					
1001982472					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing No: Comment: Alt Name:		0			
<u>Construction Record - Casing</u>					
Casing ID:		1001982481			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-.6			
Depth To:		8.53			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1001982482			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1001982473			
Pump Set At:		30.47			
Static Level:		4.16			
Final Level After Pumping:		15.23			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982483			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		6.03			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982495			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		13.38			
Test Level UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982493			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		12.29			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982496			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		4.16			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982500			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		15.09			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982486			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		10.35			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982499			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		14.95			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982490			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		7.38			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982494			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		4.25			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1001982497			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		14.4			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982492			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		6.1			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982487			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		8.49			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982498			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		14.62			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982488			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		8.73			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982484			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		12.05			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982489			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		9.5			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982491			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		9.99			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982501			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		15.23			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001982485			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		7.44			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1001982480			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		42.36			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1001982477			
Diameter:		15.86			
Depth From:		0			
Depth To:		8.53			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1001982478			
Diameter:		15.07			
Depth From:		8.53			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

92	1 of 1	W/263.5	94.9 / 0.00	ON	WWIS
Well ID:	1509138			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	4/3/1956
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3601
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy:			Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509138.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10031171			Elevation:	95.845954
DP2BR:	28			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	434980.7
Code OB Desc:	Bedrock			North83:	5003817
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed:	2/23/1956			UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931011541				
Layer:	2				
Color:					
General Color:					
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	28				
Formation End Depth:	70				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931011540				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	28				
Formation End Depth UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961509138			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579741			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930054991			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		70			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930054990			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		28			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991509138			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:		14			
Recommended Pump Depth:					
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933463939			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	70				
Water Found Depth UOM:	ft				

93	1 of 1	NW/265.7	93.9 / -1.00	LOT 25 RICHMOND FOREST lot 25 con 3 RICHMOND ON	WWIS
Well ID:	7112996			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	10/14/2008
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z84399			Owner:	
Tag:	A068282			Street Name:	LOT 25 RICHMOND FOREST
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/711\7112996.pdf				

Bore Hole Information

Bore Hole ID:	1001836058	Elevation:	94.432098
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	435371
Code OB Desc:		North83:	5004501
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	9/16/2008	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1001919961
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation End Depth:		3.04			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1001919963			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		71			
Mat2 Desc:		FRACTURED			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		6.09			
Formation End Depth:		10.97			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1001919962			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		28			
Mat2 Desc:		SAND			
Mat3:		77			
Mat3 Desc:		LOOSE			
Formation Top Depth:		3.04			
Formation End Depth:		6.09			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1001919964			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:		78			
Mat3 Desc:		MEDIUM-GRAINED			
Formation Top Depth:		10.97			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1001919967			
Layer:		1			
Plug From:		13.1			
Plug To:		0			
Plug Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1001919991			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1001919959			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1001919969			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		.45			
Depth To:		13.1			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1001919970			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1001919960			
Pump Set At:		22.85			
Static Level:		4.52			
Final Level After Pumping:		10.56			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1001919975			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		8.14			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001919971			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		6.3			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001919987			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		10.53			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001919980			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		4.8			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001919977			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		8.67			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001919983			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		10.27			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001919974			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		6.7			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001919986			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		10.5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001919988			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		10.55			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001919985			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		10.47			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001919989			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		10.56			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001919982			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		4.55			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001919973			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		7.38			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001919981			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		10			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001919984			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		10.41			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1001919979			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		9.09			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001919978			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		5.05			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001919976			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		5.67			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001919972			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		8.23			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1001919968			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		41.75			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1001919965			
Diameter:		15.86			
Depth From:		0			
Depth To:		13.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1001919966			
Diameter:		15.23			
Depth From:		13.1			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
94	1 of 1	NW/266.7	93.8 / -1.03	RICHMOND FOREST LOT 28 lot 25 con 3 RICHMOND ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	7123247			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	5/20/2009
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z095328			Owner:	
Tag:	A076798			Street Name:	RICHMOND FOREST LOT 28
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7123247.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	1002427404			Elevation:	94.347183
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	435398
Code OB Desc:				North83:	5004532
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	3/23/2009			UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1002573560				
Layer:	2				
Color:	2				
General Color:	GREY				
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	12				
Mat2 Desc:	STONES				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	4.26				
Formation End Depth:	5.79				
Formation End Depth UOM:	m				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	1002573559				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		4.26			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002573561			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5.79			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1002573564			
Layer:		1			
Plug From:		0			
Plug To:		8.83			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1002573584			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1002573557			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002573566			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-.45			
Depth To:		8.83			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1002573567			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1002573558			
Pump Set At:		30.47			
Static Level:		3.57			
Final Level After Pumping:		4.81			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573572			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		4.7			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573580			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		4.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573568			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		4.49			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1002573578			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		4.8			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573581			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		4.8			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573582			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		4.81			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573571			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		3.58			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573575			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		4.75			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573576			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		4.77			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573579			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		4.8			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573570			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		4.65			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573573			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		4.72			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573569			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		3.67			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573577			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		4.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573574			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		4.73			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1002573565			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		42.66			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1002573562			
Diameter:		15.86			
Depth From:		0			
Depth To:		8.83			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1002573563			
Diameter:		15.07			
Depth From:		8.83			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
95	1 of 1	NW/275.0	94.7 / -0.14	RICHMOND FOREST LOT 23 lot 25 con 3 RICHMOND ON	WWIS
Well ID: 7127131 Construction Date: Primary Water Use: Domestic Sec. Water Use: Final Well Status: Water Supply Water Type: Casing Material: Audit No: Z095266 Tag: A076819 Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: Data Entry Status: Data Src: Date Received: 8/10/2009 Selected Flag: Yes Abandonment Rec: Contractor: 1558 Form Version: 7 Owner: Street Name: RICHMOND FOREST LOT 23 County: OTTAWA Municipality: GOULBOURN TOWNSHIP Site Info: Lot: 025 Concession: 03 Concession Name: CON Easting NAD83: Northing NAD83: Zone: UTM Reliability: PDF URL (Map):https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7127131.pdf					
<u>Bore Hole Information</u>					
Bore Hole ID: 1002632073 DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 6/10/2009 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: Elevation: 94.251281 Elevrc: Zone: 18 East83: 435344 North83: 5004478 Org CS: UTM83 UTMRC: 3 UTMRC Desc: margin of error : 10 - 30 m Location Method: wwr					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1002654474 Layer: 2 Color: 2 General Color: GREY Mat1: 15 Most Common Material: LIMESTONE Mat2: Mat2 Desc: Mat3: 74 Mat3 Desc: LAYERED Formation Top Depth: 6.4 Formation End Depth: 7.9 Formation End Depth UOM: m					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1002654475			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:		78			
Mat3 Desc:		MEDIUM-GRAINED			
Formation Top Depth:		7.9			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1002654473			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		6.4			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002654478			
Layer:		1			
Plug From:		9.44			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002654505			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:		ROTARY AIR			
<u>Pipe Information</u>					
Pipe ID:		1002654471			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002654481			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-.45			
Depth To:		9.44			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
 <u>Construction Record - Screen</u>					
Screen ID:		1002654482			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		1002654472			
Pump Set At:		30.47			
Static Level:		4.08			
Final Level After Pumping:		20.91			
Recommended Pump Depth:		30.47			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654497			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		17.47			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654486			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		16.05			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654490			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		12.59			
Test Level UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654487			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		8.68			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654492			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		11.07			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654496			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		4.31			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654494			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		6.07			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654483			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		5.93			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654484			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		18.15			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654493			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		14.17			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1002654488			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		14.34			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654502			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		20.55			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654495			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		16.24			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654485			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		7.38			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654491			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		10.5			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654499			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		18.53			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654503			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		20.91			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654500			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		19.27			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654498			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		4.07			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654489			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		9.77			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654501			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		20.25			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1002654480			
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		43.27			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		1002654479			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		35.05			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1002654477			
Diameter:		15.23			
Depth From:		9.44			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1002654476			
Diameter:		15.86			
Depth From:		0			
Depth To:		9.44			
Hole Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Diameter UOM:		cm			
96	1 of 1	NW/275.8	94.9 / 0.00	RICHMOND FOREST LOT 24 lot 25 con 3 RICHMOND ON	WWIS
Well ID: 7127128		Data Entry Status:			
Construction Date:		Data Src:			
Primary Water Use: Domestic		Date Received: 8/10/2009			
Sec. Water Use:		Selected Flag: Yes			
Final Well Status: Water Supply		Abandonment Rec:			
Water Type:		Contractor: 1558			
Casing Material:		Form Version: 7			
Audit No: Z095268		Owner:			
Tag: A076818		Street Name: RICHMOND FOREST LOT 24			
Construction Method:		County: OTTAWA			
Elevation (m):		Municipality: GOULBOURN TOWNSHIP			
Elevation Reliability:		Site Info:			
Depth to Bedrock:		Lot: 025			
Well Depth:		Concession: 03			
Overburden/Bedrock:		Concession Name: CON			
Pump Rate:		Easting NAD83:			
Static Water Level:		Northing NAD83:			
Flowing (Y/N):		Zone:			
Flow Rate:		UTM Reliability:			
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7127128.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID: 1002632064		Elevation: 94.368247			
DP2BR:		Elevrc:			
Spatial Status:		Zone: 18			
Code OB:		East83: 435348			
Code OB Desc:		North83: 5004486			
Open Hole:		Org CS: UTM83			
Cluster Kind:		UTMRC: 3			
Date Completed: 6/10/2009		UTMRC Desc: margin of error : 10 - 30 m			
Remarks:		Location Method: wwr			
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 1002654353					
Layer: 4					
Color: 2					
General Color: GREY					
Mat1: 15					
Most Common Material: LIMESTONE					
Mat2:					
Mat2 Desc:					
Mat3: 74					
Mat3 Desc: LAYERED					
Formation Top Depth: 25.9					
Formation End Depth: 29.86					
Formation End Depth UOM: m					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1002654352			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:		78			
Mat3 Desc:		MEDIUM-GRAINED			
Formation Top Depth:		7.61			
Formation End Depth:		25.9			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1002654351			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:		74			
Mat3 Desc:		LAYERED			
Formation Top Depth:		6.09			
Formation End Depth:		7.61			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1002654350			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		6.09			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002654356			
Layer:		1			
Plug From:		9.14			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Method Construction ID: 1002654380					
Method Construction Code: 5					
Method Construction: Air Percussion					
Other Method Construction: ROTARY AIR					
<u>Pipe Information</u>					
Pipe ID: 1002654348					
Casing No: 0					
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID: 1002654358					
Layer: 1					
Material: 1					
Open Hole or Material: STEEL					
Depth From: -.45					
Depth To: 9.14					
Casing Diameter: 15.86					
Casing Diameter UOM: cm					
Casing Depth UOM: m					
<u>Construction Record - Screen</u>					
Screen ID: 1002654359					
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM: m					
Screen Diameter UOM: cm					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID: 1002654349					
Pump Set At: 22.85					
Static Level: 4.09					
Final Level After Pumping: 6.6					
Recommended Pump Depth: 22.85					
Pumping Rate: 54.6					
Flowing Rate:					
Recommended Pump Rate: 45.5					
Levels UOM: m					
Rate UOM: LPM					
Water State After Test Code: 1					
Water State After Test: CLEAR					
Pumping Test Method: 0					
Pumping Duration HR: 1					
Pumping Duration MIN: 0					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1002654370					
Test Type: Draw Down					
Test Duration: 10					
Test Level: 6.47					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654362			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		5.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654368			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		6.27			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654369			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		4.19			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654360			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		5.33			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654363			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		4.53			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654378			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		6.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654371			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		4.1			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1002654361			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		5.06			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654365			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		4.34			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654367			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		4.25			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654373			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		6.54			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654377			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		6.6			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654366			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		6.19			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654372			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		6.52			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654374			
Test Type:		Draw Down			
Test Duration:		25			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		6.55			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654376			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		6.59			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654375			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		6.57			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654364			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		5.93			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1002654357			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		25.9			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1002654354			
Diameter:		15.86			
Depth From:		0			
Depth To:		9.14			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1002654355			
Diameter:		15.23			
Depth From:		9.14			
Depth To:		29.86			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
97	1 of 1	NW/275.8	94.6 / -0.24	RICHMOND FOREST LOT 26 lot 25 con 3 RICHMOND ON	WWIS
Well ID:	7123244			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	5/20/2009

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z095324			Owner:	
Tag:	A068296			Street Name:	RICHMOND FOREST LOT 26
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7123244.pdf

Bore Hole Information

Bore Hole ID:	1002427395	Elevation:	94.467536
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	435371
Code OB Desc:		North83:	5004517
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	3/24/2009	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	www
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1002573437
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	12
Mat2 Desc:	STONES
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	0
Formation End Depth:	3.35
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1002573438
Layer:	2
Color:	2
General Color:	GREY
Mat1:	02

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		TOPSOIL			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:		81			
Mat3 Desc:		SANDY			
Formation Top Depth:		3.35			
Formation End Depth:		5.79			
Formation End Depth UOM:		m			
 <u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1002573439			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:		78			
Mat3 Desc:		MEDIUM-GRAINED			
Formation Top Depth:		5.79			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
 <u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002573442			
Layer:		1			
Plug From:		0			
Plug To:		8.83			
Plug Depth UOM:		m			
 <u>Method of Construction & Well Use</u>					
Method Construction ID:		1002573463			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:		AIR PERCUSSION			
 <u>Pipe Information</u>					
Pipe ID:		1002573435			
Casing No:		0			
Comment:					
Alt Name:					
 <u>Construction Record - Casing</u>					
Casing ID:		1002573444			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-.45			
Depth To:		8.83			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Screen</u>					
Screen ID:		1002573445			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1002573436			
Pump Set At:		30.48			
Static Level:		3.32			
Final Level After Pumping:		6.46			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573451			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		3.46			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573457			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		3.33			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573448			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		5.3			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573447			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		4.26			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573446			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		4.79			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573458			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		6.37			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573452			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		5.88			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573454			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		5.98			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573453			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		3.41			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573450			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		5.64			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573461			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		6.46			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1002573456			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		6.24			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573460			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		6.44			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573449			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		3.91			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573459			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		6.43			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002573455			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		3.39			
Test Level UOM:		m			
 <u>Water Details</u>					
Water ID:		1002573443			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		43.88			
Water Found Depth UOM:		m			
 <u>Hole Diameter</u>					
Hole ID:		1002573441			
Diameter:		15.23			
Depth From:		8.83			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
 <u>Hole Diameter</u>					
Hole ID:		1002573440			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Diameter:		15.86			
Depth From:		0			
Depth To:		8.83			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

98	1 of 1	WNW/279.0	93.8 / -1.12	lot 222 con 2 ON	WWIS
Well ID:	1533080			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/16/2002
Sec. Water Use:	Livestock			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	1
Audit No:	250380			Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	222
Well Depth:				Concession:	02
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1533080.pdf				

Bore Hole Information

Bore Hole ID:	10529827	Elevation:	94.617225
DP2BR:	8	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435301.2
Code OB Desc:	Bedrock	North83:	5004336
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	8/20/2002	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	gis
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932880082
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	79
Mat3 Desc:	PACKED

