Geotechnical Engineering

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Building Science

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Phase I Environmental Site Assessment

Vacant Land – Eagleson Road
Ottawa (Richmond), Ontario

Prepared For

Taggart Group of Companies

January 4, 2021

Report: PE4079-1R

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EXECUTIVE SUMMARY

Assessment

Paterson Group was retained by Taggart to conduct a Phase I – Environmental Site Assessment (Phase I ESA) of a large parcel of vacant land, in the City of Ottawa (Richmond), Ontario. The purpose of this Phase I ESA was to research the past and current use of the subject site and study area as well as to identify any environmental concerns with the potential to have impacted the subject site.

According to the historical research, the subject site has never been formally developed, and has been partially utilized for agricultural purposes since at least 1950. No environmental concerns were identified with respect to the historical use of the subject site.

The neighbouring lands within the Phase I study area have historically consisted of agricultural lands, or have been developed for residential, commercial, and institutional purposes. Several off-site PCAs were identified within the Phase I study area but were deemed not to be of any environmental concern to the subject site based on their separation distances as well as their down-gradient or cross-gradient orientation.

Following the historical review, a site inspection was conducted to assess the present-day conditions of the subject site. The subject site is currently vacant and partially used for agricultural purposes. No environmental concerns were identified with respect to the current use of the subject site.

The neighbouring lands were observed to consist of agricultural, residential, commercial, and institutional properties. Several off-site PCAs were identified within the Phase I study area but were deemed not to be of any environmental concern to the subject site based on their separation distances as well as their down-gradient or cross-gradient orientation.

Conclusion

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

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) of 100 acres of vacant land near Ottawa Street and Eagleson Road, in the City of Ottawa (Richmond), Ontario. The purpose of this Phase I ESA was to research the past and current use of the site and study area and to identify any environmental concerns with the potential to have impacted the subject property.

Paterson was engaged to conduct this Phase I ESA by Ted Phillips of Taggart. Taggart's offices are located at 225 Metcalfe Street, Suite 708. Mr. Phillips can be reached by phone at 613-521-3000.

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

This Phase I ESA report has been prepared in general accordance with the requirements of Ontario Regulation 153/04 as amended by O.Reg. 269/11 (Environmental Protection Act), and also complies with the requirements of CSA Z768-01. 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 and 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.

2.0 PHASE I PROPERTY INFORMATION

Address:	No Municipal Address.
Legal Description:	Part of Lot 24 and 25, Concession 2, Township of Goulbourn, now in the City of Ottawa.
Property Identification Number (PIN):	03934-0023, 03934-0114, 03934-0031, and 03934-0036.
Location:	The subject site is located on the west side of Eagleson Road and south of Ottawa Street, in the Village of Richmond (Ottawa), Ontario.
Latitude and Longitude:	45° 11' 9.83" N, 75° 49' 3.59" W;
Site Description:	
Configuration:	Irregular (combined).
Site Area:	60 hectares (approximately).
Zoning:	RG3 [385r]-h, rural general industrial zone.
Current Use:	The subject site is currently undeveloped or used for agricultural purposes.
Services:	The subject site is not located in a municipally serviced area.

3.0 SCOPE OF INVESTIGATION

The scope of work for this Phase I – Environmental Site Assessment was as follows:

- Determine the historical activities on the subject site and study area by conducting a review of readily available records, reports, photographs, plans, mapping, databases and regulatory agencies;
- Investigate the existing conditions present at the subject site and study area by conducting site reconnaissance;
- Conduct interviews with persons knowledgeable of current and historic operations on the subject property, and if warranted, neighbouring properties;
- Present the results of our findings in a comprehensive report in general accordance with the requirements of Ontario Regulation 269/11 amending O.Reg. 153/04 made under the Environmental Protection Act and in compliance with the requirements of CSA Z768-01;
- 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 determined to be appropriate as a Phase I ESA study area for this assignment. Properties located outside of this 250 m radius are not considered to have had the potential to impact the subject site, based on their significant 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.

City of Ottawa Street Directories

Suburban Ottawa city directories from 1980 to 2011 were reviewed in approximate 10-year intervals for the subject site and the surrounding properties. Directories prior to these dates are not available. From 1980 to 2011, the subject site was not listed in the directories. It is possible that the property was formerly listed under a different address.

Multiple Potentially Contaminating Activities (PCA) were identified at properties situated within the Phase I study area. These PCAs are summarized below in Table 1.

Table 1: City Directories Summary – PCAs in Phase I Study Area

Address	Listed Activity (years listed)	Distance / Orientation from site	Area of Potential Environmental Concern (Y / N)
3835 McBean St.	Sheet metal facility (2000)	70 m West	N
3837 McBean St.	Haulage and equipment rental (2011)	70 m West	N
3839 McBean St.	Automotive service garage (2000)	70 m West	N
3855 McBean St.	Charterunys Transportation Ltd, (2000)	Adjacent West	N
5949 Ottawa St.	Automotive Service Garage (2000-2011)	50 m North	N

Based on their separation distances as well as their down-gradient or cross-gradient orientations, these properties are not considered to pose an environmental concern to the subject site.

Fire Insurance Plans

Fire insurance plans (FIPs) are not available for the area of the subject site.

Property Ownership

Paterson contacted Taggart, to determine the historical property owners. According to information provided by a Taggart representative, Amedeo Melone and Nathalie Gour, the estate of Alma R. Forster and Schouten Corner View Farms Ltd., currently own various parcels of the subject site.

4.2 Environmental Source Information

Environment and Climate Change Canada

A search of the National Pollutant Release Inventory (NPRI) was conducted as part of this assessment. The search did not identify any records of pollutant releases for the subject site or for any properties situated within the Phase I study area.

PCB Inventory

A search of the national PCB waste storage site inventory was conducted as part of this assessment. The search did not identify any current or 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 subject site. A review of this document did not identify any former coal gasification plants located on the subject site or within the Phase I study area.

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 relevant records pertaining to the subject site or for properties located within the Phase I study area.

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 subject site. According to the response from the MECP, no relevant records were identified pertaining to the subject site or the neighbouring properties.

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 subject site. According to the response from the MECP, no relevant records were identified pertaining to the subject site or the neighbouring properties.

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 subject site or neighbouring properties. According to the response from the MECP, no relevant records were identified pertaining to the subject site or the neighbouring properties.

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 subject site. According to the response from the MECP, no relevant records were identified pertaining to the subject site or the neighbouring properties.

MECP Brownfields Environmental Site Registry

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment. No Records of Site Condition (RSCs) have ever been filed for the subject site or the surrounding properties.

Areas of Natural Significance Interest (ANSI)

A search for areas of natural and scientific interest situated within the Phase I study area was conducted electronically vis the Ontario Ministry of Natural Resources and Forestry (OMNRF) website. The search did not identify any natural features of areas of natural significance 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 underground fuel storage tanks, spills, and historical incidents for the subject site and neighbouring properties. The response from the TSSA did not identify any relevant records pertaining to the subject site.

The property addressed 3855 McBean Street, located immediately to the west of the subject site, contained records for an under-review private self-serve fuel outlet with three (3) active underground liquid fuel tanks. These records are associated with a Laidlaw Transit school bus parking lot. According to the TSSA, the single walled fibreglass USTs were installed in 1991 and have a combined fuel capacity for 59,000 L. Based on observations made at the time of the site inspection, in combination with a review of aerial photographs, it is our opinion that the underground fuel storage tanks have been removed from the subject site, and the private self-serve fuel outlet is no longer active.

The correspondence with the TSSA has been included in Appendix 2.

City of Ottawa Landfill Document

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. No former landfill sites were identified on the subject site or 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 2005) database for any environmental records pertaining to the subject site as well as any properties situated within the Phase I study area.

A response from the City had not been received prior to the issuance of this report. A copy of the response will be forwarded to the client should it contain any pertinent information. A copy of the submission request has been included in Appendix 2.

Previous Environmental Reports

Paterson has previously conducted environmental assessments for properties located within the vicinity of the subject site. A review these reports did not identify any potential environmental issues pertaining to the subject site.

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. The complete ERIS report has been included in the appendix.

- *On-Site Records:*

  The ERIS report identified one (1) water well record pertaining to the subject site. Upon further review of this record, it was determined that this well is not physically situated on the subject lands, and instead pertains to a domestic water supply well situated on 6072 Ottawa Street.