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Formation Top Depth:		0			
Formation End Depth:		8			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932880083			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		8			
Formation End Depth:		125			
Formation End Depth UOM:		ft			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		933230153			
Layer:		1			
Plug From:		0			
Plug To:		22			
Plug Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961533080			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11078397			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930096183			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:					
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930096182			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:					
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991533080			
Pump Set At:					
Static Level:		13			
Final Level After Pumping:		50			
Recommended Pump Depth:		95			
Pumping Rate:		12			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934119044			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		50			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934911858			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		120			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934393894			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		75			
Test Level UOM:		ft			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		934663178			
Test Type:		Draw Down			
Test Duration:		45			
Test Level:		100			
Test Level UOM:		ft			
 <u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID:		934022442			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		111			
Water Found Depth UOM:		ft			

99	1 of 1	NW/279.5	94.6 / -0.31	CHANONHOUSE LOT 12 lot 25 con 3 RICHMOND ON	WWIS
Well ID:	7127126			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	8/10/2009
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z095261			Owner:	
Tag:	A076822			Street Name:	CHANONHOUSE LOT 12
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/7127127126.pdf				

Bore Hole Information

Bore Hole ID:	1002632058	Elevation:	94.427436
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	435390
Code OB Desc:		North83:	5004542
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	6/17/2009	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1002654254
Layer:	3
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Mat2 Desc:	
Mat3:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3 Desc:					
Formation Top Depth:		42.97			
Formation End Depth:		51.81			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1002654252			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		6.09			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1002654253			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		6.09			
Formation End Depth:		42.97			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1002654257			
Layer:		1			
Plug From:		9.14			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002654281			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:		ROTARY AIR			
<u>Pipe Information</u>					
Pipe ID:		1002654250			
Casing No:		0			
Comment:					
Alt Name:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:		1002654259			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-.45			
Depth To:		9.14			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1002654260			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1002654251			
Pump Set At:		30.47			
Static Level:		4.32			
Final Level After Pumping:		15.9			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654276			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		15.23			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654278			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		15.83			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1002654270			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		6.7			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654279			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		15.9			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654263			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		7.12			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654275			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		14.87			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654265			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		8.2			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654274			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		14.19			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654261			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		6.03			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654277			
Test Type:		Draw Down			
Test Duration:		40			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		15.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654269			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		9.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654264			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		11.04			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654272			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		4.31			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654262			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		13.08			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654273			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		13.2			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654267			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		8.83			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654271			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		11.8			
Test Level UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654266			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		9.35			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002654268			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		7.7			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1002654258			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		50.59			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1002654256			
Diameter:		15.23			
Depth From:		9.14			
Depth To:		51.81			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1002654255			
Diameter:		15.86			
Depth From:		0			
Depth To:		9.14			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>100</u>	1 of 1	NNW/280.0	92.9 / -2.00	City of Ottawa 52 Chanonhouse Drive, Richmond Ottawa ON	SPL
Ref No:	8348-BCYK7Z			Discharger Report:	
Site No:	NA			Material Group:	
Incident Dt:	6/9/2019			Health/Env Conseq:	2 - Minor Environment
Year:				Client Type:	Municipal Government
Incident Cause:				Sector Type:	
Incident Event:				Agency Involved:	
Contaminant Code:				Nearest Watercourse:	
Contaminant Name:				Site Address:	52 Chanonhouse Drive, Richmond
Contaminant Limit 1:				Site District Office:	Ottawa
Contam Limit Freq 1:				Site Postal Code:	
Contaminant UN No 1:				Site Region:	Eastern
Environment Impact:				Site Municipality:	Ottawa
Nature of Impact:				Site Lot:	
Receiving Medium:				Site Conc:	
Receiving Env:				Northring:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
MOE Response: Dt MOE Arvl on Scn: MOE Reported Dt: Dt Document Closed:	No 6/12/2019			Easting: Site Geo Ref Accu: Site Map Datum: SAC Action Class:	Pollution Incident Reports (PIRs) and "Other" calls
Incident Reason: Site Name: Site County/District: Site Geo Ref Meth: Incident Summary: Contaminant Qty:		Complainant's Residence<UNOFFICIAL>		Source Type:	
		City of Ottawa: Odour complaint from member of the public			

101	1 of 1	WNW/280.7	94.9 / 0.00	ON	WWIS
Well ID:	1509180			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	12/19/1958
Sec. Water Use:	0			Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	3733
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509180.pdf

Bore Hole Information

Bore Hole ID:	10031213	Elevation:	95.976486
DP2BR:	12	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435115.7
Code OB Desc:	Bedrock	North83:	5004177
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	5
Date Completed:	10/11/1958	UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:		Location Method:	p5
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	931011628
Layer:	3
Color:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
General Color:					
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		12			
Formation End Depth:		60			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931011627			
Layer:		2			
Color:					
General Color:					
Mat1:		06			
Most Common Material:		SILT			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5			
Formation End Depth:		12			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931011626			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		5			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961509180			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579783			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing ID:		930055076			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		60			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Construction Record - Casing</u>					
Casing ID:		930055075			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		21			
Casing Diameter:		4			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
 <u>Results of Well Yield Testing</u>					
Pump Test ID:		991509180			
Pump Set At:					
Static Level:		15			
Final Level After Pumping:		25			
Recommended Pump Depth:					
Pumping Rate:		5			
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
 <u>Water Details</u>					
Water ID:		933463985			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		50			
Water Found Depth UOM:		ft			
 <u>Water Details</u>					
Water ID:		933463986			
Layer:		2			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		60			
Water Found Depth UOM:		ft			
102	1 of 1	W/281.1	94.9 / 0.00	6140 OTTAWA STREET lot 23 con 3 RICHMOND ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	1534997			Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use:	Domestic			Date Received:	9/10/2004
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	3
Audit No:	Z13682			Owner:	
Tag:	A013805			Street Name:	6140 OTTAWA STREET
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	023
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map):

Bore Hole Information

Bore Hole ID:	11172749	Elevation:	95.764106
DP2BR:	26	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	434963
Code OB Desc:	Bedrock	North83:	5003802
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	6/26/2004	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	932968711
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	7.92
Formation End Depth:	47.24
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	932968709
Layer:	1

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		6			
General Color:		BROWN			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		3.65			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932968710			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		3.65			
Formation End Depth:		7.92			
Formation End Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961534997			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11181268			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930842998			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		8.83			
Depth To:		47.24			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Casing</u>					
Casing ID:		930842997			
Layer:		1			
Material:					
Open Hole or Material:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:		-.45			
Depth To:		8.83			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		11189638			
Pump Set At:		38.4			
Static Level:		3.31			
Final Level After Pumping:		22.29			
Recommended Pump Depth:		38.4			
Pumping Rate:		22.75			
Flowing Rate:					
Recommended Pump Rate:		22.75			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:					
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225419			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		5.34			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225810			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		3.95			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225812			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		3.85			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225814			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		3.8			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225420			
Test Type:		Draw Down			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		20			
Test Level:		12.72			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225423			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		4.33			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225409			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		17.06			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225414			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		8.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225421			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		4.64			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225410			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		7.36			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225417			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		7.3			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225407			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		19.16			
Test Level UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225412			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		7.98			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225807			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		15.36			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225808			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		4.17			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225813			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		22.29			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225411			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		14.99			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225809			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		17.9			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225811			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		20.27			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225415			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Recovery			
Test Duration:		5			
Test Level:		12.56			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225416			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		10.29			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225422			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		14.06			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225418			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		11.48			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225408			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		6.67			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225406			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		5.71			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		11225413			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		13.95			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		934050454			
Layer:		2			
Kind Code:					
Kind:					
Water Found Depth:		42.67			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		934050453			
Layer:		1			
Kind Code:					
Kind:					
Water Found Depth:		10.05			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		11305876			
Diameter:		15.39			
Depth From:		8.83			
Depth To:		45.72			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		11305875			
Diameter:		14.59			
Depth From:		45.72			
Depth To:		47.24			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		11305877			
Diameter:		22.75			
Depth From:		0			
Depth To:		8.83			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
103	1 of 1	WNW/281.7	94.9 / 0.00	ON	WWIS
Well ID:		1509303		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Domestic		Date Received:	
Sec. Water Use:		0		Selected Flag:	
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	
Casing Material:				Form Version:	
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	
Elevation (m):				Municipality:	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509303.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10031336		Elevation:	95.90586	
DP2BR:	23		Elevrc:		
Spatial Status:			Zone:	18	
Code OB:	r		East83:	435240.7	
Code OB Desc:	Bedrock		North83:	5004277	
Open Hole:			Org CS:		
Cluster Kind:			UTMRC:	5	
Date Completed:	10/21/1966		UTMRC Desc:	margin of error : 100 m - 300 m	
Remarks:			Location Method:	p5	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931011882				
Layer:	1				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	8				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931011883				
Layer:	2				
Color:					
General Color:					
Mat1:	14				
Most Common Material:	HARDPAN				
Mat2:	13				
Mat2 Desc:	BOULDERS				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	8				
Formation End Depth:	23				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931011884				
Layer:	3				
Color:					
General Color:					
Mat1:	15				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		23			
Formation End Depth:		75			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961509303			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10579906			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930055323			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		30			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930055324			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		75			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991509303			
Pump Set At:					
Static Level:		18			
Final Level After Pumping:		24			
Recommended Pump Depth:		60			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933464125			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		73			
Water Found Depth UOM:		ft			
104	1 of 1	NW/284.9	94.9 / 0.00	RICHMOND FOREST LOT 10 lot 25 con 3 RICHMOND ON	WWIS
Well ID:		7119244		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Domestic		Date Received:	
Sec. Water Use:				Selected Flag:	
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	
Casing Material:				Form Version:	
Audit No:		Z84461		Owner:	
Tag:		A076813		Street Name:	
Construction Method:				County:	
Elevation (m):				Municipality:	
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	
Well Depth:				Concession:	
Overburden/Bedrock:				Concession Name:	
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/711\7119244.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1002010915		Elevation:	
DP2BR:				Elevrc:	
Spatial Status:				Zone:	
Code OB:				East83:	
Code OB Desc:				North83:	
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	
Date Completed:		12/2/2008		UTMRC Desc:	
Remarks:				Location Method:	
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1002479450			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		5.79			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002479451			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:		78			
Mat3 Desc:		MEDIUM-GRAINED			
Formation Top Depth:		5.79			
Formation End Depth:		48.76			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1002479454			
Layer:		1			
Plug From:		0			
Plug To:		8.83			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1002479477			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1002479448			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002479456			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-.45			
Depth To:		8.83			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1002479457			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1002479449			
Pump Set At:		45.71			
Static Level:		3.9			
Final Level After Pumping:		6.98			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002479475			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		6.98			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002479468			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		6.85			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002479469			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		6.94			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1002479467			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		3.92			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002479466			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		6.47			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002479459			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		5.18			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002479474			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		6.97			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002479470			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		7			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002479458			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		5.1			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002479465			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		3.94			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002479461			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		4.29			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002479463			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		3.98			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002479472			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		6.97			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002479460			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		5.67			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002479464			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		6.24			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002479473			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		6.97			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002479462			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		5.99			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002479471			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		7.04			
Test Level UOM:		m			
<u>Water Details</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Water ID:		1002479455			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		46.63			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1002479453			
Diameter:		15.55			
Depth From:		8.83			
Depth To:		48.76			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1002479452			
Diameter:		15.86			
Depth From:		0			
Depth To:		8.83			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
105	1 of 1	NNW/285.3	93.6 / -1.31	RICHMOND FOREST LOT 31 lot 25 con 3 RICHMOND ON	WWIS
Well ID:	7121464			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	4/6/2009
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z095338			Owner:	
Tag:	A068288			Street Name:	RICHMOND FOREST LOT 31
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7121464.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	1002038797			Elevation:	94.177963
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	435452
Code OB Desc:				North83:	5004599
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	3/5/2009			UTMRC Desc:	margin of error : 10 - 30 m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:			Location Method: wwr		
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1002521286			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		14			
Most Common Material:		HARDPAN			
Mat2:		13			
Mat2 Desc:		BOULDERS			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		4.26			
Formation End Depth:		7.01			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1002521287			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:		78			
Mat3 Desc:		MEDIUM-GRAINED			
Formation Top Depth:		7.01			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1002521285			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		81			
Mat2 Desc:		SANDY			
Mat3:		12			
Mat3 Desc:		STONES			
Formation Top Depth:		0			
Formation End Depth:		4.26			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u> <u>Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1002521290			
Layer:		1			
Plug From:		8.83			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1002521312			
Method Construction Code:		5			
Method Construction:		Air Percussion			
Other Method Construction:		ROTARY AIR			
<u>Pipe Information</u>					
Pipe ID:		1002521283			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002521292			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-.45			
Depth To:		8.83			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1002521293			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1002521284			
Pump Set At:		30.47			
Static Level:		3.95			
Final Level After Pumping:		7.78			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<i>Flowing:</i>					
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1002521299			
<i>Test Type:</i>		Recovery			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		4.04			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1002521302			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		5			
<i>Test Level:</i>		6.77			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1002521304			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		15			
<i>Test Level:</i>		7.37			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1002521296			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		2			
<i>Test Level:</i>		5.84			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1002521307			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		30			
<i>Test Level:</i>		7.64			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1002521298			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		3			
<i>Test Level:</i>		6.24			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					
<i>Pump Test Detail ID:</i>		1002521306			
<i>Test Type:</i>		Draw Down			
<i>Test Duration:</i>		25			
<i>Test Level:</i>		7.58			
<i>Test Level UOM:</i>		m			
<u><i>Draw Down & Recovery</i></u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1002521305			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		7.49			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521297			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		4.5			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521303			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		7.17			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521295			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		5.62			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521294			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		5.3			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521310			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		7.78			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521308			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		7.68			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521301			
Test Type:		Recovery			
Test Duration:		4			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		3.93			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521300			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		6.53			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002521309			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		7.73			
Test Level UOM:		m			
 <u>Water Details</u>					
Water ID:		1002521291			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		43.27			
Water Found Depth UOM:		m			
 <u>Hole Diameter</u>					
Hole ID:		1002521289			
Diameter:		15.23			
Depth From:		8.83			
Depth To:		45.1			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
 <u>Hole Diameter</u>					
Hole ID:		1002521288			
Diameter:		15.86			
Depth From:		0			
Depth To:		8.83			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
106	1 of 1	NNW/285.3	92.8 / -2.03	TEST WELL 3, KING STREET lot 25 con 3 RICHMOND ON	WWIS
Well ID:	1535453			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	5/18/2005
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	3
Audit No:	Z13768			Owner:	
Tag:	A013675			Street Name:	TEST WELL 3, KING STREET
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	RICHMOND VILLAGE (GOULBOURN)
Elevation Reliability:				Site Info:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/153\1535453.pdf

Bore Hole Information

Bore Hole ID:	11315992	Elevation:	94.132118
DP2BR:	14	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	435457
Code OB Desc:	Bedrock	North83:	5004602
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	3/16/2005	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	932996365
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	2.43
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	932996366
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	74
Mat2 Desc:	LAYERED
Mat3:	73
Mat3 Desc:	HARD
Formation Top Depth:	2.43
Formation End Depth:	4.26
Formation End Depth UOM:	m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932996368			
Layer:		4			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		18.59			
Formation End Depth:		22.25			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		932996367			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		74			
Mat2 Desc:		LAYERED			
Mat3:		73			
Mat3 Desc:		HARD			
Formation Top Depth:		4.26			
Formation End Depth:		18.59			
Formation End Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961535453			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		11330847			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930855247			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:		6.4			
Depth To:		22.24			
Casing Diameter:					
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Construction Record - Casing</u>					
Casing ID:			930855246		
Layer:			1		
Material:			1		
Open Hole or Material:			STEEL		
Depth From:			-.45		
Depth To:			6.4		
Casing Diameter:			15.86		
Casing Diameter UOM:			cm		
Casing Depth UOM:			m		
<u>Results of Well Yield Testing</u>					
Pump Test ID:			991535453		
Pump Set At:					
Static Level:					
Final Level After Pumping:					
Recommended Pump Depth:					
Pumping Rate:					
Flowing Rate:					
Recommended Pump Rate:					
Levels UOM:			ft		
Rate UOM:			GPM		
Water State After Test Code:			1		
Water State After Test:			CLEAR		
Pumping Test Method:					
Pumping Duration HR:					
Pumping Duration MIN:					
Flowing:			No		
<u>Water Details</u>					
Water ID:			934059676		
Layer:			2		
Kind Code:					
Kind:					
Water Found Depth:			12.49		
Water Found Depth UOM:			m		
<u>Water Details</u>					
Water ID:			934059675		
Layer:			1		
Kind Code:					
Kind:					
Water Found Depth:			8.53		
Water Found Depth UOM:			m		
<u>Water Details</u>					
Water ID:			934059677		
Layer:			3		
Kind Code:					
Kind:					
Water Found Depth:			16.15		
Water Found Depth UOM:			m		
<u>Hole Diameter</u>					
Hole ID:			11533469		
Diameter:			15.39		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth From:		6.4			
Depth To:		22.24			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		11533470			
Diameter:		22.75			
Depth From:		0			
Depth To:		6.4			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
107	1 of 1	NW/285.5	94.7 / -0.20	RICHMOND FOREST LOT 22 lot 25 con 3 RICHMOND ON	WWIS
Well ID:		7119251		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Domestic		Date Received:	2/12/2009
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:		Water Supply		Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:		Z84473		Owner:	
Tag:		A051593		Street Name:	RICHMOND FOREST LOT 22
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/711\7119251.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1002010952		Elevation:	94.144287
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	435315
Code OB Desc:				North83:	5004443
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:		1/20/2009		UTMRC Desc:	margin of error : 10 - 30 m
Remarks:				Location Method:	wwr
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1002482330			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:		78			
Mat3 Desc:		MEDIUM-GRAINED			
Formation Top Depth:		4.57			
Formation End Depth:		47.24			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:		1002482329			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:		81			
Mat3 Desc:		SANDY			
Formation Top Depth:		0			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1002482333			
Layer:		1			
Plug From:		0			
Plug To:		7.92			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1002482358			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1002482327			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1002482335			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-.45			
Depth To:		7.92			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1002482336			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1002482328			
Pump Set At:		45.71			
Static Level:		4.06			
Final Level After Pumping:		16.39			
Recommended Pump Depth:		30.47			
Pumping Rate:		36.4			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002482339			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		7.03			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002482356			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		16.39			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002482344			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		7.84			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1002482347			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		12			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002482341			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		7.83			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002482346			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		6.88			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002482340			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		10.78			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002482352			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		14.64			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002482354			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		15.73			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002482345			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		9.02			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002482338			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		13.1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002482351			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		14.11			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002482355			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		16.14			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002482342			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		9.02			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002482337			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		5.78			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002482343			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		8.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002482349			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		12.98			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1002482348			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		4.38			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID: 1002482350					
Test Type: Recovery					
Test Duration: 15					
Test Level: 4.06					
Test Level UOM: m					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID: 1002482353					
Test Type: Draw Down					
Test Duration: 30					
Test Level: 15.2					
Test Level UOM: m					
<u>Water Details</u>					
Water ID: 1002482334					
Layer: 1					
Kind Code: 8					
Kind: Untested					
Water Found Depth: 44.8					
Water Found Depth UOM: m					
<u>Hole Diameter</u>					
Hole ID: 1002482331					
Diameter: 15.86					
Depth From: 0					
Depth To: 7.92					
Hole Depth UOM: m					
Hole Diameter UOM: cm					
<u>Hole Diameter</u>					
Hole ID: 1002482332					
Diameter: 15.39					
Depth From: 7.92					
Depth To: 47.24					
Hole Depth UOM: m					
Hole Diameter UOM: cm					
108	1 of 1	WNW/285.8	94.9 / 0.00	ON	WWIS
Well ID: 1509721					
Construction Date:					
Primary Water Use: Domestic					
Sec. Water Use: 0					
Final Well Status: Water Supply					
Water Type:					
Casing Material:					
Audit No:					
Tag:					
Construction Method:					
Elevation (m):					
Elevation Reliability:					
Depth to Bedrock:					
Well Depth:					
Overburden/Bedrock:					
Pump Rate:					
Static Water Level:					
Data Entry Status:					
Data Src: 1					
Date Received: 8/13/1968					
Selected Flag: Yes					
Abandonment Rec:					
Contractor: 1802					
Form Version: 1					
Owner:					
Street Name:					
County: OTTAWA					
Municipality: RICHMOND VILLAGE					
Site Info:					
Lot:					
Concession:					
Concession Name:					
Easting NAD83:					
Northing NAD83:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509721.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10031753			Elevation:	96.391487
DP2BR:	17			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	435200.7
Code OB Desc:	Bedrock			North83:	5004262
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	7/25/1968			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931012886				
Layer:	1				
Color:					
General Color:					
Mat1:	01				
Most Common Material:	FILL				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	0				
Formation End Depth:	3				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931012888				
Layer:	3				
Color:					
General Color:					
Mat1:	15				
Most Common Material:	LIMESTONE				
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:	17				
Formation End Depth:	40				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931012887				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Layer:		2			
Color:					
General Color:					
Mat1:		09			
Most Common Material:		MEDIUM SAND			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		3			
Formation End Depth:		17			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961509721			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10580323			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930056143			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		40			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930056142			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		21			
Casing Diameter:		6			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991509721			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:		22			
Recommended Pump Depth:		38			
Pumping Rate:		10			
Flowing Rate:					
Recommended Pump Rate:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933464613			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		30			
Water Found Depth UOM:		ft			
109	1 of 1	NW/286.9	94.7 / -0.20	LOT 21, CHANONHOUSE DRIVE lot 25 con 3 RICHMOND ON	WWIS
Well ID:		7139902		Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:		Domestic		Date Received:	
Sec. Water Use:				2/16/2010	
Final Well Status:		Water Supply		Selected Flag:	
Water Type:				Yes	
Casing Material:				Abandonment Rec:	
Audit No:		Z095270		Contractor:	
Tag:		A076861		1558	
Construction Method:				Form Version:	
Elevation (m):				7	
Elevation Reliability:				Owner:	
Depth to Bedrock:				Street Name:	
Well Depth:				LOT 21, CHANONHOUSE DRIVE	
Overburden/Bedrock:				County:	
Pump Rate:				OTTAWA	
Static Water Level:				Municipality:	
Flowing (Y/N):				GOULBOURN TOWNSHIP	
Flow Rate:				Site Info:	
Clear/Cloudy:				Lot:	
				025	
				Concession:	
				03	
				Concession Name:	
				CON	
				Easting NAD83:	
				Northing NAD83:	
				Zone:	
				UTM Reliability:	
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/713\7139902.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:		1002937984		Elevation:	
DP2BR:				94.180892	
Spatial Status:				Elevrc:	
Code OB:				Zone:	
Code OB Desc:				18	
Open Hole:				East83:	
Cluster Kind:				435312	
Date Completed:		6/8/2009		North83:	
Remarks:				5004439	
Elevrc Desc:				Org CS:	
Location Source Date:				UTM83	
Improvement Location Source:				UTMRC:	
Improvement Location Method:				5	
Source Revision Comment:				UTMRC Desc:	
Supplier Comment:				margin of error : 100 m - 300 m	
				Location Method:	
				wwr	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1003109205			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		02			
Most Common Material:		TOPSOIL			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		4.87			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1003109206			
Layer:		2			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:		78			
Mat3 Desc:		MEDIUM-GRAINED			
Formation Top Depth:		4.87			
Formation End Depth:		45.1			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003109209			
Layer:		1			
Plug From:		7.92			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1003109236			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:		AIR PERCUSSION			
<u>Pipe Information</u>					
Pipe ID:		1003109203			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003109212			
Layer:		1			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-.45			
Depth To:		7.92			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1003109213			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1003109204			
Pump Set At:		24.38			
Static Level:		3.9			
Final Level After Pumping:		7.66			
Recommended Pump Depth:		24.38			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003109221			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		4.11			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003109226			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		7.46			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003109217			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		4.6			
Test Level UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003109229			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		3.91			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003109231			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		7.57			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003109220			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		6.68			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003109222			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		6.9			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003109232			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		7.6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003109216			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		6			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003109223			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		4.05			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1003109218			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		6.38			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003109234			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		7.66			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003109233			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		7.64			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003109215			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		5.55			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003109219			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		4.16			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003109230			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		7.55			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003109227			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		3.93			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003109214			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		5.23			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003109228			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		7.53			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003109225			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		3.96			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003109224			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		7.33			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1003109210			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		27.43			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		1003109211			
Layer:		2			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		43.27			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1003109207			
Diameter:		15.86			
Depth From:		0			
Depth To:		7.92			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1003109208			
Diameter:		15.23			
Depth From:		7.92			
Depth To:		45.1			
Hole Depth UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Hole Diameter UOM:		cm			
110	1 of 1	ESE/290.3	96.9 / 2.00	lot 1 con 6 ON	WWIS
Well ID: 1506368				Data Entry Status:	
Construction Date:				Data Src:	1
Primary Water Use: Domestic				Date Received:	9/5/1962
Sec. Water Use: 0				Selected Flag:	Yes
Final Well Status: Water Supply				Abandonment Rec:	
Water Type:				Contractor:	1503
Casing Material:				Form Version:	1
Audit No:				Owner:	
Tag:				Street Name:	
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	001
Well Depth:				Concession:	06
Overburden/Bedrock:				Concession Name:	RF
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1506368.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID: 10028411				Elevation:	98.169876
DP2BR: 12				Elevrc:	
Spatial Status:				Zone:	18
Code OB: r				East83:	436360.7
Code OB Desc: Bedrock				North83:	5003532
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	5
Date Completed: 8/24/1962				UTMRC Desc:	margin of error : 100 m - 300 m
Remarks:				Location Method:	p5
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID: 931004375					
Layer: 1					
Color:					
General Color:					
Mat1: 05					
Most Common Material: CLAY					
Mat2: 13					
Mat2 Desc: BOULDERS					
Mat3:					
Mat3 Desc:					
Formation Top Depth: 0					
Formation End Depth: 12					
Formation End Depth UOM: ft					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931004376			
Layer:		2			
Color:		3			
General Color:		BLUE			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		12			
Formation End Depth:		123			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961506368			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10576981			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930049569			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		123			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930049568			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		20			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991506368			
Pump Set At:					
Static Level:		22			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Final Level After Pumping: 60 Recommended Pump Depth: 80 Pumping Rate: 7 Flowing Rate: Recommended Pump Rate: 7 Levels UOM: ft Rate UOM: GPM Water State After Test Code: 2 Water State After Test: CLOUDY Pumping Test Method: 1 Pumping Duration HR: 1 Pumping Duration MIN: 0 Flowing: No					
<u>Water Details</u>					
Water ID: 933460501 Layer: 1 Kind Code: 1 Kind: FRESH Water Found Depth: 60 Water Found Depth UOM: ft					
<u>Water Details</u>					
Water ID: 933460502 Layer: 2 Kind Code: 1 Kind: FRESH Water Found Depth: 120 Water Found Depth UOM: ft					
<u>111</u>	1 of 1	ESE/290.5	96.9 / 2.00	ON	BORE
Borehole ID: 610291 OGF ID: 215511807 Status: Type: Borehole Use: Completion Date: AUG-1962 Static Water Level: 4.0 Primary Water Use: Sec. Water Use: Total Depth m: 37.5 Depth Ref: Ground Surface Depth Elev: Drill Method: Orig Ground Elev m: 97.5 Elev Reliabil Note: DEM Ground Elev m: 98.2 Concession: Location D: Survey D: Comments:					
Inclin FLG: No SP Status: Initial Entry Surv Elev: No Piezometer: No Primary Name: Municipality: Lot: Township: Latitude DD: 45.182397 Longitude DD: -75.810023 UTM Zone: 18 Easting: 436361 Northing: 5003532 Location Accuracy: Accuracy: Not Applicable					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID: 218385191 Top Depth: 3.7 Bottom Depth: 37.5 Material Color: Blue					
Mat Consistency: Compact Material Moisture: Material Texture: Non Geo Mat Type:					