- *Off-Site Records:*

  The ERIS report identified one hundred ninety-three (193) records pertaining to properties located within a 250 m radius of the subject site. The majority of these records pertain to properties located to the north and west of the subject site, along Ottawa Street and McBean Street, respectively. Due to their significant distances and down-gradient orientation, these properties are not considered to pose an environmental concern to the subject site.

4.3 Physical Setting Sources

Aerial Photographs

Historical air photos from the National Air Photo Library were reviewed in approximate ten (10) year intervals, commencing with the earliest available photograph. Based on the review, the following observations have been made:

1950 The subject site appears to be undeveloped and used for agricultural purposes at this time. A railway line can be seen to the north of the subject site. Farmstead can also be seen along Ottawa Street to the north, Eagleson Road to the east, and McBean Street to the west.

1959 No significant changes have been made to the subject site. Additional residential dwellings appear to have been developed northwest of the subject site, along Ottawa Street.

1978 No significant changes have been made to the subject site. Additional Residential dwellings appear to have been developed to the north and northwest of the subject site, along Ottawa Street and King Street.

1985 No significant changes appear to have been made to the subject site. Further to the northwest, beyond the railway line, additional residential dwellings and a school can be seen in this photograph.

1991 No significant changes have been made to the subject site. The neighbouring properties to the west, along McBean Street, appear to have been developed for residential or commercial purposes.

2005 *(City of Ottawa Website)* The western portion of the subject site no longer appears to be used for agricultural purposes, with treed areas now visible throughout this area. No significant changes have been made to the neighbouring properties.

2014 *(City of Ottawa Website)* No significant changes have been made to the subject site. A neighbouring property to the west, along McBean Street, appears to be in the process of being developed for commercial or residential purposes.

2019 *(City of Ottawa Website)* No significant changes have been made to the subject site or the neighbouring properties.

Laser copies of selected aerial photographs reviewed are included in Appendix 1.

Geological Maps

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was reviewed as part of this assessment. Based on the available information, the bedrock in the area of the subject site consists of dolostone of the Oxford Formation, whereas the surficial geology consists of offshore marine deposits (clay and silt), with an overburden thickness ranging from approximately 3 m to 5 m on the western portion of the site, 5 m to 10 m on the central portion of the site, and 10 m to 15 m on the north-eastern portion of the site.

Topographic Maps

A topographic map was reviewed from the Natural Resources Canada – The Atlas of Canada website as part of this assessment. The topographic map indicates that the general elevation of the subject site is approximately 90 m above sea level. The regional topography in the area of the subject site is 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 reviewed from the Natural Resources Canada – The Atlas of Canada website, as a part of this assessment. According to the publication, the subject site is situated within the St. Lawrence Lowlands, which are described as *"…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 subject site is located within the Central St. Lawrence Lowland area, which is rarely more than 150 m above sea level.

Water Bodies

No water bodies are located on the subject site. The nearest named water body with respect to the subject site is the Jock River, located approximately 700 m north of the subject site.

MECP Water Well Records

A search of the MECP's website for all drilled well records within 250 m of the subject site was conducted as part of this assessment. The search identified ninety (90) well records within the Phase I study area. These records pertain to wells installed for either agricultural, domestic household, or groundwater observation purposes. Due to the large number of well records, a select number of these records have been included in the appendix.

5.0 PERSONAL INTERVIEWS

Ms. Michelle Taggart, a representative of Taggart, was contacted to inquire about the history of the subject site. Ms. Taggart subsequently deferred to Mr. Robert McElligott, of Brickland Timberlay Corporation, for answers regarding the history of the subject site. Mr. McElligott indicated that no geotechnical or environmental reports have ever been completed for the subject site. Mr. McElligott also indicated that the current owners of the property parcels were the estate of Alma R. Foster, Schouten Corner View Farms Ltd. and Mr. Amedeo Melone and Ms. Nathalie Gour. Mr. McElligott was unaware of any potential environmental issues pertaining to the subject site.

6.0 SITE RECONNAISSANCE

6.1 General Requirements

An initial site inspection was conducted on July 25, 2017. A more recent site inspection was conducted on December 11, 2020. Weather conditions at that time were sunny, with a temperature of approximately -5 °C. Mr. Mark D'Arcy, from the Environmental Department of Paterson Group, conducted the inspection. In addition to the subject site, 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 subject site is currently undeveloped and consists of an agricultural crop field within the eastern portion of the site, as well as tree and grass covered areas within the western portion of the site.

The site and regional topography are both relatively flat, and the adjacent properties are considered to be at grade with respect to the subject site.

Water drainage on the subject site occurs primarily via infiltration throughout the property, as well as surface run-off towards Marlborough Creek to the north.

Buildings and Structures

No buildings or structures are currently present on the subject site.

Underground Utilities

No indications of any below ground structures or utilities were identified at the time of the site inspection.

Potential Environmental Concerns

- **Fuels and Chemical Storage**

  No chemical storage areas, above ground storage tanks (ASTs), or signs of underground storage tanks (USTs) were observed on the subject site at the time of the site inspection.

- **Waste Management**

  No waste products are currently being generated on the subject site.

❒ **Hazardous Materials and Unidentified Substances**

No hazardous materials, unidentified substances, spills, surficial staining, abnormal odours, or indications of potential sub-surface contamination were observed on the subject site at the time of the site inspection.

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

No potential sources of PCBs were identified on the subject site at the time of the site inspection. Several pad-mounted and pole-mounted transformers were observed to the north of the subject site, along Ottawa Street, as well as to the east, along Eagleson Road. No signs of any leaks or staining were observed around these transformers at the time of the site inspection.

❒ **Railway Lines**

An active railway line and equipment storage area was observed approximately 25 m to the north of the subject site. Based on its separation distance, as well as its cross-gradient orientation, this railway line is not considered to pose an environmental concern to the subject site.

Neighbouring Properties

Land use adjacent to the subject site was observed as follows:

North: Ottawa Street and a railway line, followed by institutional, residential, and commercial properties;

South: Vacant/agricultural land, followed by Dobson Lane;

East: Eagleson Road, followed by residential dwellings, farmsteads, and vacant/agricultural land;

West: Vacant land, followed by commercial properties and McBean Street.

Several off-site potentially contaminating activities (PCAs) were identified within the vicinity of the subject site.

An automotive service garage was identified at 3835 McBean Street, located approximately 70 m to the west of the subject site. Based on its separation distance and cross-gradient orientation, this property is not considered to pose an environmental concern to the subject site.

A toxic and combustible gas detection equipment manufacturing facility was identified approximately 50 m to the north of the subject site at 5935 Ottawa Street, respectively. Based on its separation distance and cross-gradient orientation, this property is not considered to pose an environmental concern to the subject site.

A railway line and equipment storage yard were identified approximately 25 m to the north of the subject site. According to a review of aerial photographs, this railway line has been present since at least 1950. Based on its separation distance and cross-gradient orientation, this railway line is not considered to pose an environmental concern to the subject site.

Current land use adjacent to the subject site is illustrated on Drawing PE4079-2R – Surrounding Land Use Plan, appended to this report.

7.0 REVIEW AND EVALUATION OF INFORMATION

7.1 Land Use History

Based on a review of available historical information, the subject site has never been formally developed.

Potentially Contaminating Activities (PCAs)

Based on the findings of this Phase I ESA, no potentially contaminating activities were identified on the subject site.

Several off-site PCAs were identified within the Phase I study area but were deemed not to be of any environmental concern to the subject site based on their separation distances as well as their down-gradient or cross-gradient orientation.

Areas of Potential Environmental Concern (APEC)

No areas of potential environmental concern were identified on the subject site.

Contaminants of Potential Concern (CPC)

No contaminants of potential concern were identified on the subject site.

7.2 Conceptual Site Model

Water Bodies

No water bodies are located on the subject site. The nearest named water body with respect to the subject site is the Jock River, located approximately 700 m north of the subject site.

Geological and Hydrogeological Setting

Based on the available mapping information, the bedrock in the area of the subject site consists of dolostone of the Oxford Formation, whereas the surficial geology consists of offshore marine deposits (clay and silt), with an overburden thickness ranging from approximately 3 m to 5 m on the western portion of the site, 5 m to 10 m on the central portion of the site, and 10 m to 15 m on the north-eastern portion of the site.

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

Areas of Natural and Scientific Interest

No areas of natural significance were identified on the subject site or within the Phase I study area.