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Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
PDF URL (Map):		https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509795.pdf			
<u>Bore Hole Information</u>					
Bore Hole ID:	10031827			Elevation:	95.82946
DP2BR:	31			Elevrc:	
Spatial Status:				Zone:	18
Code OB:	r			East83:	434955.7
Code OB Desc:	Bedrock			North83:	5003847
Open Hole:				Org CS:	
Cluster Kind:				UTMRC:	4
Date Completed:	1/18/1968			UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:				Location Method:	p4
Elevrc Desc:					
Location Source Date:					
Improvement Location Source:					
Improvement Location Method:					
Source Revision Comment:					
Supplier Comment:					
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931013071				
Layer:	2				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	13				
Mat2 Desc:	BOULDERS				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	8				
Formation End Depth:	11				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931013072				
Layer:	3				
Color:					
General Color:					
Mat1:	05				
Most Common Material:	CLAY				
Mat2:	09				
Mat2 Desc:	MEDIUM SAND				
Mat3:					
Mat3 Desc:					
Formation Top Depth:	11				
Formation End Depth:	31				
Formation End Depth UOM:	ft				
<u>Overburden and Bedrock</u>					
<u>Materials Interval</u>					
Formation ID:	931013073				
Layer:	4				
Color:					
General Color:					
Mat1:	15				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		31			
Formation End Depth:		125			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931013070			
Layer:		1			
Color:					
General Color:					
Mat1:		05			
Most Common Material:		CLAY			
Mat2:					
Mat2 Desc:					
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		8			
Formation End Depth UOM:		ft			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		961509795			
Method Construction Code:		1			
Method Construction:		Cable Tool			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		10580397			
Casing No:		1			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		930056287			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		35			
Casing Diameter:		5			
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Construction Record - Casing</u>					
Casing ID:		930056288			
Layer:		2			
Material:		4			
Open Hole or Material:		OPEN HOLE			
Depth From:					
Depth To:		125			
Casing Diameter:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter UOM:		inch			
Casing Depth UOM:		ft			
<u>Results of Well Yield Testing</u>					
Pump Test ID:		991509795			
Pump Set At:					
Static Level:		8			
Final Level After Pumping:		65			
Recommended Pump Depth:		75			
Pumping Rate:		8			
Flowing Rate:					
Recommended Pump Rate:		5			
Levels UOM:		ft			
Rate UOM:		GPM			
Water State After Test Code:		2			
Water State After Test:		CLOUDY			
Pumping Test Method:		1			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:		No			
<u>Water Details</u>					
Water ID:		933464685			
Layer:		1			
Kind Code:		1			
Kind:		FRESH			
Water Found Depth:		122			
Water Found Depth UOM:		ft			
113	1 of 1	W/290.9	94.9 / 0.00	ON	BORE
Borehole ID:		610304		Inclin FLG:	No
OGF ID:		215511819		SP Status:	Initial Entry
Status:				Surv Elev:	No
Type:		Borehole		Piezometer:	No
Use:				Primary Name:	
Completion Date:		JAN-1968		Municipality:	
Static Water Level:				Lot:	
Primary Water Use:				Township:	
Sec. Water Use:				Latitude DD:	45.185105
Total Depth m:		38.1		Longitude DD:	-75.827946
Depth Ref:		Ground Surface		UTM Zone:	18
Depth Elev:				Easting:	434956
Drill Method:				Northing:	5003847
Orig Ground Elev m:		93.3		Location Accuracy:	
Elev Reliabil Note:				Accuracy:	Not Applicable
DEM Ground Elev m:		95.8			
Concession:					
Location D:					
Survey D:					
Comments:					
<u>Borehole Geology Stratum</u>					
Geology Stratum ID:		218385218		Mat Consistency:	
Top Depth:		0		Material Moisture:	
Bottom Depth:		2.4		Material Texture:	
Material Color:				Non Geo Mat Type:	
Material 1:		Clay		Geologic Formation:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: CLAY.					
Geology Stratum ID: 218385220 Top Depth: 3.4 Bottom Depth: 9.4 Material Color: Material 1: Clay Material 2: Sand Material 3: Material 4: Gsc Material Description: Stratum Description: CLAY,SAND.					
Geology Stratum ID: 218385219 Top Depth: 2.4 Bottom Depth: 3.4 Material Color: Material 1: Clay Material 2: Boulders Material 3: Material 4: Gsc Material Description: Stratum Description: CLAY,BOULDERS.					
Geology Stratum ID: 218385221 Top Depth: 9.4 Bottom Depth: 38.1 Material Color: Brown Material 1: Limestone Material 2: Material 3: Material 4: Gsc Material Description: Stratum Description: LIMESTONE. 00122MPACT. SILT,SAND,TILL. BROWN,GREY,VERY DENSE. 0000501400055092E. 000150 **Note: Many records provided by the department have a truncated [Stratum Description] field.					
Source Source Type: Data Survey Source Orig: Geological Survey of Canada Source Date: 1956-1972 Confidence: Observatio: Source Name: Urban Geology Automated Information System (UGAIS) Source Details: File: OTTAWA1.txt RecordID: 02812 NTS_Sheet: Confiden 1:					
Source Appl: Spatial/Tabular Source Iden: 1 Scale or Res: Varies Horizontal: NAD27 Verticalda: Mean Average Sea Level					
Source List Source Identifier: 1 Source Type: Data Survey Source Date: 1956-1972 Scale or Resolution: Varies Source Name: Urban Geology Automated Information System (UGAIS) Source Originators: Geological Survey of Canada					
Horizontal Datum: NAD27 Vertical Datum: Mean Average Sea Level Projection Name: Universal Transverse Mercator					
114	1 of 1	NW/291.8	93.9 / -1.00	LOT 13- CHANONHOUSE DRIVE lot 25 con 3 RICHMOND ON	WWIS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Well ID:	7139891			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	2/16/2010
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	7
Audit No:	Z101702			Owner:	
Tag:	A076840			Street Name:	LOT 13- CHANONHOUSE DRIVE
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/713\7139891.pdf

Bore Hole Information

Bore Hole ID:	1002937951	Elevation:	94.403244
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	435427
Code OB Desc:		North83:	5004590
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	8/4/2009	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock

Materials Interval

Formation ID:	1003108646
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	74
Mat2 Desc:	LAYERED
Mat3:	71
Mat3 Desc:	FRACTURED
Formation Top Depth:	4.26
Formation End Depth:	5.48
Formation End Depth UOM:	m

Overburden and Bedrock

Materials Interval

Formation ID:	1003108647
Layer:	3

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:					
Mat2 Desc:					
Mat3:		78			
Mat3 Desc:		MEDIUM-GRAINED			
Formation Top Depth:		5.48			
Formation End Depth:		37.48			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		1003108645			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		0			
Formation End Depth:		4.26			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment Sealing Record</u>					
Plug ID:		1003108650			
Layer:		1			
Plug From:		7.31			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1003108679			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:		1003108643			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1003108652			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-.45			
Depth To:		7.31			
Casing Diameter:		15.86			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1003108653			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1003108644			
Pump Set At:		18.28			
Static Level:		3.17			
Final Level After Pumping:		4.72			
Recommended Pump Depth:		18.28			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108671			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		3.21			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108677			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		4.72			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108655			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		3.93			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108674			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		4.73			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108662			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		4.45			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108659			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		3.51			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108661			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		3.47			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108656			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		4.17			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108673			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		3.19			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108665			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		3.3			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108658			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		4.31			
Test Level UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108675			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		3.17			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108668			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		4.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108667			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		3.27			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108669			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		3.24			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108663			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		3.41			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108672			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		4.69			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108666			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		4.64			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1003108664			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		4.59			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108670			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		4.68			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108660			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		4.41			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108654			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		3.91			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108657			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		3.66			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1003108676			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		4.73			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1003108651			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		34.44			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1003108648			
Diameter:		15.86			
Depth From:		0			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Depth To: 7.31 Hole Depth UOM: m Hole Diameter UOM: cm <u>Hole Diameter</u> Hole ID: 1003108649 Diameter: 15.23 Depth From: 7.31 Depth To: 37.48 Hole Depth UOM: m Hole Diameter UOM: cm					
115	1 of 1	NNE/294.3	91.9 / -3.00	lot 5 con 6 ON	WWIS
Well ID: 1516987 Construction Date: Primary Water Use: Livestock Sec. Water Use: 0 Final Well Status: Water Supply Water Type: Casing Material: Audit No: Tag: Construction Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Flowing (Y/N): Flow Rate: Clear/Cloudy: Data Entry Status: Data Src: 1 Date Received: 6/21/1979 Selected Flag: Yes Abandonment Rec: Contractor: 1505 Form Version: 1 Owner: Street Name: County: OTTAWA Municipality: NEPEAN TOWNSHIP Site Info: Lot: 005 Concession: 06 Concession Name: RF Easting NAD83: Northing NAD83: Zone: UTM Reliability: PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1516987.pdf					
<u>Bore Hole Information</u>					
Bore Hole ID: 10038873 DP2BR: 39 Spatial Status: Code OB: r Code OB Desc: Bedrock Open Hole: Cluster Kind: Date Completed: 2/8/1979 Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment: Elevation: 93.638908 Elevrc: Zone: 18 East83: 435929.7 North83: 5004921 Org CS: UTMRC: 4 UTMRC Desc: margin of error : 30 m - 100 m Location Method: p4					
<u>Overburden and Bedrock</u> <u>Materials Interval</u> Formation ID: 931033794 Layer: 4					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:		73			
Mat3 Desc:		HARD			
Formation Top Depth:		39			
Formation End Depth:		83			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931033791			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		28			
Most Common Material:		SAND			
Mat2:		77			
Mat2 Desc:		LOOSE			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		20			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931033792			
Layer:		2			
Color:		6			
General Color:		BROWN			
Mat1:		29			
Most Common Material:		FINE GRAVEL			
Mat2:		05			
Mat2 Desc:		CLAY			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		20			
Formation End Depth:		30			
Formation End Depth UOM:		ft			
<u>Overburden and Bedrock Materials Interval</u>					
Formation ID:		931033793			
Layer:		3			
Color:		6			
General Color:		BROWN			
Mat1:		29			
Most Common Material:		FINE GRAVEL			
Mat2:		79			
Mat2 Desc:		PACKED			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		30			
Formation End Depth:		39			
Formation End Depth UOM:		ft			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Method of Construction & Well Use</u>					
Method Construction ID:	961516987				
Method Construction Code:	4				
Method Construction:	Rotary (Air)				
Other Method Construction:					
<u>Pipe Information</u>					
Pipe ID:	10587443				
Casing No:	1				
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:	930068181				
Layer:	1				
Material:	1				
Open Hole or Material:	STEEL				
Depth From:					
Depth To:	40				
Casing Diameter:	6				
Casing Diameter UOM:	inch				
Casing Depth UOM:	ft				
<u>Results of Well Yield Testing</u>					
Pump Test ID:	991516987				
Pump Set At:					
Static Level:	5				
Final Level After Pumping:	35				
Recommended Pump Depth:	35				
Pumping Rate:	15				
Flowing Rate:					
Recommended Pump Rate:	15				
Levels UOM:	ft				
Rate UOM:	GPM				
Water State After Test Code:	1				
Water State After Test:	CLEAR				
Pumping Test Method:	1				
Pumping Duration HR:	1				
Pumping Duration MIN:	0				
Flowing:	No				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934901103				
Test Type:	Draw Down				
Test Duration:	60				
Test Level:	35				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934643620				
Test Type:	Draw Down				
Test Duration:	45				
Test Level:	35				
Test Level UOM:	ft				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934102533				
Test Type:	Draw Down				
Test Duration:	15				
Test Level:	35				
Test Level UOM:	ft				
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:	934382531				
Test Type:	Draw Down				
Test Duration:	30				
Test Level:	35				
Test Level UOM:	ft				
<u>Water Details</u>					
Water ID:	933473379				
Layer:	1				
Kind Code:	1				
Kind:	FRESH				
Water Found Depth:	73				
Water Found Depth UOM:	ft				
116	1 of 1	NW/299.4	94.9 / 0.00	LOT 8 RICHMOND FOREST lot 25 con 3 RICHMOND ON	WWIS
Well ID:	7112983			Data Entry Status:	
Construction Date:				Data Src:	
Primary Water Use:	Domestic			Date Received:	10/14/2008
Sec. Water Use:				Selected Flag:	Yes
Final Well Status:	Water Supply			Abandonment Rec:	
Water Type:				Contractor:	1558
Casing Material:				Form Version:	4
Audit No:	Z77389			Owner:	
Tag:	A051476			Street Name:	LOT 8 RICHMOND FOREST
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					
PDF URL (Map):	https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/711\7112983.pdf				
<u>Bore Hole Information</u>					
Bore Hole ID:	1001836003			Elevation:	94.15921
DP2BR:				Elevrc:	
Spatial Status:				Zone:	18
Code OB:				East83:	435321
Code OB Desc:				North83:	5004487
Open Hole:				Org CS:	UTM83
Cluster Kind:				UTMRC:	3
Date Completed:	7/8/2008			UTMRC Desc:	margin of error : 10 - 30 m

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Remarks: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:			Location Method: wwr		
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1001845999			
Layer:		2			
Color:					
General Color:					
Mat1:					
Most Common Material:					
Mat2:		12			
Mat2 Desc:		STONES			
Mat3:					
Mat3 Desc:					
Formation Top Depth:		4.57			
Formation End Depth:					
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1001845998			
Layer:		1			
Color:		6			
General Color:		BROWN			
Mat1:		05			
Most Common Material:		CLAY			
Mat2:		81			
Mat2 Desc:		SANDY			
Mat3:		79			
Mat3 Desc:		PACKED			
Formation Top Depth:		0			
Formation End Depth:		4.57			
Formation End Depth UOM:		m			
<u>Overburden and Bedrock</u> <u>Materials Interval</u>					
Formation ID:		1001846000			
Layer:		3			
Color:		2			
General Color:		GREY			
Mat1:		15			
Most Common Material:		LIMESTONE			
Mat2:		78			
Mat2 Desc:		MEDIUM-GRAINED			
Mat3:		73			
Mat3 Desc:		HARD			
Formation Top Depth:					
Formation End Depth:		29.86			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u> <u>Sealing Record</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID:		1001846002			
Layer:		1			
Plug From:		7.77			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well Use</u>					
Method Construction ID:		1001846031			
Method Construction Code:		4			
Method Construction:		Rotary (Air)			
Other Method Construction:		AIR PERC.			
<u>Pipe Information</u>					
Pipe ID:		1001845996			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1001846005			
Layer:					
Material:		1			
Open Hole or Material:		STEEL			
Depth From:					
Depth To:		-.45			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1001846006			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:					
Screen Diameter UOM:					
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1001845997			
Pump Set At:		22.85			
Static Level:		3.95			
Final Level After Pumping:		5.58			
Recommended Pump Depth:		22.85			
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		4			
Pumping Duration HR:		1			
Pumping Duration MIN:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Flowing:		No			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846017			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		5.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846011			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		5.35			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846018			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		4.01			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846019			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		5.51			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846007			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		4.94			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846029			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		5.58			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846021			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		5.53			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pump Test Detail ID:		1001846020			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		3.99			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846023			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		5.54			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846010			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		4.17			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846027			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		5.55			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846015			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		5.43			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846012			
Test Type:		Recovery			
Test Duration:		3			
Test Level:		4.11			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846008			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		4.36			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846016			
Test Type:		Recovery			
Test Duration:		5			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Level:		4.06			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846022			
Test Type:		Recovery			
Test Duration:		20			
Test Level:		3.98			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846013			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		5.39			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846025			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		5.54			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846026			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		3.97			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846028			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		5.56			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846009			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		5.22			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846024			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		3.97			
Test Level UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001846014			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		4.08			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1001846003			
Layer:		1			
Kind Code:		5			
Kind:		Not stated			
Water Found Depth:		12.19			
Water Found Depth UOM:		m			
<u>Water Details</u>					
Water ID:		1001846004			
Layer:		2			
Kind Code:					
Kind:					
Water Found Depth:		27.43			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1001846001			
Diameter:		15.39			
Depth From:					
Depth To:		29.86			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
117	1 of 15	W/299.9	94.9 / 0.00	CARLETON BOARD OF EDUCATION SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	GEN
Generator No:	ON0051013			PO Box No:	
Status:				Country:	
Approval Years:	92,93,97			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8511				
SIC Description:	ELEMT./SECON. EDUC.				
<u>Detail(s)</u>					
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
117	2 of 15	W/299.9	94.9 / 0.00	CARLETON BOARD OF EDUCATION 07-623 SOUTH CARLETON HIGH SCHOOL 3673	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				MCBEAN STREET RICHMOND ON K0A 2Z0	
Generator No:	ON0051013			PO Box No:	
Status:				Country:	
Approval Years:	94,95,96			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8511				
SIC Description:		ELEMT./SECON. EDUC.			
 <u>Detail(s)</u>					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
117	3 of 15	W/299.9	94.9 / 0.00	OTTAWA-CARLETON DISTRICT SCHOOL BOARD SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	GEN
Generator No:	ON0051013			PO Box No:	
Status:				Country:	
Approval Years:	98,99,00,01,02,03,04,05,06,07,08			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	8511				
SIC Description:		ELEMT./SECON. EDUC.			
 <u>Detail(s)</u>					
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		252			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
117	4 of 15	W/299.9	94.9 / 0.00	Ottawa-Carleton District School Board 3673 McBean St Ottawa ON	CA
Certificate #:		3032-7ZEJAA			
Application Year:		2010			
Issue Date:		1/8/2010			
Approval Type:		Air			
Status:		Approved			
Application Type:					
Client Name:					
Client Address:					
Client City:					
Client Postal Code:					
Project Description:					
Contaminants:					
Emission Control:					
117	5 of 15	W/299.9	94.9 / 0.00	OTTAWA-CARLETON DISTRICT SCHOOL BOARD SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON	GEN
Generator No:		ON0051013		PO Box No:	
Status:				Country:	
Approval Years:		2009		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
<u>Detail(s)</u>					
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		232			
Waste Class Desc:		POLYMERIC RESINS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
117	6 of 15	W/299.9	94.9 / 0.00	OTTAWA-CARLETON DISTRICT SCHOOL BOARD SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON	GEN
Generator No:	ON0051013			PO Box No:	
Status:				Country:	
Approval Years:	2010			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611110				
SIC Description:	Elementary and Secondary Schools				
<u>Detail(s)</u>					
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		232			
Waste Class Desc:		POLYMERIC RESINS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
117	7 of 15	W/299.9	94.9 / 0.00	OTTAWA-CARLETON DISTRICT SCHOOL BOARD SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON	GEN
Generator No:	ON0051013			PO Box No:	
Status:				Country:	
Approval Years:	2011			Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:	611110				
SIC Description:	Elementary and Secondary Schools				
 <u>Detail(s)</u>					
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		232			
Waste Class Desc:		POLYMERIC RESINS			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
117	8 of 15	W/299.9	94.9 / 0.00	OTTAWA-CARLETON DISTRICT SCHOOL BOARD SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	GEN
Generator No:		ON0051013		PO Box No:	
Status:				Country:	
Approval Years:		2012		Choice of Contact:	
Contam. Facility:				Co Admin:	
MHSW Facility:				Phone No Admin:	
SIC Code:		611110			
SIC Description:		Elementary and Secondary Schools			
<u>Detail(s)</u>					
Waste Class:		232			
Waste Class Desc:		POLYMERIC RESINS			
Waste Class:		331			
Waste Class Desc:		WASTE COMPRESSED GASES			
Waste Class:		252			
Waste Class Desc:		WASTE OILS & LUBRICANTS			
Waste Class:		145			
Waste Class Desc:		PAINT/PIGMENT/COATING RESIDUES			
Waste Class:		121			
Waste Class Desc:		ALKALINE WASTES - HEAVY METALS			
Waste Class:		264			
Waste Class Desc:		PHOTOPROCESSING WASTES			
Waste Class:		213			
Waste Class Desc:		PETROLEUM DISTILLATES			
Waste Class:		148			
Waste Class Desc:		INORGANIC LABORATORY CHEMICALS			
Waste Class:		251			
Waste Class Desc:		OIL SKIMMINGS & SLUDGES			
Waste Class:		212			
Waste Class Desc:		ALIPHATIC SOLVENTS			
Waste Class:		146			
Waste Class Desc:		OTHER SPECIFIED INORGANICS			
Waste Class:		263			
Waste Class Desc:		ORGANIC LABORATORY CHEMICALS			