Existing Buildings and Structures

No buildings or structures are present on the subject site.

Drinking Water Wells

Based the available well records, the surrounding residential dwellings in the vicinity of the subject site likely still utilize private drinking water wells.

Neighbouring Land Use

Neighbouring land use within the Phase I study area consists mainly of residential, institutional, agricultural, and commercial properties.

Potentially Contaminating Activities and Areas of Potential Environmental Concern

As per Section 7.1, no potentially contaminating activities (PCAs) or areas of potential environmental concern (APECs) were identified pertaining to the subject site.

Several off-site PCAs were identified within the Phase I study area but were deemed not to be of any environmental concern to the subject site based on their separation distances as well as their down-gradient or cross-gradient orientation.

Contaminants of Potential Concern

No contaminants of potential concern were identified on the subject site.

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 and APECs associated with the subject site. 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

Assessment

Paterson Group was retained by Taggart to conduct a Phase I – Environmental Site Assessment (Phase I ESA) of a large parcel of vacant land, in the City of Ottawa (Richmond), Ontario. The purpose of this Phase I ESA was to research the past and current use of the subject site and study area as well as to identify any environmental concerns with the potential to have impacted the subject site.

According to the historical research, the subject site has never been formally developed, and has been partially utilized for agricultural purposes since at least 1950. No environmental concerns were identified with respect to the historical use of the subject site.

The neighbouring lands within the Phase I study area have historically consisted of agricultural lands, or have been developed for residential, commercial, and institutional purposes. Several off-site PCAs were identified within the Phase I study area but were deemed not to be of any environmental concern to the subject site based on their separation distances as well as their down-gradient or cross-gradient orientation.

Following the historical review, a site inspection was conducted to assess the present-day conditions of the subject site. The subject site is currently vacant and partially used for agricultural purposes. No environmental concerns were identified with respect to the current use of the subject site.

The neighbouring lands were observed to consist of agricultural, residential, commercial, and institutional properties. Several off-site PCAs were identified within the Phase I study area but were deemed not to be of any environmental concern to the subject site based on their separation distances as well as their down-gradient or cross-gradient orientation.

Conclusion

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

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. 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 subject site 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 S. 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 PCB Waste Storage Site 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.
- ❒ 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: eMap website.
- ❒ 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.

Public Information Sources

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

FIGURES

FIGURE 1 – KEY PLAN

FIGURE 2 – TOPOGRAPHIC MAP

DRAWING PE4079-1R – SITE PLAN

DRAWING PE4079-2R – SURROUNDING LAND USE PLAN

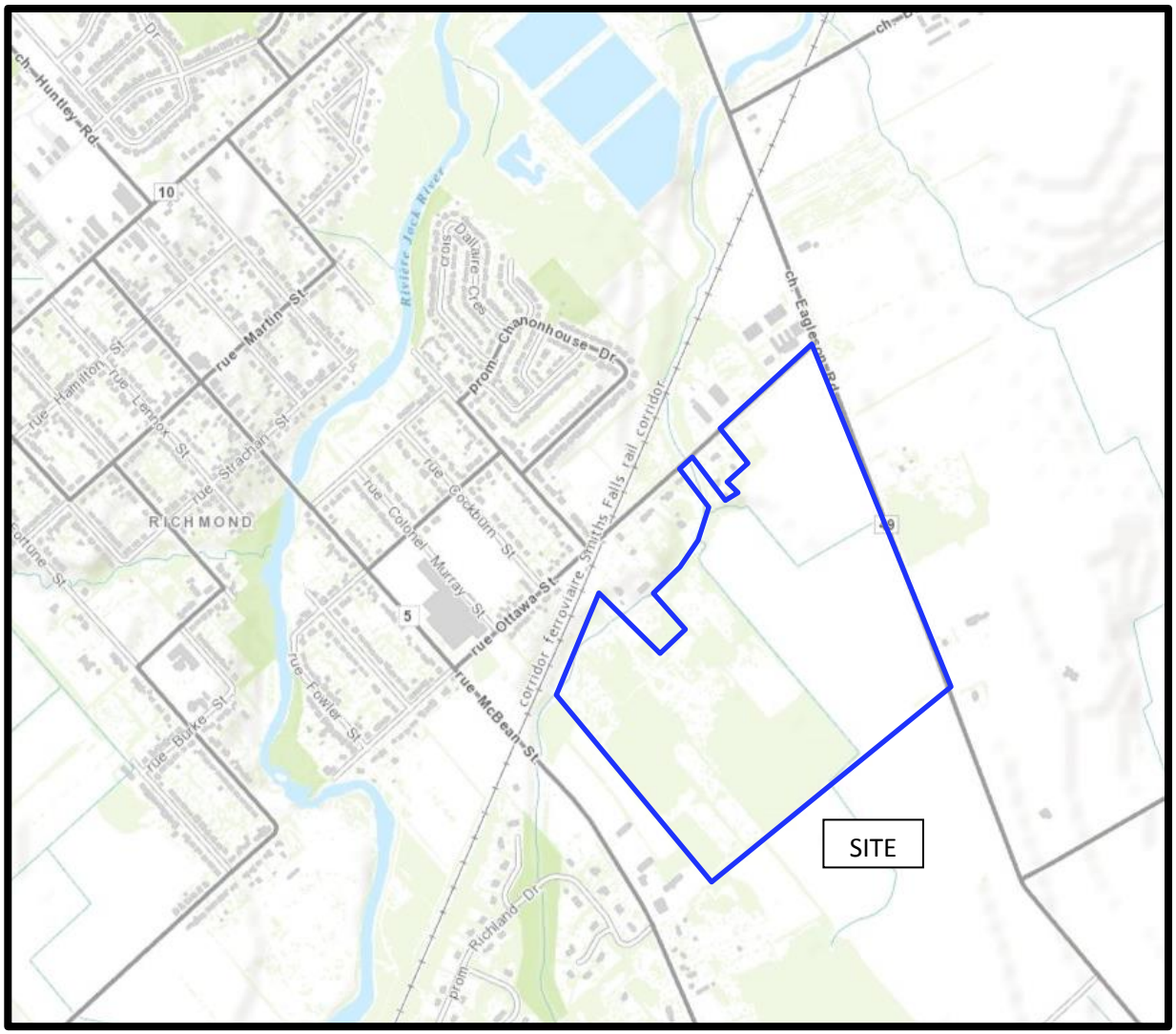


FIGURE 1

KEY PLAN

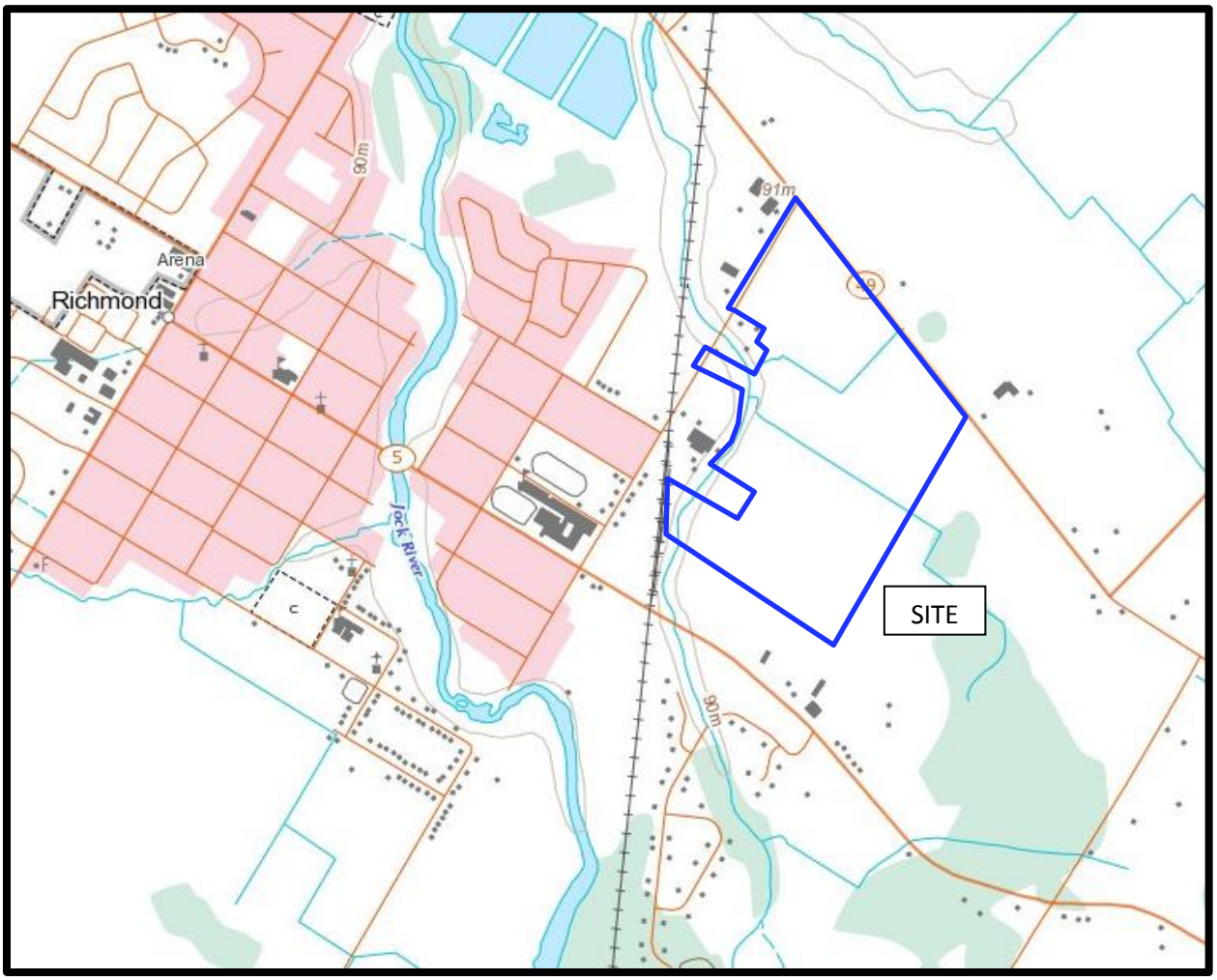
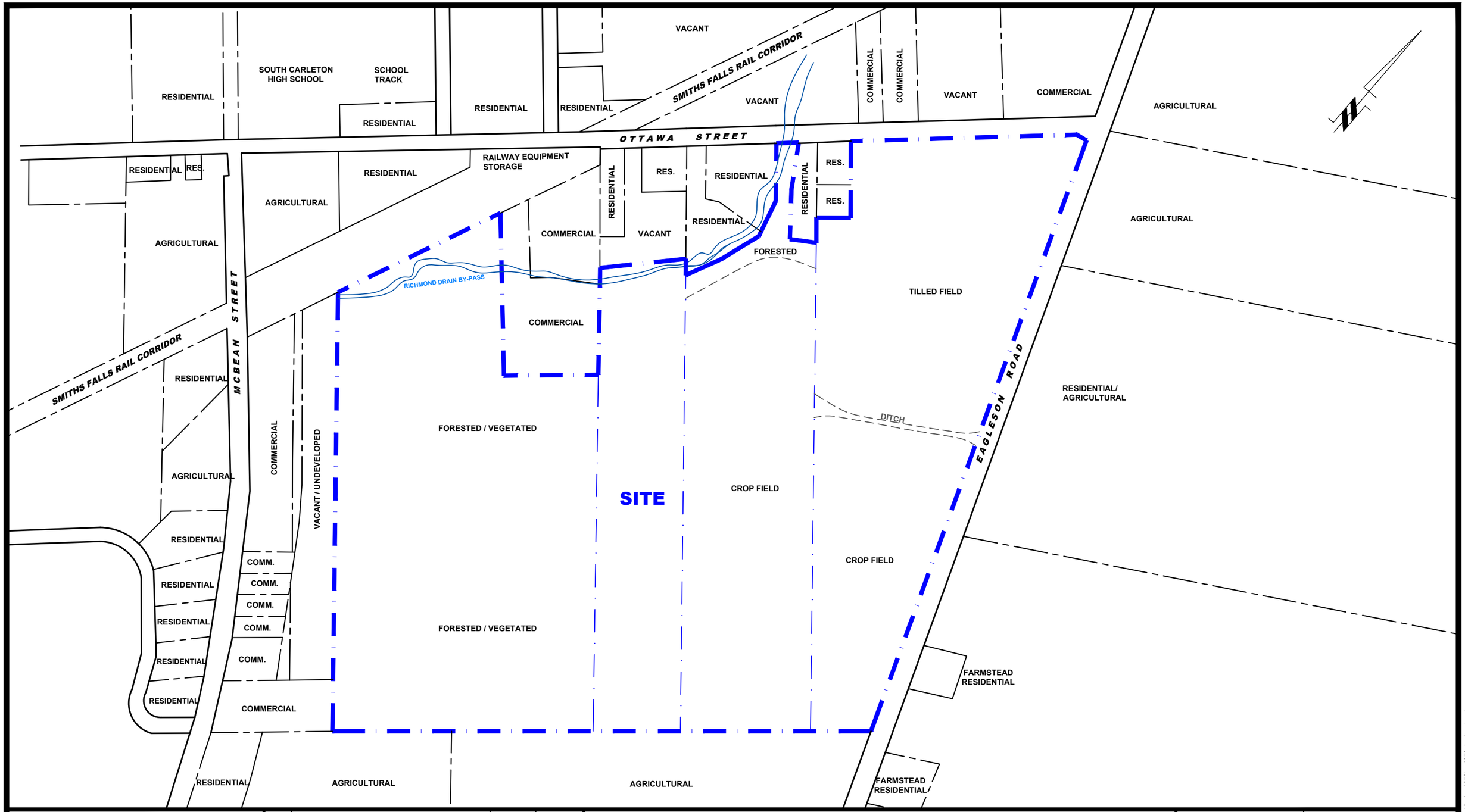


FIGURE 2

TOPOGRAPHIC MAP



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NO.	REVISIONS	DATE	INITIAL
0			

TAGGART GROUP

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
100 ACRES IN RICHMOND

OTTAWA, ONTARIO

Title:

SITE PLAN

Scale: 1:5000	Date: 01/2021
Drawn by: RCG	Report No.: PE4079-1R
Checked by: NS	Dwg. No.: PE4079-1R
Approved by: MSD	Revision No.: 0

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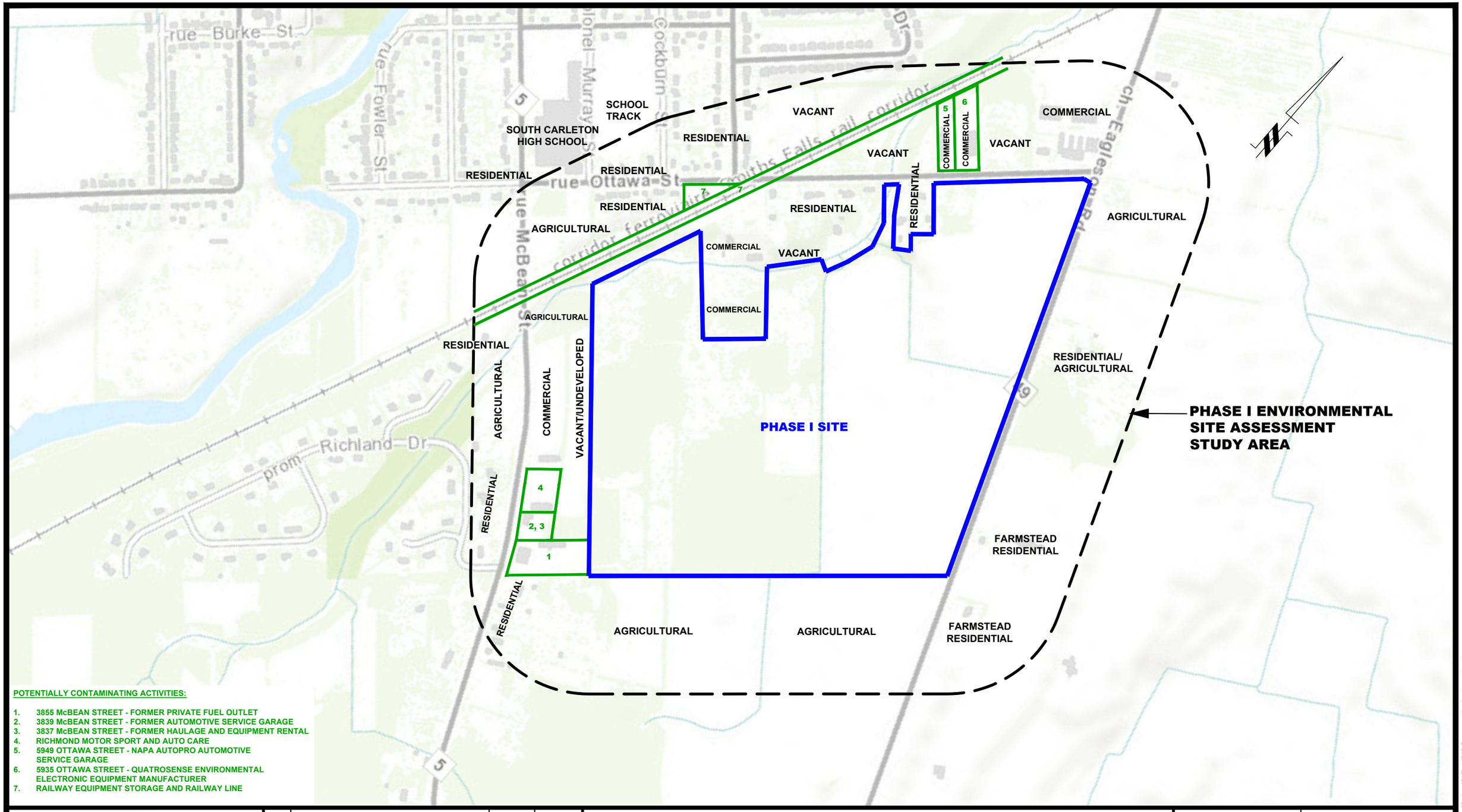