117	9 of 15	W/299.9	94.9 / 0.00	OTTAWA-CARLETON DISTRICT SCHOOL BOARD SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON	GEN
Generator No: ON0051013 Status: Approval Years: 2013 Contam. Facility: MHSW Facility: SIC Code: 611110		PO Box No: Country: Choice of Contact: Co Admin: Phone No Admin:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
SIC Description:		ELEMENTARY AND SECONDARY SCHOOLS			
Detail(s)					
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
Waste Class:	267				
Waste Class Desc:	ORGANIC ACIDS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
Waste Class:	232				
Waste Class Desc:	POLYMERIC RESINS				
Waste Class:	121				
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
117	10 of 15	W/299.9	94.9 / 0.00	Ottawa-Carleton District School Board 3673 McBean St Ottawa ON K2H 6L3	ECA
Approval No:	3032-7ZEJAA			MOE District:	Ottawa
Approval Date:	2010-01-08			City:	
Status:	Approved			Longitude:	-75.82751499999999
Record Type:	ECA			Latitude:	45.187107
Link Source:	IDS			Geometry X:	
SWP Area Name:	Rideau Valley			Geometry Y:	
Approval Type:	ECA-AIR				
Project Type:	AIR				
Address:	3673 McBean St				
Full Address:					
Full PDF Link:	https://www.accessenvironment.ene.gov.on.ca/instruments/9239-7X4KJT-14.pdf				

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
117	11 of 15	W/299.9	94.9 / 0.00	OTTAWA-CARLETON DISTRICT SCHOOL BOARD SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	GEN
Generator No: ON0051013 Status: Approval Years: 2015 Contam. Facility: No MHSW Facility: No SIC Code: 611110 SIC Description: ELEMENTARY AND SECONDARY SCHOOLS PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Greg Benson Phone No Admin: 613-596-8211 Ext.8549					
<u>Detail(s)</u>					
Waste Class: 263 Waste Class Desc: ORGANIC LABORATORY CHEMICALS					
Waste Class: 213 Waste Class Desc: PETROLEUM DISTILLATES					
Waste Class: 122 Waste Class Desc: ALKALINE WASTES - OTHER METALS					
Waste Class: 267 Waste Class Desc: ORGANIC ACIDS					
Waste Class: 251 Waste Class Desc: OIL SKIMMINGS & SLUDGES					
Waste Class: 148 Waste Class Desc: INORGANIC LABORATORY CHEMICALS					
Waste Class: 264 Waste Class Desc: PHOTOPROCESSING WASTES					
Waste Class: 112 Waste Class Desc: ACID WASTE - HEAVY METALS					
Waste Class: 252 Waste Class Desc: WASTE OILS & LUBRICANTS					
Waste Class: 212 Waste Class Desc: ALIPHATIC SOLVENTS					
Waste Class: 331 Waste Class Desc: WASTE COMPRESSED GASES					
Waste Class: 121 Waste Class Desc: ALKALINE WASTES - HEAVY METALS					
Waste Class: 146 Waste Class Desc: OTHER SPECIFIED INORGANICS					
Waste Class: 232 Waste Class Desc: POLYMERIC RESINS					
Waste Class: 145 Waste Class Desc: PAINT/PIGMENT/COATING RESIDUES					
117	12 of 15	W/299.9	94.9 / 0.00	OTTAWA-CARLETON DISTRICT SCHOOL BOARD SOUTH CARLETON HIGH SCHOOL 3673	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
				MCBEAN STREET RICHMOND ON K0A 2Z0	
Generator No:	ON0051013			PO Box No:	
Status:				Country:	Canada
Approval Years:	2016			Choice of Contact:	CO_OFFICIAL
Contam. Facility:	No			Co Admin:	Greg Benson
MHSW Facility:	No			Phone No Admin:	613-596-8211 Ext.8549
SIC Code:	611110				
SIC Description:	ELEMENTARY AND SECONDARY SCHOOLS				
<u>Detail(s)</u>					
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
Waste Class:	232				
Waste Class Desc:	POLYMERIC RESINS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
Waste Class:	267				
Waste Class Desc:	ORGANIC ACIDS				
Waste Class:	121				
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
117	13 of 15	W/299.9	94.9 / 0.00	OTTAWA-CARLETON DISTRICT SCHOOL BOARD SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	GEN

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Generator No: ON0051013 Status: Approval Years: 2014 Contam. Facility: No MHSW Facility: No SIC Code: 611110 SIC Description: ELEMENTARY AND SECONDARY SCHOOLS					
PO Box No: Country: Canada Choice of Contact: CO_OFFICIAL Co Admin: Greg Benson Phone No Admin: 613-596-8211 Ext.8549					
Detail(s)					
Waste Class:	112				
Waste Class Desc:	ACID WASTE - HEAVY METALS				
Waste Class:	264				
Waste Class Desc:	PHOTOPROCESSING WASTES				
Waste Class:	146				
Waste Class Desc:	OTHER SPECIFIED INORGANICS				
Waste Class:	121				
Waste Class Desc:	ALKALINE WASTES - HEAVY METALS				
Waste Class:	251				
Waste Class Desc:	OIL SKIMMINGS & SLUDGES				
Waste Class:	148				
Waste Class Desc:	INORGANIC LABORATORY CHEMICALS				
Waste Class:	212				
Waste Class Desc:	ALIPHATIC SOLVENTS				
Waste Class:	213				
Waste Class Desc:	PETROLEUM DISTILLATES				
Waste Class:	252				
Waste Class Desc:	WASTE OILS & LUBRICANTS				
Waste Class:	267				
Waste Class Desc:	ORGANIC ACIDS				
Waste Class:	145				
Waste Class Desc:	PAINT/PIGMENT/COATING RESIDUES				
Waste Class:	232				
Waste Class Desc:	POLYMERIC RESINS				
Waste Class:	263				
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS				
Waste Class:	122				
Waste Class Desc:	ALKALINE WASTES - OTHER METALS				
Waste Class:	331				
Waste Class Desc:	WASTE COMPRESSED GASES				
117	14 of 15	W/299.9	94.9 / 0.00	OTTAWA-CARLETON DISTRICT SCHOOL BOARD Health and Safety SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	GEN
Generator No: ON0051013 Status: Registered Approval Years: As of Dec 2018					
PO Box No: Country: Canada Choice of Contact:					

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Contam. Facility: MHSW Facility: SIC Code: SIC Description:				Co Admin: Phone No Admin:	
<u>Detail(s)</u>					
Waste Class:		112 C			
Waste Class Desc:		Acid solutions - containing heavy metals			
Waste Class:		121 C			
Waste Class Desc:		Alkaline slutions - containing heavy metals			
Waste Class:		122 C			
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		145 I			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		145 L			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		145 T			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		146 T			
Waste Class Desc:		Other specified inorganic sludges, slurries or solids			
Waste Class:		148 A			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		148 B			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		148 C			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		148 I			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		148 R			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		212 B			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		212 H			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		212 I			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		213 I			
Waste Class Desc:		Petroleum distillates			
Waste Class:		232 L			
Waste Class Desc:		Polymeric resins			
Waste Class:		251 L			
Waste Class Desc:		Waste oils/sludges (petroleum based)			
Waste Class:		252 L			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		263 B			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		264 C			
Waste Class Desc:		Photoprocessing wastes			
Waste Class:		264 L			
Waste Class Desc:		Photoprocessing wastes			
Waste Class:		264 T			
Waste Class Desc:		Photoprocessing wastes			
Waste Class:		267 C			
Waste Class Desc:		Organic acids			
Waste Class:		331 I			
Waste Class Desc:		Waste compressed gases including cylinders			

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W/299.9

94.9 / 0.00

OTTAWA-CARLETON DISTRICT SCHOOL
BOARD Health and Safety
SOUTH CARLETON HIGH SCHOOL 3673
MCBEAN STREET
RICHMOND ON K0A 2Z0

GEN

Generator No: ON0051013
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No:
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 264 T
Waste Class Desc: Photoprocessing wastes

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

Waste Class: 212 B
Waste Class Desc: Aliphatic solvents and residues

Waste Class: 331 I
Waste Class Desc: Waste compressed gases including cylinders

Waste Class: 146 T
Waste Class Desc: Other specified inorganic sludges, slurries or solids

Waste Class: 145 I
Waste Class Desc: Wastes from the use of pigments, coatings and paints

Waste Class: 112 C
Waste Class Desc: Acid solutions - containing heavy metals

Waste Class: 232 L
Waste Class Desc: Polymeric resins

Waste Class: 212 I

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		148 B			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		267 C			
Waste Class Desc:		Organic acids			
Waste Class:		148 R			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		212 H			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		264 L			
Waste Class Desc:		Photoprocessing wastes			
Waste Class:		212 L			
Waste Class Desc:		Aliphatic solvents and residues			
Waste Class:		145 T			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		213 I			
Waste Class Desc:		Petroleum distillates			
Waste Class:		121 C			
Waste Class Desc:		Alkaline slutions - containing heavy metals			
Waste Class:		148 C			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		263 I			
Waste Class Desc:		Misc. waste organic chemicals			
Waste Class:		148 I			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		145 L			
Waste Class Desc:		Wastes from the use of pigments, coatings and paints			
Waste Class:		252 L			
Waste Class Desc:		Waste crankcase oils and lubricants			
Waste Class:		122 C			
Waste Class Desc:		Alkaline slutions - containing other metals and non-metals (not cyanide)			
Waste Class:		148 A			
Waste Class Desc:		Misc. wastes and inorganic chemicals			
Waste Class:		264 C			
Waste Class Desc:		Photoprocessing wastes			
Waste Class:		263 B			
Waste Class Desc:		Misc. waste organic chemicals			

118	1 of 1	NW/300.5	94.9 / 0.00	LOT 9 RICHMOND FOREST lot 25 con 3 RICHMOND ON	WWIS
Well ID:	7112965	Data Entry Status:			
Construction Date:		Data Src:			
Primary Water Use:	Domestic	Date Received: 10/14/2008			
Sec. Water Use:		Selected Flag: Yes			
Final Well Status:	Water Supply	Abandonment Rec:			
Water Type:		Contractor: 1558			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Casing Material:				Form Version:	7
Audit No:	Z84400			Owner:	
Tag:	A068276			Street Name:	LOT 9 RICHMOND FOREST
Construction Method:				County:	OTTAWA
Elevation (m):				Municipality:	GOULBOURN TOWNSHIP
Elevation Reliability:				Site Info:	
Depth to Bedrock:				Lot:	025
Well Depth:				Concession:	03
Overburden/Bedrock:				Concession Name:	CON
Pump Rate:				Easting NAD83:	
Static Water Level:				Northing NAD83:	
Flowing (Y/N):				Zone:	
Flow Rate:				UTM Reliability:	
Clear/Cloudy:					

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/711\7112965.pdf

Bore Hole Information

Bore Hole ID:	1001835834	Elevation:	94.342964
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	435333
Code OB Desc:		North83:	5004508
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	3
Date Completed:	9/16/2008	UTMRC Desc:	margin of error : 10 - 30 m
Remarks:		Location Method:	wwr
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

Formation ID:	1001938126
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	86
Mat3 Desc:	STICKY
Formation Top Depth:	0
Formation End Depth:	5.48
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