POTENTIALLY CONTAMINATING ACTIVITIES:

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

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NO.	REVISIONS	DATE	INITIAL
0			

TAGGART GROUP

PHASE I - ENVIRONMENTAL SITE ASSESSMENT
100 ACRES IN RICHMOND

OTTAWA, ONTARIO

Title:

SURROUNDING LAND USE PLAN

Scale: 1:7500	Date: 01/2021
Drawn by: RCG	Report No.: PE4079-1R
Checked by: NS	Dwg. No.: PE4079-2R
Approved by: MSD	Revision No.: 0

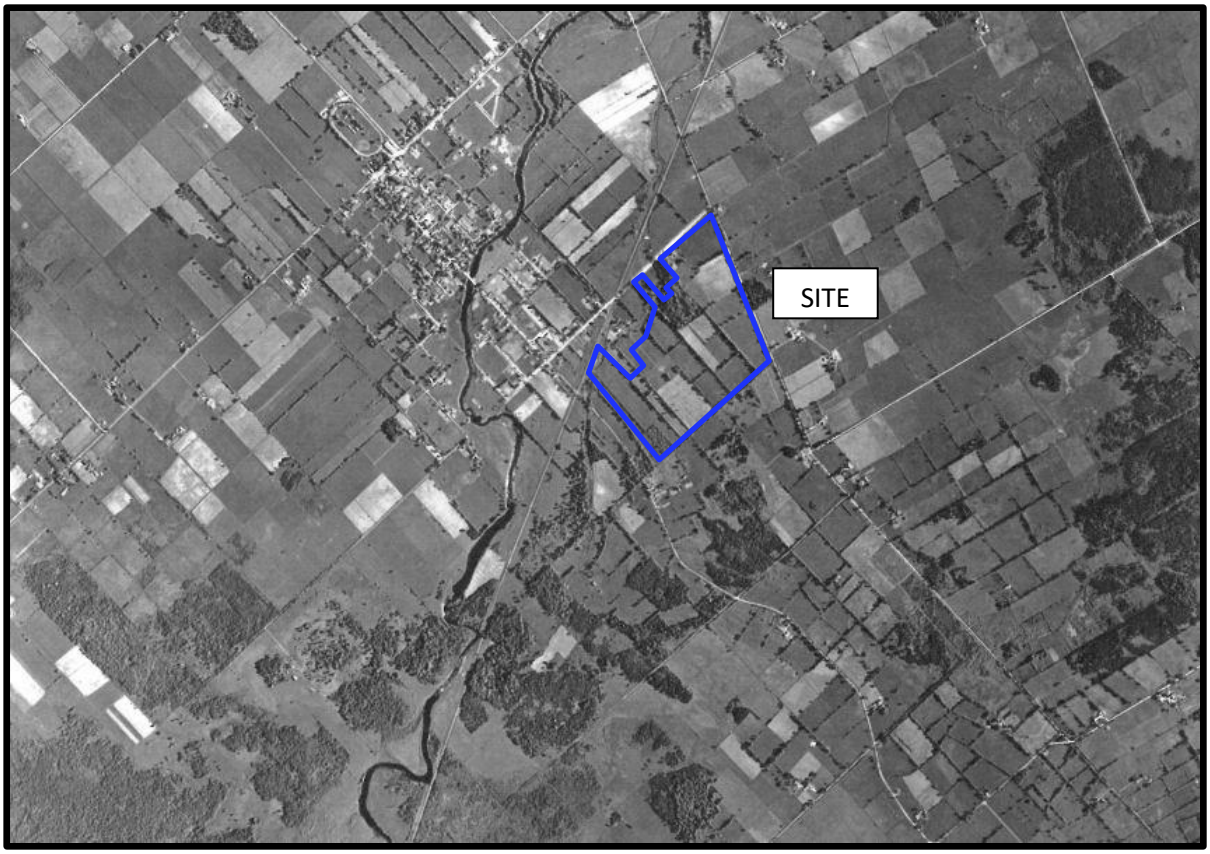
p:\autocad drawings\environmental\pe40xx\pe4079\pe4079-2r surrounding land use plan.dwg

APPENDIX 1

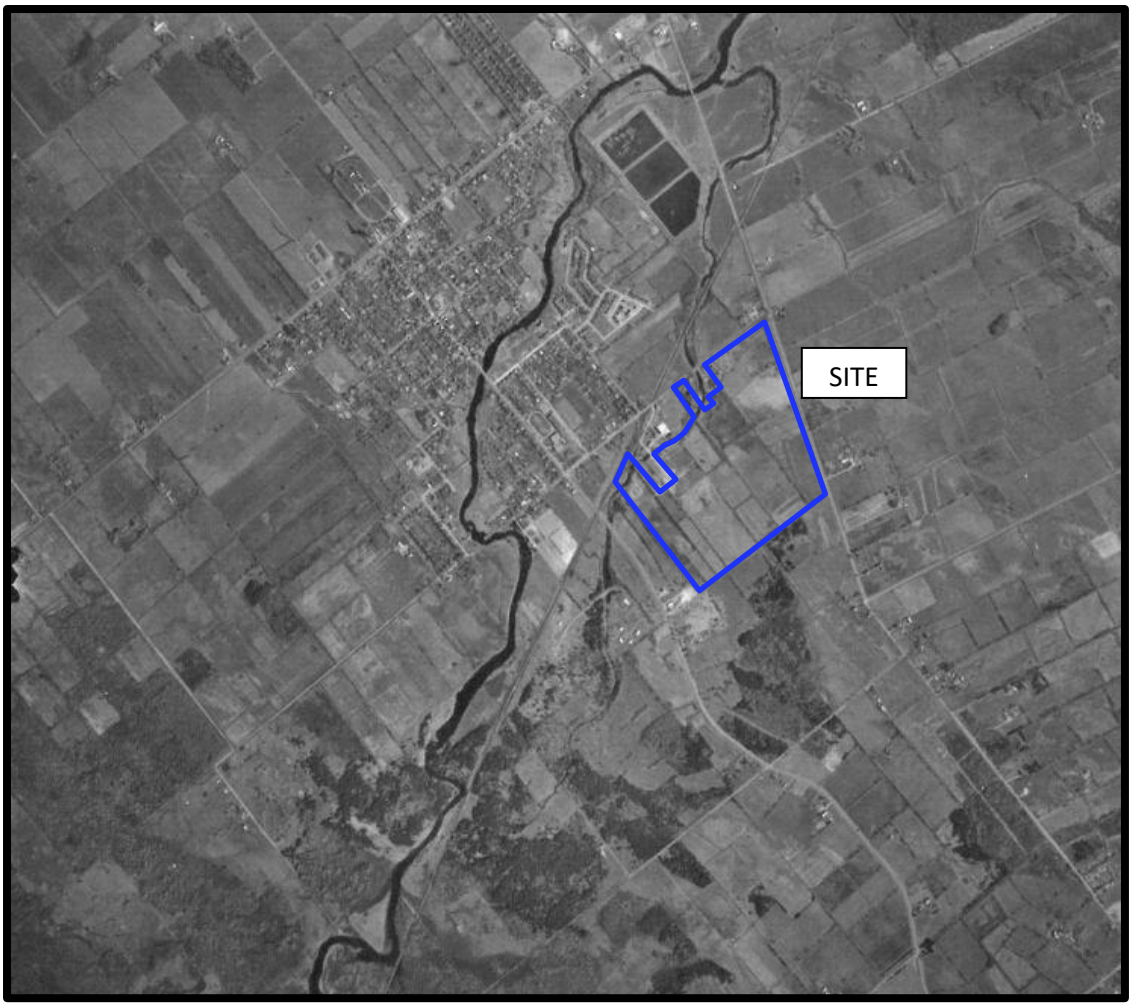
AERIAL PHOTOGRAPHS

SITE PHOTOGRAPHS

AERIAL PHOTOGRAPH
1950



AERIAL PHOTOGRAPH
1959



AERIAL PHOTOGRAPH
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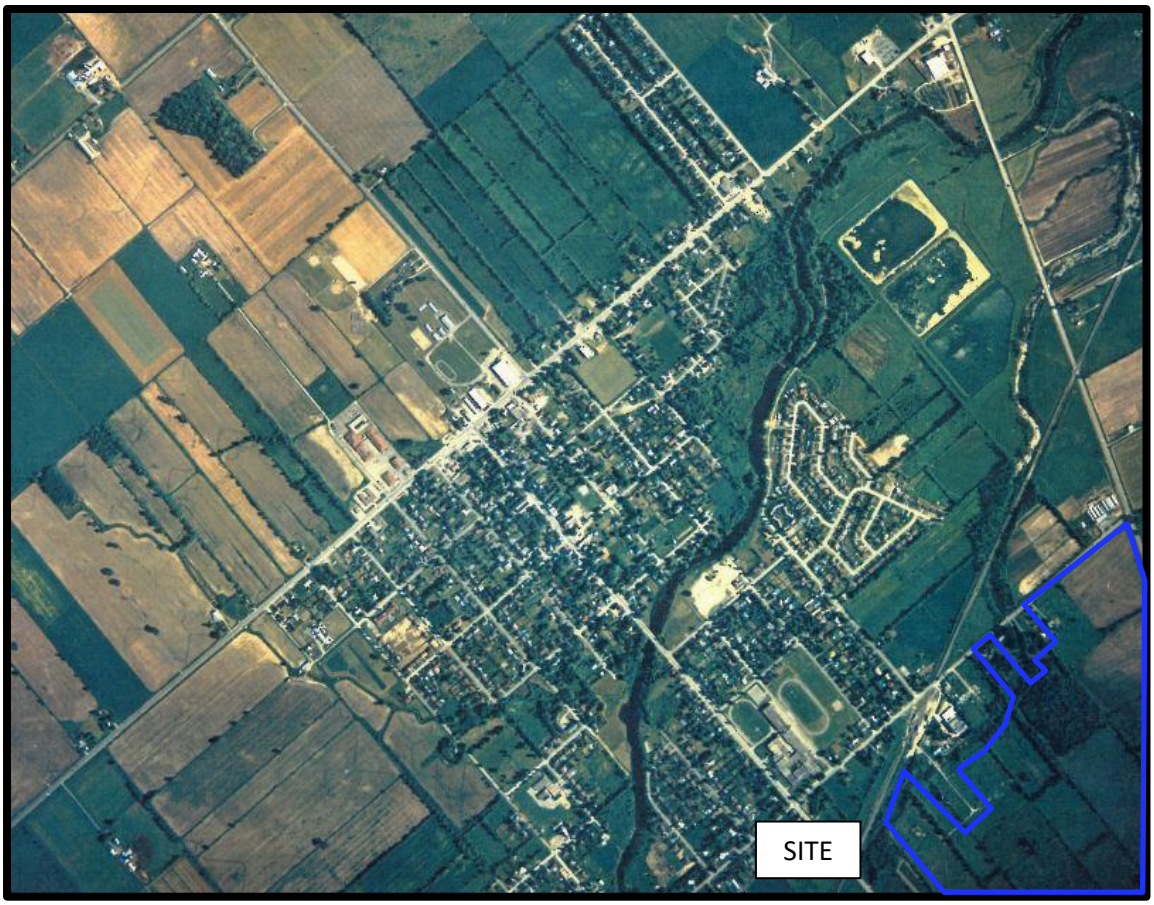

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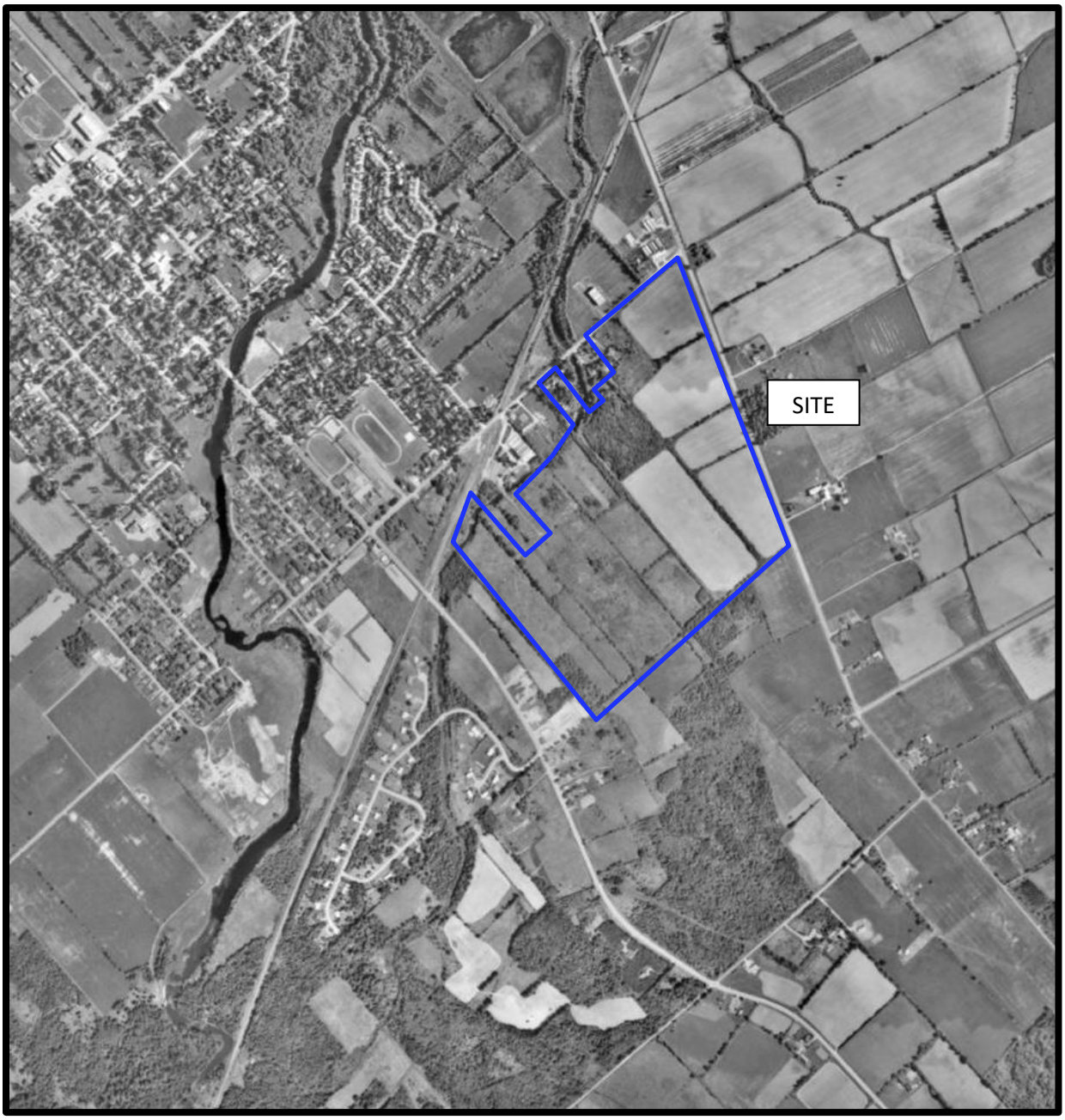