Formation ID:	1001938127
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Mat3:					
Mat3 Desc:					
Formation Top Depth:		5.48			
Formation End Depth:		37.48			
Formation End Depth UOM:		m			
<u>Annular Space/Abandonment</u>					
<u>Sealing Record</u>					
Plug ID:		1001938130			
Layer:		1			
Plug From:		8.53			
Plug To:		0			
Plug Depth UOM:		m			
<u>Method of Construction & Well</u>					
<u>Use</u>					
Method Construction ID:		1001938160			
Method Construction Code:		3			
Method Construction:		Rotary (Reverse)			
Other Method Construction:		AIR			
<u>Pipe Information</u>					
Pipe ID:		1001938124			
Casing No:		0			
Comment:					
Alt Name:					
<u>Construction Record - Casing</u>					
Casing ID:		1001938132			
Layer:		1			
Material:		1			
Open Hole or Material:		STEEL			
Depth From:		-.45			
Depth To:		8.53			
Casing Diameter:		15.86			
Casing Diameter UOM:		cm			
Casing Depth UOM:		m			
<u>Construction Record - Screen</u>					
Screen ID:		1001938133			
Layer:					
Slot:					
Screen Top Depth:					
Screen End Depth:					
Screen Material:					
Screen Depth UOM:		m			
Screen Diameter UOM:		cm			
Screen Diameter:					
<u>Results of Well Yield Testing</u>					
Pump Test ID:		1001938125			
Pump Set At:		22.85			
Static Level:		4.48			
Final Level After Pumping:		5.69			
Recommended Pump Depth:		18.288			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Pumping Rate:		54.6			
Flowing Rate:					
Recommended Pump Rate:		45.5			
Levels UOM:		m			
Rate UOM:		LPM			
Water State After Test Code:		1			
Water State After Test:		CLEAR			
Pumping Test Method:		0			
Pumping Duration HR:		1			
Pumping Duration MIN:		0			
Flowing:					
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938143			
Test Type:		Draw Down			
Test Duration:		10			
Test Level:		5.55			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938152			
Test Type:		Recovery			
Test Duration:		30			
Test Level:		4.52			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938145			
Test Type:		Draw Down			
Test Duration:		15			
Test Level:		5.6			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938150			
Test Type:		Recovery			
Test Duration:		25			
Test Level:		4.52			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938144			
Test Type:		Recovery			
Test Duration:		10			
Test Level:		4.57			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938149			
Test Type:		Draw Down			
Test Duration:		25			
Test Level:		5.64			
Test Level UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938135			
Test Type:		Recovery			
Test Duration:		1			
Test Level:		4.86			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938140			
Test Type:		Recovery			
Test Duration:		4			
Test Level:		4.62			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938138			
Test Type:		Draw Down			
Test Duration:		3			
Test Level:		5.46			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938158			
Test Type:		Recovery			
Test Duration:		60			
Test Level:		4.52			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938137			
Test Type:		Recovery			
Test Duration:		2			
Test Level:		4.7			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938153			
Test Type:		Draw Down			
Test Duration:		40			
Test Level:		5.67			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938134			
Test Type:		Draw Down			
Test Duration:		1			
Test Level:		5.23			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938148			
Test Type:		Recovery			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Test Duration:		20			
Test Level:		4.52			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938146			
Test Type:		Recovery			
Test Duration:		15			
Test Level:		4.54			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938147			
Test Type:		Draw Down			
Test Duration:		20			
Test Level:		5.62			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938141			
Test Type:		Draw Down			
Test Duration:		5			
Test Level:		5.53			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938151			
Test Type:		Draw Down			
Test Duration:		30			
Test Level:		5.56			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938157			
Test Type:		Draw Down			
Test Duration:		60			
Test Level:		5.69			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938154			
Test Type:		Recovery			
Test Duration:		40			
Test Level:		4.52			
Test Level UOM:		m			
 <u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938155			
Test Type:		Draw Down			
Test Duration:		50			
Test Level:		5.68			
Test Level UOM:		m			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938142			
Test Type:		Recovery			
Test Duration:		5			
Test Level:		4.61			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938136			
Test Type:		Draw Down			
Test Duration:		2			
Test Level:		5.39			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938139			
Test Type:		Draw Down			
Test Duration:		4			
Test Level:		5.5			
Test Level UOM:		m			
<u>Draw Down & Recovery</u>					
Pump Test Detail ID:		1001938156			
Test Type:		Recovery			
Test Duration:		50			
Test Level:		4.52			
Test Level UOM:		m			
<u>Water Details</u>					
Water ID:		1001938131			
Layer:		1			
Kind Code:		8			
Kind:		Untested			
Water Found Depth:		35.65			
Water Found Depth UOM:		m			
<u>Hole Diameter</u>					
Hole ID:		1001938128			
Diameter:		15.86			
Depth From:		0			
Depth To:		8.53			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			
<u>Hole Diameter</u>					
Hole ID:		1001938129			
Diameter:		15.23			
Depth From:		8.63			
Depth To:		37.48			
Hole Depth UOM:		m			
Hole Diameter UOM:		cm			

Unplottable Summary

Total: **24** Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
AAGR		Lot 1 Con 6	Goulbourn ON	
CA	Elizabeth Van Galder	King Street	Ottawa ON	
CA	City of Ottawa	Chanonhouse Drive	Ottawa ON	
CA		Eagleson Road	Ottawa ON	
CA	R.M. OF OTTAWA-CARLETON	EAGLESON RD., PARK & RIDE LOT	NEPEAN CITY ON	
CONV	RICHMOND NURSERY INC.		ON	
ECA	The Regional Municipality of Waterloo	Ottawa St	Ottawa ON	N2G 4J3
GEN	FirstCanada ULC	CYRVILLE RD RIGHT OF WAY 185 METERS SOUTH OF INNES ROAD	OTTAWA ON	K1B 1A9
GEN	Hydro OTTAWA LIMITED	EAGLESON RD	OTTAWA ON	K2L 2P1
GEN	KANATA HYDRO-ELECTRIC COMMISSION	BRIDLEWOOD M. S., EAGLESON ROAD PART LOT 34, CONCESSION 6	NEPEAN ON	
GEN	OTTAWA-CARLTON (OUT OF BUSINESS)	REGIONAL ROAD #5 AT STITTSVILLE VILLAGE	OTTAWA ON	
SPL	TRANSPORT TRUCK	ALONG EAGLESON RD, COVERING ROTHESAY AND FURTHER, KANATA TRANSPORT TRUCK (CARGO)	OTTAWA CITY ON	
SPL	UNKNOWN	MARLBOROUGH CREEK LOT 24, CON II	GOULBOURN TWP. ON	
WWIS		con 6	ON	
WWIS		con 6	ON	
WWIS		lot 25	ON	
WWIS		lot 25	ON	

WWIS	lot 24	ON
WWIS	lot 24 con 3	ON
WWIS	lot 24	ON
WWIS	lot 24 con 3	ON
WWIS	lot 25	ON
WWIS	lot 24	ON
WWIS	lot 25	ON

Unplottable Report

Site: *Lot 1 Con 6 Goulbourn ON* **Database:** *AAGR*

Type: Pit
Region/County: Ottawa-Carleton
Township: Goulbourn
Concession: 6
Lot: 1
Size (ha): 0.5
Landuse:
Comments:

Site: *Elizabeth Van Galder
King Street Ottawa ON* **Database:** *CA*

Certificate #: 5521-5FMJMC
Application Year: 2002
Issue Date: 11/6/2002
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *City of Ottawa
Chanonhouse Drive Ottawa ON* **Database:** *CA*

Certificate #: 5360-5Z6LZK
Application Year: 2004
Issue Date: 5/25/2004
Approval Type: Municipal and Private Sewage Works
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: *Eagleson Road Ottawa ON* **Database:** *CA*

Certificate #: 5624-4MNJCW
Application Year: 00
Issue Date: 8/1/00
Approval Type: Municipal & Private water
Status: Approved
Application Type: New Certificate of Approval

Client Name: Corporation of the Regional Municipality of Ottawa-Carleton
Client Address: 111 Lisgar Street
Client City: Ottawa
Client Postal Code: K2P 2L7
Project Description: Eagleson Road watermain extension from Bridgestone Drive to Emerald Meadows.
Contaminants:
Emission Control:

Site: **R.M. OF OTTAWA-CARLETON**
EAGLESON RD., PARK & RIDE LOT NEPEAN CITY ON

Database:
CA

Certificate #: 3-0369-95-
Application Year: 95
Issue Date: 6/7/1995
Approval Type: Municipal sewage
Status: Approved
Application Type:
Client Name:
Client Address:
Client City:
Client Postal Code:
Project Description:
Contaminants:
Emission Control:

Site: **RICHMOND NURSERY INC.**
ON

Database:
CONV

File No:
Crown Brief No: 02-0106-0005
Court Location:
Publication City:
Publication Title:
Act:
Act(s):
First Matter:
Second Matter:
Investigation 1:
Investigation 2:
Penalty Imposed:
Description: FAILURE TO COMPLY WITH CONDITIONS OF ORDER.
Background:
URL:

Location:
Region: EASTERN REGION
Ministry District: OTTAWA

Additional Details

Publication Date:
Count: 1
Act: EPA
Regulation:
Section: 186(2)
Act/Regulation/Section: EPA 186(2)
Date of Offence:
Date of Conviction:
Date Charged: 2/27/2003
Charge Disposition: FINED
Fine: \$1000
Synopsis:

Site: **The Regional Municipality of Waterloo**
Ottawa St Ottawa ON N2G 4J3

Database:
ECA

Approval No: 4888-7GEH5L
Approval Date: 2008-07-11

MOE District:
City:

Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-Municipal Drinking Water Systems
Project Type: Municipal Drinking Water Systems
Address: Ottawa St
Full Address:
Full PDF Link:

Longitude:
Latitude:
Geometry X:
Geometry Y:

Site: **FirstCanada ULC**
CYRVILLE RD RIGHT OF WAY 185 METERS SOUTH OF INNES ROAD OTTAWA ON K1B 1A9

Database:
GEN

Generator No: ON3227797
Status:
Approval Years: 07,08
Contam. Facility:
MHSW Facility:
SIC Code: 485410
SIC Description: School and Employee Bus Transportation
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 221
Waste Class Desc: LIGHT FUELS

Site: **Hydro OTTAWA LIMITED**
EAGLESON RD OTTAWA ON K2L 2P1

Database:
GEN

Generator No: ON9259460
Status:
Approval Years: 05
Contam. Facility:
MHSW Facility:
SIC Code: 221122
SIC Description: Electric Power Distribution
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 243
Waste Class Desc: PCB'S

Site: **KANATA HYDRO-ELECTRIC COMMISSION**
BRIDLEWOOD M. S., EAGLESON ROAD PART LOT 34, CONCESSION 6 NEPEAN ON

Database:
GEN

Generator No: ON0646405
Status:
Approval Years: 99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 4911
SIC Description: ELECT. POWER SYS.
PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 251
Waste Class Desc: OIL SKIMMINGS & SLUDGES

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

Database:
GEN

Generator No: ON0303102
Status:
PO Box No:
Country:

Approval Years: 98
Contam. Facility:
MHSW Facility:
SIC Code: 8351
SIC Description: EXEC./LEGIS. ADMIN.

Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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

Site: TRANSPORT TRUCK
ALONG EAGLESON RD, COVERING ROTHESAY AND FURTHER, KANATA TRANSPORT TRUCK (CARGO)
OTTAWA CITY ON

Database:
SPL

Ref No: 243359
Site No:
Incident Dt: 10/26/2002
Year:
Incident Cause: UNKNOWN
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: POSSIBLE
Nature of Impact: Multi Media Pollution
Receiving Medium: LAND, WATER
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 10/26/2002
Dt Document Closed:
Incident Reason: UNKNOWN
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: NEPEAN F/D: UKN TRUCK LEA-KING FURNACE OIL TO ROAD AND SEWER. CAUSED MVA
Contaminant Qty:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved: FIRE DEPT, WORKS, POLICE
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20107
Site Lot:
Site Conc:
Northing:
Easting:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

Site: UNKNOWN
MARLBOROUGH CREEK LOT 24, CON II GOULBOURN TWP. ON

Database:
SPL

Ref No: 57256
Site No:
Incident Dt: 9/13/1991
Year:
Incident Cause: OTHER CONTAINER LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: CONFIRMED
Nature of Impact: Surface Water Pollution
Receiving Medium: WATER
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 9/13/1991
Dt Document Closed:

Discharger Report:
Material Group:
Health/Env Conseq:
Client Type:
Sector Type:
Agency Involved:
Nearest Watercourse:
Site Address:
Site District Office:
Site Postal Code:
Site Region:
Site Municipality: 20604
Site Lot:
Site Conc:
Northing:
Easting: MOE
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:

Incident Reason: INTENTIONAL/PLANNED
Site Name:
Site County/District:
Site Geo Ref Meth:
Incident Summary: UNKNOWN LIQUID DUMPED IN CREEK FROM TRUCK
Contaminant Qty:

Source Type:

Site:
con 6 ON

Database:
[WWIS](#)

Well ID:	1527550	Data Entry Status:	
Construction Date:		Data Src:	1
Primary Water Use:	Domestic	Date Received:	12/2/1993
Sec. Water Use:		Selected Flag:	Yes
Final Well Status:	Water Supply	Abandonment Rec:	
Water Type:		Contractor:	1504
Casing Material:		Form Version:	1
Audit No:	125864	Owner:	
Tag:		Street Name:	
Construction Method:		County:	OTTAWA
Elevation (m):		Municipality:	NEPEAN TOWNSHIP
Elevation Reliability:		Site Info:	
Depth to Bedrock:		Lot:	
Well Depth:		Concession:	06
Overburden/Bedrock:		Concession Name:	RF
Pump Rate:		Easting NAD83:	
Static Water Level:		Northing NAD83:	
Flowing (Y/N):		Zone:	
Flow Rate:		UTM Reliability:	
Clear/Cloudy:			

Bore Hole Information

Bore Hole ID:	10049185	Elevation:	
DP2BR:	0	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	
Code OB Desc:	Bedrock	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	8/26/1993	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

**Overburden and Bedrock
Materials Interval**

Formation ID:	931066993
Layer:	2
Color:	7
General Color:	RED
Mat1:	21
Most Common Material:	GRANITE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	488
Formation End Depth:	518
Formation End Depth UOM:	ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931066992
Layer: 1
Color: 1
General Color: WHITE
Mat1: 18
Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 488
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961527550
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10597755
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930085898
Layer: 2
Material: 3
Open Hole or Material: CONCRETE
Depth From:
Depth To: 518
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991527550
Pump Set At:
Static Level: 0
Final Level After Pumping: 515
Recommended Pump Depth: 500
Pumping Rate: 17
Flowing Rate:
Recommended Pump Rate: 17
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1
Pumping Duration HR: 2
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934655346
Test Type:
Test Duration: 45
Test Level: 0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934903719
Test Type:
Test Duration: 60
Test Level: 0
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934111204
Test Type:
Test Duration: 15
Test Level: 263
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934386020
Test Type:
Test Duration: 30
Test Level: 33
Test Level UOM: ft

Water Details

Water ID: 933487037
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 453
Water Found Depth UOM: ft

Site:

con 6 ON

Database:
WWIS

Well ID: 1527525
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 76795
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/16/1993
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot:
Concession: 06
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID:	10049160	Elevation:	
DP2BR:	0	Elevrc:	
Spatial Status:		Zone:	18
Code OB:	r	East83:	
Code OB Desc:	Bedrock	North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/4/1993	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Overburden and Bedrock**Materials Interval**

Formation ID:	931066926
Layer:	1
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	74
Mat2 Desc:	LAYERED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	103
Formation End Depth UOM:	ft

Method of Construction & Well**Use**

Method Construction ID:	961527525
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10597730
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930085853
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	25
Casing Diameter:	6
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Construction Record - Casing

Casing ID: 930085854
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 103
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991527525
Pump Set At:
Static Level: 15
Final Level After Pumping: 80
Recommended Pump Depth: 80
Pumping Rate: 12
Flowing Rate:
Recommended Pump Rate: 10
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934385574
Test Type: Recovery
Test Duration: 30
Test Level: 16
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934110759
Test Type: Recovery
Test Duration: 15
Test Level: 19
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934655321
Test Type: Recovery
Test Duration: 45
Test Level: 15
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934903694
Test Type: Recovery
Test Duration: 60
Test Level: 15
Test Level UOM: ft