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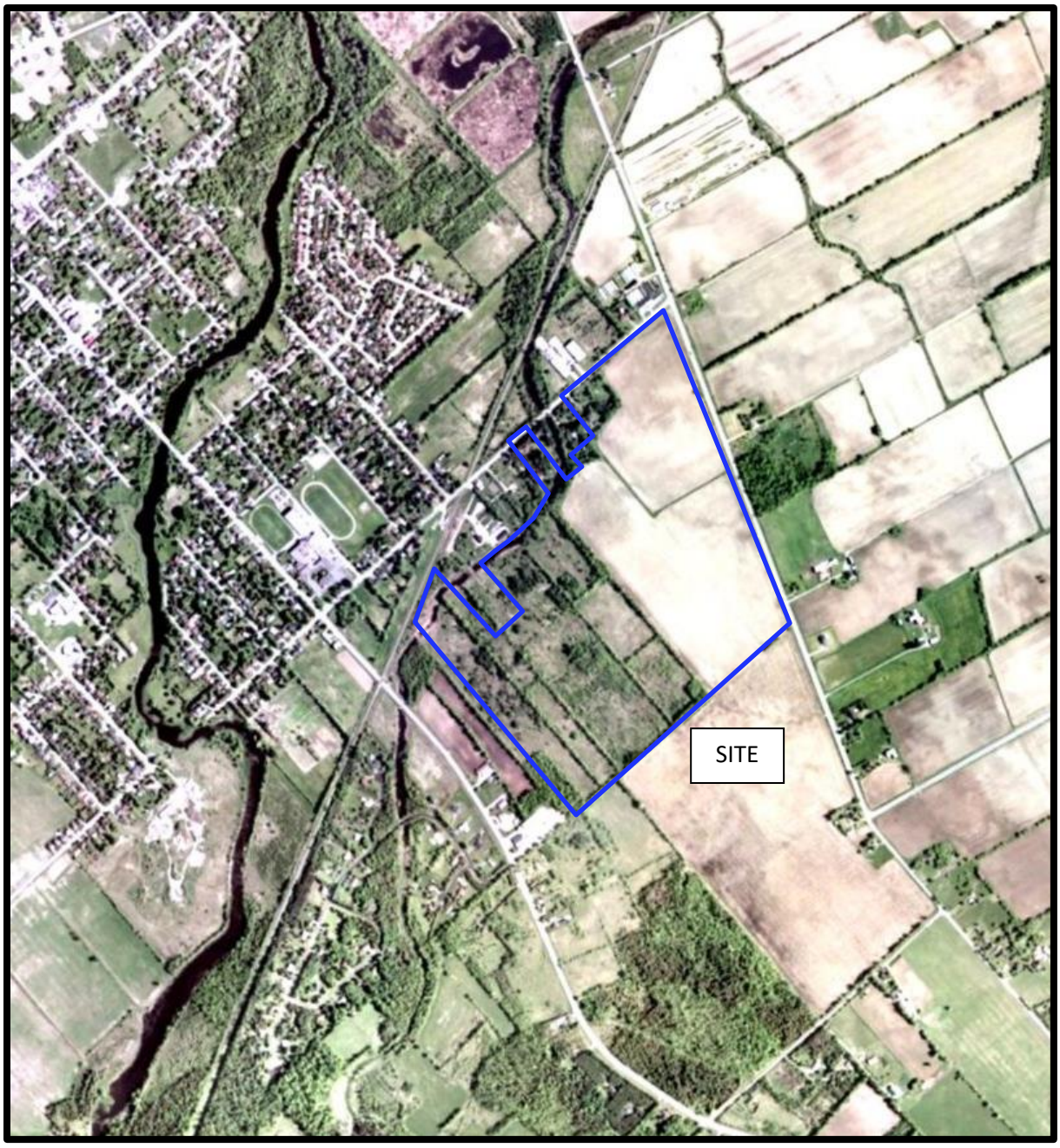

AERIAL PHOTOGRAPH
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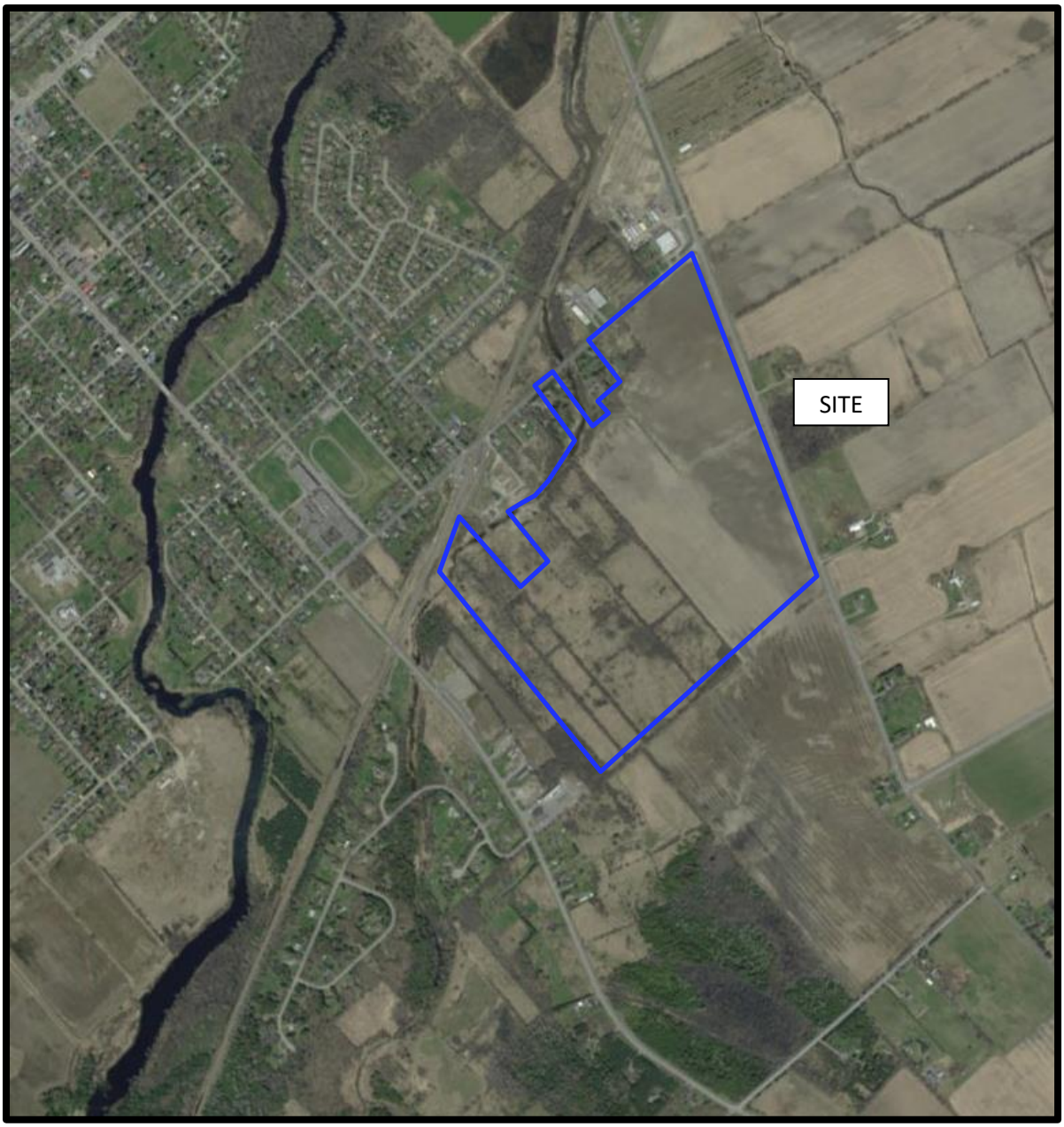
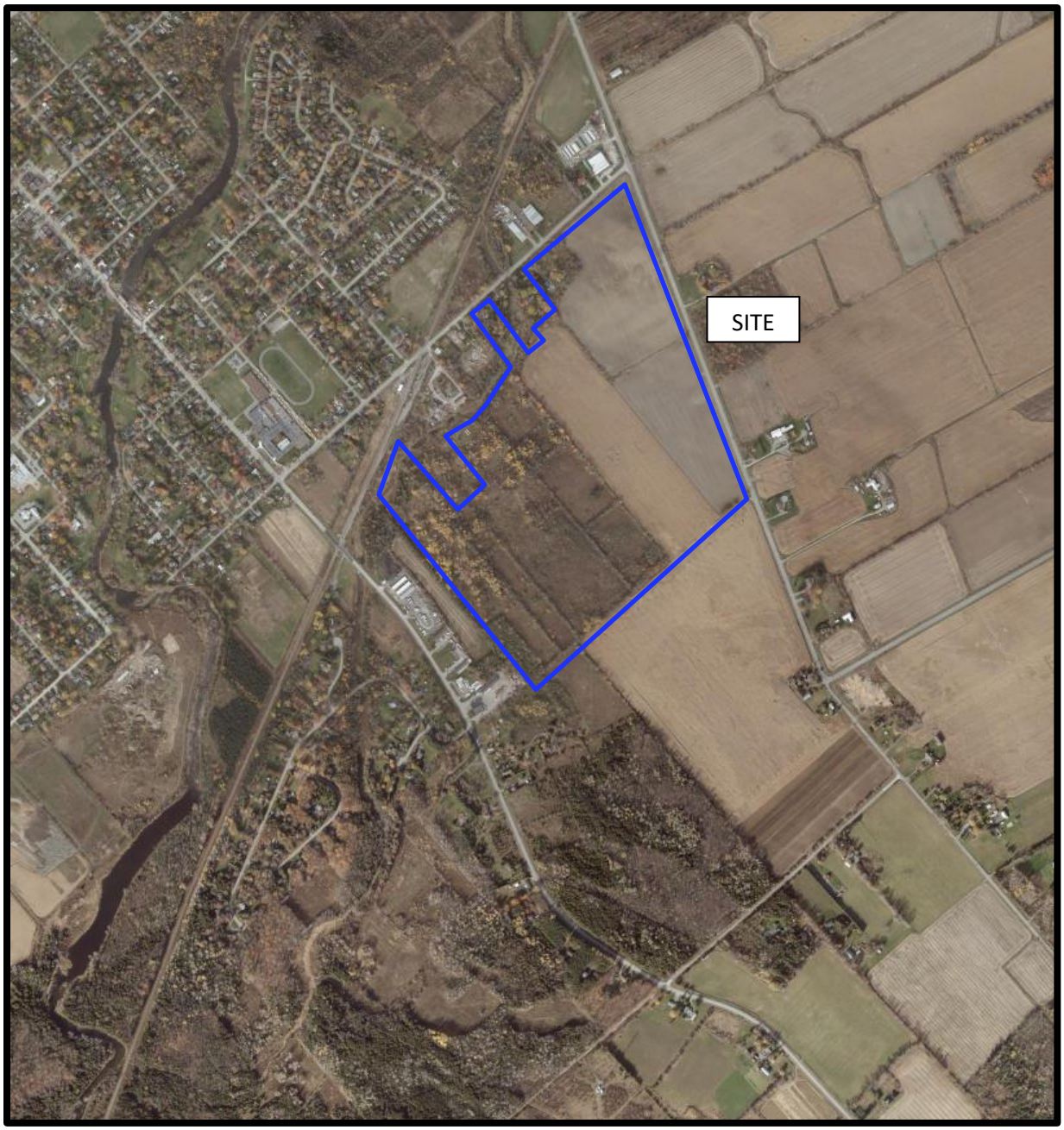