Water Details

Water ID: 933487004

Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 80
Water Found Depth UOM: ft

Water Details

Water ID: 933487005
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 97
Water Found Depth UOM: ft

Site:
lot 25 ON

Database:
[WWIS](#)

Well ID: 1525383
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 100018
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 5/29/1991
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 025
Concession:
Concession Name: RF
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047121
DP2BR: 52
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 3/11/1991
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock Materials Interval

Formation ID: 931060971
Layer: 5
Color: 2
General Color: GREY
Mat1: 18
Most Common Material: SANDSTONE

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 120
Formation End Depth: 175
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931060968
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 86
Mat2 Desc: STICKY
Mat3:
Mat3 Desc:
Formation Top Depth: 8
Formation End Depth: 43
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931060967
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 68
Mat2 Desc: DRY
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 8
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931060970
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 52
Formation End Depth: 120
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931060969
Layer: 3
Color: 2

General Color: GREY
Mat1: 28
Most Common Material: SAND
Mat2: 91
Mat2 Desc: WATER-BEARING
Mat3:
Mat3 Desc:
Formation Top Depth: 43
Formation End Depth: 52
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961525383
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10595691
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082495
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 175
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930082494
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 54
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525383
Pump Set At:
Static Level: 20
Final Level After Pumping: 60
Recommended Pump Depth: 75
Pumping Rate: 6
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 1

Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934648157
Test Type: Draw Down
Test Duration: 45
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934387617
Test Type: Draw Down
Test Duration: 30
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934905756
Test Type: Draw Down
Test Duration: 60
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934112212
Test Type: Draw Down
Test Duration: 15
Test Level: 60
Test Level UOM: ft

Water Details

Water ID: 933484357
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 165
Water Found Depth UOM: ft

Site:
lot 25 ON

Database:
[WWIS](#)

Well ID: 1528551
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 137549
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:

Data Entry Status:
Data Src: 1
Date Received: 7/17/1995
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 025
Concession:
Concession Name:
Easting NAD83:

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

Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10050087
DP2BR: 71
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 6/20/1995
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

**Overburden and Bedrock
Materials Interval**

Formation ID: 931070013
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 71
Mat2 Desc: FRACTURED
Mat3:
Mat3 Desc:
Formation Top Depth: 71
Formation End Depth: 83
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931070012
Layer: 1
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 02
Mat2 Desc: TOPSOIL
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 71
Formation End Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961528551
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10598657
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930087550
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 83
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930087549
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 74
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991528551
Pump Set At:
Static Level: 48
Final Level After Pumping: 70
Recommended Pump Depth: 70
Pumping Rate: 15
Flowing Rate:
Recommended Pump Rate: 12
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934388346
Test Type: Recovery
Test Duration: 30
Test Level: 48
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934648862
Test Type: Recovery
Test Duration: 45
Test Level: 48
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906465
Test Type: Recovery
Test Duration: 60
Test Level: 48
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934104721
Test Type: Recovery
Test Duration: 15
Test Level: 51
Test Level UOM: ft

Water Details

Water ID: 933488281
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 76
Water Found Depth UOM: ft

Site:

lot 24 ON

Database:
[WWIS](#)

Well ID: 1530330
Construction Date:
Primary Water Use: Livestock
Sec. Water Use:
Final Well Status: Observation Wells
Water Type:
Casing Material:
Audit No: 194783
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 12/8/1998
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot: 024
Concession:
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10051865
DP2BR: 11
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 11/6/1998
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:

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

Source Revision Comment:
Supplier Comment:

**Overburden and Bedrock
Materials Interval**

Formation ID: 931075174
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 11
Formation End Depth: 90
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931075173
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 02
Mat2 Desc: TOPSOIL
Mat3: 12
Mat3 Desc: STONES
Formation Top Depth: 0
Formation End Depth: 11
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933115464
Layer: 1
Plug From: 4
Plug To: 27
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961530330
Method Construction Code: 2
Method Construction: Rotary (Convent.)
Other Method Construction:

Pipe Information

Pipe ID: 10600435
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930090412

Layer: 2
Material: 5
Open Hole or Material: PLASTIC
Depth From:
Depth To: 90
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930090411
Layer: 1
Material: 2
Open Hole or Material: GALVANIZED
Depth From:
Depth To: 27
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991530330
Pump Set At:
Static Level: 17
Final Level After Pumping: 25
Recommended Pump Depth: 70
Pumping Rate: 15
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN:
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934393317
Test Type: Draw Down
Test Duration: 30
Test Level: 25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934118329
Test Type: Draw Down
Test Duration: 15
Test Level: 23
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934662467
Test Type: Draw Down
Test Duration: 45
Test Level: 25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934911011
Test Type: Draw Down
Test Duration: 60
Test Level: 25
Test Level UOM: ft

Water Details

Water ID: 933490423
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 74
Water Found Depth UOM: ft

Water Details

Water ID: 933490424
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 86
Water Found Depth UOM: ft

Site:

lot 24 con 3 ON

Database:
[WWIS](#)

Well ID: 1533793
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 257304
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 6/19/2003
Selected Flag: Yes
Abandonment Rec:
Contractor: 1414
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 024
Concession: 03
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10537627
DP2BR: 41
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 6/5/2003
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:

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

Supplier Comment:

Overburden and Bedrock
Materials Interval

Formation ID: 932905761
Layer: 4
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 26
Mat2 Desc: ROCK
Mat3: 71
Mat3 Desc: FRACTURED
Formation Top Depth: 41
Formation End Depth: 83
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932905760
Layer: 3
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 13
Mat3 Desc: BOULDERS
Formation Top Depth: 32
Formation End Depth: 41
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932905758
Layer: 1
Color: 6
General Color: BROWN
Mat1: 28
Most Common Material: SAND
Mat2: 13
Mat2 Desc: BOULDERS
Mat3: 79
Mat3 Desc: PACKED
Formation Top Depth: 0
Formation End Depth: 10
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 932905759
Layer: 2
Color: 2
General Color: GREY
Mat1: 11
Most Common Material: GRAVEL
Mat2: 28
Mat2 Desc: SAND
Mat3: 13

Mat3 Desc: BOULDERS
Formation Top Depth: 10
Formation End Depth: 32
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933236325
Layer: 1
Plug From: 0
Plug To: 48
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961533793
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 11086197
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930097643
Layer: 1
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 48
Casing Diameter: 8
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930097645
Layer: 3
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 83
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930097644
Layer: 2
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 48
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991533793
Pump Set At:
Static Level: 8
Final Level After Pumping: 83
Recommended Pump Depth: 50
Pumping Rate: 50
Flowing Rate:
Recommended Pump Rate: 10
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934913553
Test Type: Recovery
Test Duration: 60
Test Level: 8
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934665426
Test Type: Recovery
Test Duration: 45
Test Level: 8
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934396146
Test Type: Recovery
Test Duration: 30
Test Level: 8
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934121293
Test Type: Recovery
Test Duration: 15
Test Level: 8
Test Level UOM: ft

Water Details

Water ID: 934031149
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 70
Water Found Depth UOM: ft

Site:

lot 24 ON

Database:
[WWIS](#)

Well ID: 1534384
Construction Date:
Primary Water Use: Not Used
Sec. Water Use:
Final Well Status: Abandoned-Other
Water Type:
Casing Material:
Audit No: 265843
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 12/16/2003
Selected Flag: Yes
Abandonment Rec:
Contractor: 6907
Form Version: 2
Owner:
Street Name:
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 024
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 11097434
DP2BR:
Spatial Status:
Code OB: —
Code OB Desc: No formation data
Open Hole:
Cluster Kind:
Date Completed: 11/22/2003
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Method of Construction & Well Use

Method Construction ID: 961534384
Method Construction Code: B
Method Construction: Other Method
Other Method Construction:

Pipe Information

Pipe ID: 11101149
Casing No: 1
Comment:
Alt Name:

Site:
lot 24 con 3 ON

Database:
WWIS

Well ID: 1536945
Construction Date:
Primary Water Use:
Sec. Water Use:
Final Well Status: Abandoned-Quality
Water Type:
Casing Material:
Audit No: 142240

Data Entry Status:
Data Src:
Date Received: 4/13/1994
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:

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

Street Name:
County: OTTAWA
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot: 024
Concession: 03
Concession Name: CON
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 1007454715
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 2/10/1994
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Site:
lot 25 ON

Database:
[WWIS](#)

Well ID: 1525674
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 92040
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 10/21/1991
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot: 025
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047409
DP2BR: 0
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 7/29/1991
Remarks:

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

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

Overburden and Bedrock
Materials Interval

Formation ID: 931061988
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 2
Formation End Depth: 223
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931061987
Layer: 1
Color: 2
General Color: GREY
Mat1: 17
Most Common Material: SHALE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 2
Formation End Depth UOM: ft

Method of Construction & Well
Use

Method Construction ID: 961525674
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10595979
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930082986
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 223
Casing Diameter: 6

Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930082985
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525674
Pump Set At:
Static Level: 45
Final Level After Pumping: 210
Recommended Pump Depth: 210
Pumping Rate: 5
Flowing Rate:
Recommended Pump Rate: 5
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934388708
Test Type:
Test Duration: 30
Test Level: 210
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105049
Test Type:
Test Duration: 15
Test Level: 210
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649246
Test Type:
Test Duration: 45
Test Level: 210
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934906426
Test Type:
Test Duration: 60
Test Level: 210

Test Level UOM: ft

Water Details

Water ID: 933484726
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 120
Water Found Depth UOM: ft

Water Details

Water ID: 933484727
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 218
Water Found Depth UOM: ft

Site:

lot 24 ON

Database:
[WWIS](#)

Well ID: 1525842
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 91579
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 11/22/1991
Selected Flag: Yes
Abandonment Rec:
Contractor: 3749
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot: 024
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10047577
DP2BR: 6
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 10/9/1991
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock

Materials Interval

Formation ID: 931062450
Layer: 1
Color: 6
General Color: BROWN
Mat1: 14
Most Common Material: HARDPAN
Mat2: 79
Mat2 Desc: PACKED
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 6
Formation End Depth UOM: ft

**Overburden and Bedrock
Materials Interval**

Formation ID: 931062451
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 73
Mat2 Desc: HARD
Mat3: 78
Mat3 Desc: MEDIUM-GRAINED
Formation Top Depth: 6
Formation End Depth: 150
Formation End Depth UOM: ft

**Annular Space/Abandonment
Sealing Record**

Plug ID: 933111393
Layer: 1
Plug From: 4
Plug To: 22
Plug Depth UOM: ft

**Method of Construction & Well
Use**

Method Construction ID: 961525842
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10596147
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930083287
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 22
Casing Diameter: 6
Casing Diameter UOM: inch

Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991525842
Pump Set At:
Static Level: 42
Final Level After Pumping: 125
Recommended Pump Depth: 142
Pumping Rate: 6
Flowing Rate:
Recommended Pump Rate: 6
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 1
Water State After Test: CLEAR
Pumping Test Method: 2
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934649814
Test Type: Draw Down
Test Duration: 45
Test Level: 125
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934105627
Test Type: Draw Down
Test Duration: 15
Test Level: 86
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934389284
Test Type: Draw Down
Test Duration: 30
Test Level: 118
Test Level UOM: ft

Water Details

Water ID: 933484965
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 145
Water Found Depth UOM: ft

Water Details

Water ID: 933484964
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 81
Water Found Depth UOM: ft

Site:

lot 25 ON

Database:

WWIS

Well ID: 1523747
Construction Date:
Primary Water Use: Industrial
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 49862
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:
Overburden/Bedrock:
Pump Rate:
Static Water Level:
Flowing (Y/N):
Flow Rate:
Clear/Cloudy:

Data Entry Status:
Data Src: 1
Date Received: 8/4/1989
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: OTTAWA CITY
Site Info:
Lot: 025
Concession:
Concession Name:
Easting NAD83:
Northing NAD83:
Zone:
UTM Reliability:

Bore Hole Information

Bore Hole ID: 10045521
DP2BR: 32
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 6/12/1989
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

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

Overburden and Bedrock
Materials Interval

Formation ID: 931055593
Layer: 2
Color: 2
General Color: GREY
Mat1: 15
Most Common Material: LIMESTONE
Mat2: 82
Mat2 Desc: SHALY
Mat3:
Mat3 Desc:
Formation Top Depth: 32
Formation End Depth: 250
Formation End Depth UOM: ft

Overburden and Bedrock
Materials Interval

Formation ID: 931055592
Layer: 1
Color: 2
General Color: GREY

Mat1: 05
Most Common Material: CLAY
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 32
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961523747
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10594091
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930079668
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 250
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

Casing ID: 930079667
Layer: 1
Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To: 36
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

Pump Test ID: 991523747
Pump Set At:
Static Level: 19
Final Level After Pumping: 100
Recommended Pump Depth: 100
Pumping Rate: 14
Flowing Rate:
Recommended Pump Rate: 14
Levels UOM: ft
Rate UOM: GPM
Water State After Test Code: 2
Water State After Test: CLOUDY
Pumping Test Method: 1
Pumping Duration HR: 1

Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934106105
Test Type:
Test Duration: 15
Test Level: 100
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390332
Test Type:
Test Duration: 30
Test Level: 100
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934651310
Test Type:
Test Duration: 45
Test Level: 100
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934908516
Test Type:
Test Duration: 60
Test Level: 100
Test Level UOM: ft

Water Details

Water ID: 933482122
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 60
Water Found Depth UOM: ft

Water Details

Water ID: 933482123
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 225
Water Found Depth UOM: ft

Appendix: Database Descriptions

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

Abandoned Aggregate Inventory:

Provincial

[AAGR](#)

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

Government Publication Date: Sept 2002*

Aggregate Inventory:

Provincial

[AGR](#)

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

Government Publication Date: Up to Sep 2020

Abandoned Mine Information System:

Provincial

[AMIS](#)

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

Government Publication Date: 1800-Oct 2018

Anderson's Waste Disposal Sites:

Private

[ANDR](#)

The information provided in this database was collected by examining various historical documents which aimed to characterize the likely position of former waste disposal sites from 1860 to present. The research initiative behind the creation of this database was to identify those sites that are missing from the Ontario MOE Waste Disposal Site Inventory, as well as to provide revisions and corrections to the positions and descriptions of sites currently listed in the MOE inventory. In addition to historic waste disposal facilities, the database also identifies certain auto wreckers and scrap yards that have been extrapolated from documentary sources. Please note that the data is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

Government Publication Date: 1860s-Present

Aboveground Storage Tanks:

Provincial

[AST](#)

Historical listing of aboveground storage tanks made available by the Department of Natural Resources and Forestry. Includes tanks used to hold water or petroleum. This dataset has been retired as of September 25, 2014 and will no longer be updated.

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

Private

[AUWR](#)

This database provides an inventory of known locations that are involved in the scrap metal, automobile wrecking/recycling, and automobile parts & supplies industry. Information is provided on the company name, location and business type.

Government Publication Date: 1999-Jun 30, 2020

Borehole:

Provincial

[BORE](#)

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

Government Publication Date: 1875-Jul 2018

Certificates of Approval:Provincial [CA](#)

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

Government Publication Date: 1985-Oct 30, 2011*

Dry Cleaning Facilities:Federal [CDRY](#)

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

Environment and Climate Change Canada cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: Jan 2004-Dec 2017

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

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

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

Government Publication Date: Jul 31, 2020

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

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

Government Publication Date: 1999-Jan 31, 2020

Chemical Register:Private [CHM](#)

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

Government Publication Date: 1999-Jun 30, 2020

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

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

Government Publication Date: Dec 2012 - Sep 2020

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

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

Government Publication Date: Apr 1987 and Nov 1988*

Compliance and Convictions:Provincial [CONV](#)

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

Government Publication Date: 1989-Dec 2019

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

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

Government Publication Date: 1994-Oct 31, 2020

Drill Hole Database:

Provincial

[DRL](#)

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

Government Publication Date: 1886 - Sep 2020

Delisted Fuel Tanks:

Provincial

[DTNK](#)

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

Government Publication Date: Jul 31, 2020

Environmental Activity and Sector Registry:

Provincial

[EASR](#)

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

Government Publication Date: Oct 2011-Nov 30, 2020

Environmental Registry:

Provincial

[EBR](#)

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

Government Publication Date: 1994-Oct 31, 2020

Environmental Compliance Approval:

Provincial

[ECA](#)

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

Government Publication Date: Oct 2011-Nov 30, 2020

Environmental Effects Monitoring:

Federal

[EEM](#)

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

Government Publication Date: 1992-2007*

ERIS Historical Searches:

Private

[EHS](#)

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

Government Publication Date: 1999-Oct 31, 2020

Environmental Issues Inventory System:

Federal

[EIIS](#)

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

Government Publication Date: 1992-2001*

Emergency Management Historical Event:

Provincial

EMHE

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

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report:

Provincial

EPAR

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

Government Publication Date: Jan 1, 2011 - Dec 31, 2019

List of Expired Fuels Safety Facilities:

Provincial

EXP

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

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

Government Publication Date: Jul 31, 2020

Federal Convictions:

Federal

FCON

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

Government Publication Date: 1988-Jun 2007*

Contaminated Sites on Federal Land:

Federal

FCS

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

Government Publication Date: Jun 2000-Sep 2020

Fisheries & Oceans Fuel Tanks:

Federal

FOFT

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

Government Publication Date: 1964-Sep 2019

Federal Identification Registry for Storage Tank Systems (FIRSTS):

Federal

FRST

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

Government Publication Date: May 31, 2018

Fuel Storage Tank:

Provincial

FST

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

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

Government Publication Date: Jul 31, 2020

Fuel Storage Tank - Historic:

Provincial

FSTH

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

Government Publication Date: Pre-Jan 2010*

Ontario Regulation 347 Waste Generators Summary:

Provincial

GEN

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

Government Publication Date: 1986-Jul 31, 2020

Greenhouse Gas Emissions from Large Facilities:

Federal

GHG

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

Government Publication Date: 2013-Dec 2018

TSSA Historic Incidents:

Provincial

HINC

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

Government Publication Date: 2006-June 2009*

Indian & Northern Affairs Fuel Tanks:

Federal

IAFT

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

Government Publication Date: 1950-Aug 2003*

Fuel Oil Spills and Leaks:

Provincial

INC

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

Government Publication Date: Jul 31, 2020

Landfill Inventory Management Ontario:

Provincial

LIMO

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

Government Publication Date: Feb 28, 2019

Canadian Mine Locations:

Private

MINE

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

Government Publication Date: 1998-2009*

Mineral Occurrences:

Provincial

MNR

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

Government Publication Date: 1846-Jan 2020

National Analysis of Trends in Emergencies System (NATES):

Federal

NATE

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

Government Publication Date: 1974-1994*

Non-Compliance Reports:

Provincial

NCPL

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

Government Publication Date: Dec 31, 2018

National Defense & Canadian Forces Fuel Tanks:

Federal

NDFT

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

Government Publication Date: Up to May 2001*

National Defense & Canadian Forces Spills:

Federal

NDSP

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

Government Publication Date: Mar 1999-Apr 2018

National Defence & Canadian Forces Waste Disposal Sites:

Federal

NDWD

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

Government Publication Date: 2001-Apr 2007*

National Energy Board Pipeline Incidents:

Federal

NEBI

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

Government Publication Date: 2008-Sep 30, 2020

National Energy Board Wells:

Federal

NEBP

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

Government Publication Date: 1920-Feb 2003*

National Environmental Emergencies System (NEES):

Federal

NEES

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

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

Federal

NPCB

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

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

Federal

NPRI

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

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

Private

OGWE

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

Government Publication Date: 1988-Aug 31, 2020**Ontario Oil and Gas Wells:**

Provincial

OOGW

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

Government Publication Date: 1800-Jun 2020**Inventory of PCB Storage Sites:**

Provincial

OPCB

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

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

Provincial

ORD

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

Government Publication Date: 1994-Oct 31, 2020**Canadian Pulp and Paper:**

Private

PAP

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

Government Publication Date: 1999, 2002, 2004, 2005, 2009-2014**Parks Canada Fuel Storage Tanks:**

Federal

PCFT

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

Government Publication Date: 1920-Jan 2005*

Pesticide Register:

Provincial PES

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

Government Publication Date: Oct 2011-Nov 30, 2020

Pipeline Incidents:

Provincial PINC

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

Government Publication Date: Oct 31, 2020

Private and Retail Fuel Storage Tanks:

Provincial PRT

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

Government Publication Date: 1989-1996*

Permit to Take Water:

Provincial PTTW

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

Government Publication Date: 1994-Oct 31, 2020

Ontario Regulation 347 Waste Receivers Summary:

Provincial REC

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

Government Publication Date: 1986-2016

Record of Site Condition:

Provincial RSC

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

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

Government Publication Date: 1997-Sept 2001, Oct 2004-Sep 2020

Retail Fuel Storage Tanks:

Private RST

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

Government Publication Date: 1999-Jun 30, 2020

Scott's Manufacturing Directory:

Private SCT

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

Government Publication Date: 1992-Mar 2011*

Ontario Spills:

Provincial SPL

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

The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Nov 2019

Wastewater Discharger Registration Database:

Provincial

SRDS

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

Government Publication Date: 1990-Dec 31, 2017

Anderson's Storage Tanks:

Private

TANK

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

Government Publication Date: 1915-1953*

Transport Canada Fuel Storage Tanks:

Federal

TCFT

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

Government Publication Date: 1970-Aug 2019

Variances for Abandonment of Underground Storage Tanks:

Provincial

VAR

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

Records are not verified for accuracy or completeness.

Government Publication Date: Jul 31, 2020

Waste Disposal Sites - MOE CA Inventory:

Provincial

WDS

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

Government Publication Date: Oct 2011-Nov 30, 2020

Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

Provincial

WDSH

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

Government Publication Date: Up to Oct 1990*

Water Well Information System:

Provincial

WWIS

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

Government Publication Date: Apr 30, 2020

Definitions

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

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

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

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

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

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

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

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

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

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

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

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

APPENDIX 3

QUALIFICATIONS OF ASSESSORS



PATERSON GROUP

solution oriented engineering

Nick Sullivan, B.Sc.

Intermediate Environmental Technical Specialist

Nick joined Paterson Group in September 2018 as part of the Environmental Department. Nick received his Bachelor of Science Degree from McMaster University in 2016, specializing in Earth & Environmental Science. Following graduation, Nick received a post-graduate certificate from Niagara College in 2017, specializing in Environmental Management & Assessment. Since joining Paterson Group in 2018, Nick has worked on numerous residential and commercial development projects, predominantly within the National Capital Region as well as various locations within Southeastern Ontario. His scope of work consists of conducting Phase I & II environmental site assessments, field inspections, contaminated soil and groundwater field sampling, supervising the remediation of contaminated sites, as well as performing designated substance surveys, air quality assessments, and radon gas measurements.

EDUCATION

Bachelor of Science in Earth & Environmental Science, 2016

McMaster University, Hamilton, ON

Post-Graduate Certificate in Environmental Management & Assessment, 2017

Niagara College, Niagara-on-the Lake, ON

YEARS OF EXPERIENCE

With Paterson: 6

OFFICE LOCATION

9 Auriga Drive, Ottawa, Ontario, K2E 7T9

SELECT LIST OF PROJECTS

- Caivan Communities: The Ridge, Ottawa, ON (Site Remediation Coordinator & Supervisor)
- Residential High-Rise Development: 851 Richmond Road, Ottawa, ON (Site Remediation Coordinator & Supervisor)
- National Capital Business Park: 4055 & 4120 Russell Road, Ottawa, ON (Phase I & II Environmental Site Assessment)
- Residential High-Rise Development: 125 Hickory Street, Ottawa, ON (Phase I & II Environmental Site Assessment)
- Low-Rise Residential Development: 101 Pinhey Street, Ottawa, ON (Site Remediation Coordinator & Supervisor)
- High-Rise Residential Development: 2070 Scott Street, Ottawa, ON (Phase I & II Environmental Site Assessment)
- Commercial Office to Residential Conversion: 360 Laurier Avenue West, Ottawa, ON (Phase I & II Environmental Site Assessment)
- Kanata West Business Park, Ottawa, ON (Phase I Environmental Site Assessment)

PROFESSIONAL EXPERIENCE

2018 to present, **Intermediate Environmental Technical Specialist, Paterson Group, Ottawa, Ontario**

- Conducting Phase I and Phase II Environmental Site Assessments in accordance with CSA standards and O.Reg. 153/04.
- Responsible for the application of environmental, hydrogeological, and/or geotechnical principles and practices in the identification and delineation of soil and groundwater contamination plumes while ensuring compliance with federal, provincial, and/or municipal legal and regulatory requirements.
- Presenting analytical test results, interpretations, assessments, recommendations and/or conclusions in a final technical report.
- Field experience in the supervision of drilling and excavation contractors, inspection of aboveground and underground fuel storage tanks, soil and rock classification, soil and groundwater field sampling, as well as the collection of hazardous building materials and designated substances, air quality assessments, and radon gas measurements.
- Coordination and on-site supervision of soil and groundwater remediation activities for contaminated sites.
- Liaising with clients, contractors, consultants, and government officials.
- Coordination of contractors and field staff while directly reporting to senior management and client to ensure completion of project on schedule and within budget;
- Manage excavation contractors to ensure soil quality control; daily reporting to project manager;
- Present analytical test results, interpretations, assessments, recommendation and/or conclusions in a final technical report as well as verbal and written communication with clients.



PATERSON GROUP

solution oriented engineering



Mark S. D'Arcy, P.Eng., QP_{ESA} **Director – Environmental Division**

After receiving his Bachelors of Applied Science from Queen's University in 1991 in Geological Engineering, Mark joined Paterson Group Inc. During the first 10 years of Mark's career, he was heavily involved in all aspects of field work, including drilling boreholes, excavating test pits, conducting phase I site inspections, environmental sampling and analysis and inspection of environmental remediations. During Mark's field experience, he gained invaluable field and office experience, which would prepare Mark to become the Environmental Division Manager. Mark's field experience ranges from Phase I Environmental Site Assessments (ESAs) to on-site soil and groundwater remediations, as well as, environmental/geotechnical borehole investigations. Mark's field experience has provided extensive knowledge of subsurface conditions, contractor relations and project management. These skills would provide Mark with the ability to understand a variety of situations, which has lead Paterson to an extremely successful Environmental Department. Mark became the Environmental Manager in 2006, which consisted of two engineers and two field technicians. Mark has been an integral part in growing the Environmental Division, which now consists of nine engineers and three field technicians. Mark is the Senior Project Manager for a wide variety of environmental projects within the Eastern Ontario area including Phase I ESAs, Phase II ESAs, remediations for filing Records of Site Condition in the Ontario Ministry of the Environment and Climate Change (MOECC) Environmental Site Registry, Brownfield Applications and Landfill Monitoring Programs. As the Senior Project Manager, Mark is responsible for directing project personnel, final report review and overall project success. Mark has proven leadership and ability to manage small to large scale projects within the allotted time and budget.

EDUCATION

B.A.Sc. 1991, Geological Engineering, Queen's University, Kingston, ON

LICENCE/PROFESSIONAL AFFILIATIONS

Professional Engineers of Ontario

ESA Qualified Person with MECP

Ontario Society of Professional Engineers

Consulting Engineers of Ontario

YEARS OF EXPERIENCE

With Paterson: 33

OFFICE LOCATION

9 Auriga Drive, Ottawa, Ontario, K2E 7T9

SELECT LIST OF PROJECTS

- 222 Beechwood Avenue, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- 409 MacKay Street, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- Art's Court Redevelopment, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- Visitor Welcome Centre, Phase II and Phase III, Parliament Hill, Ottawa, Ontario (Senior Project Manager for Environmental Remediation)
- Mattawa Landfill, Mattawa, Ontario (Senior Project Manager, Annual Water Quality Monitoring report)
- Multi-Phase Redevelopment of the Ottawa Train Yards, Ottawa, Ontario (Senior Project Manager)
- Rideau Centre Expansion, Ottawa, Ontario (Senior Project Manager for Phase I ESA, Phase II ESA, Phase III ESA, Environmental Remediation)
- 26 Stanley Avenue, Ottawa, Ontario, Phase I ESA, Phase II ESA (Senior Project Manager)
- Monitoring Landfills for River Valley, Kipling and Lavigne (Senior Project Manager)
- Block D Lands – Brownfields Project - Kingston

PROFESSIONAL EXPERIENCE

2001 to present, Manager of Environmental Division, Paterson Group Inc., Ottawa, Ontario

- Manage all aspects of the environmental division (management of personnel, budgeting, invoicing, scheduling, business development, reporting, marketing, and fieldwork).
- Review day to day operations within the environmental division.
- Design, perform, and lead Phase I, II and Phase III ESAs, Remediation's, Brownfield Applications and Record of Site conditions, fieldwork surveys, excavation, monitoring, laboratory analysis, and interpretation.
- Write, present, and publish reports with methodology and laboratory analysis results, along with recommendations for environmental findings.
- Responsible for ensuring projects meet Ministry of Environment and Climate Change Standards and Guidelines.
- Building and fostering relationships with clients, stakeholders, and Ministry officials.
- Supervise and continuous training of staff in environmental methods (environmental sampling techniques, technical expertise and guidance).
- Applied due diligence in ensuring the health and safety of staff and the public in field locations.

1991 to 2001, Geotechnical and Environmental Engineer, Paterson Group Inc., Ottawa, Ontario

- Provide on-site geotechnical and environmental expertise to various clients.
- Oversee geotechnical and environmental investigations for drilling and test pitting on numerous proposed utility installations, residential and commercial developments.
- Problem solving to help advance or maintain project schedules.
- Complete environmental reports with recommendations to meet environmental standards set by MOE and CCME standards.
- Conduct site inspections, bearing medium evaluations, bearing surface inspections, concrete testing and field density testing.
- Liaising with contractors, consultants and government officials.
- Provide cost estimates for geotechnical and environmental field programs and construction costs.
- Review RFI's, submittals, monthly progress reports and other various construction related work.