AERIAL PHOTOGRAPH
2014



AERIAL PHOTOGRAPH
2019

patersongroup

Site Photographs

PE4079 Vacant Land – Eagleson Road, Ottawa (Richmond), ON July 25, 2017

Photograph 1: View of the east side of the site, facing east. Photograph illustrates a corn field, the main land cover on the eastern portion of the site. No environmental concerns were identified.

Photograph 2: View from the central portion of the subject site, facing south. Photograph illustrates corn, grass, small vegetation and trees. No environmental concerns were identified.

Photograph 3: View of trees and small vegetation, the main land cover on the western portion of the property. Photograph taken facing north. No environmental concerns were identified.

Photograph 4: View of the southeastern most portion of the subject site. Photograph depicts a corn field. Photograph taken facing northwest. No environmental concerns were identified.

APPENDIX 2

MECP FREEDOM OF INFORMATION RESPONSE

MECP WATER WELL RECORDS

TSSA CORRESPONDENCE

ERIS DATABASE REPORT

CITY OF OTTAWA HLUI REQUEST FORM

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

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

Ontario

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 Otrawa 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
Téléc.: (613) 521-5437

Ontario

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

51-07-GL-002 120

Ontario

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 not M2, 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:

Ontario

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.

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.

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

Mitigating Elevation of Phosphorus

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

Ontario

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

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.

Schedule B

NASM Plan Approvals Submission

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 Apecalle (#NASMPDC11009)
Apedalle Environmental Management
1543 Botsford Street
Ottawa, ON, Canada K1G 0P8
Phone #1: 613-260-2411
Email: erik@apedalle.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

Material Source Summary

Ottawa Cake

City of Ottawa Biosolids

Form: Solid

Category: 3
NASM Type: 11d. 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

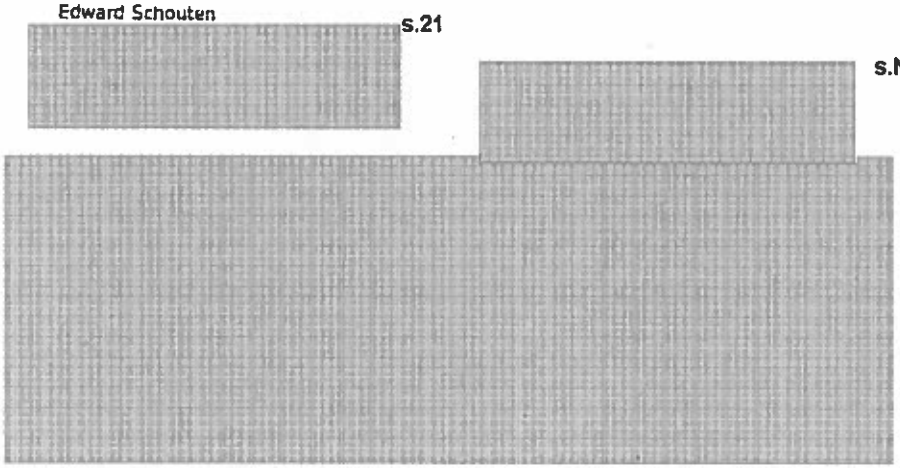
Status: Rented

Property/Landowner Contact:
Edward Schouten

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

Roll Number(s) 061427181004680
061427381018400

s.21

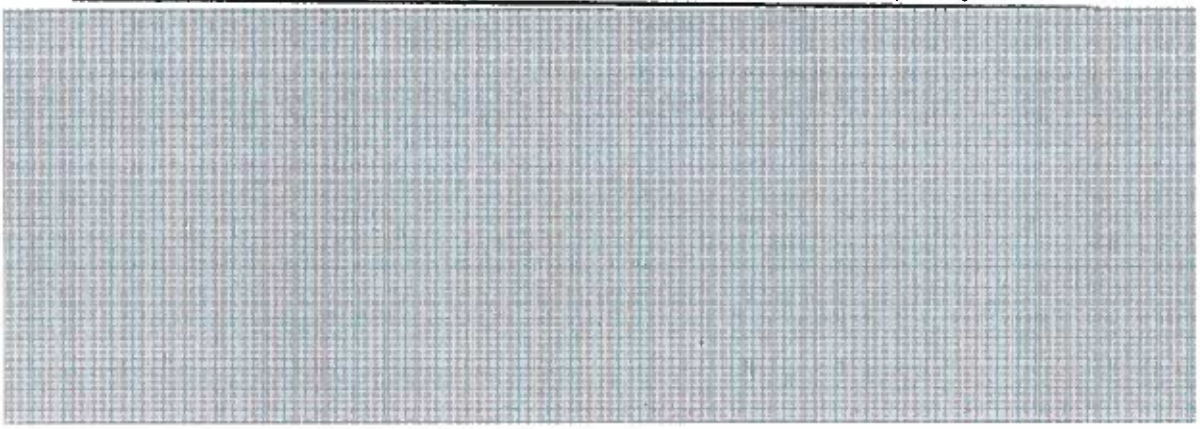


s.N/R

Ontario

NASM Plan Approvals Submission

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



NASM Plan Area Summary

NASM Application Area

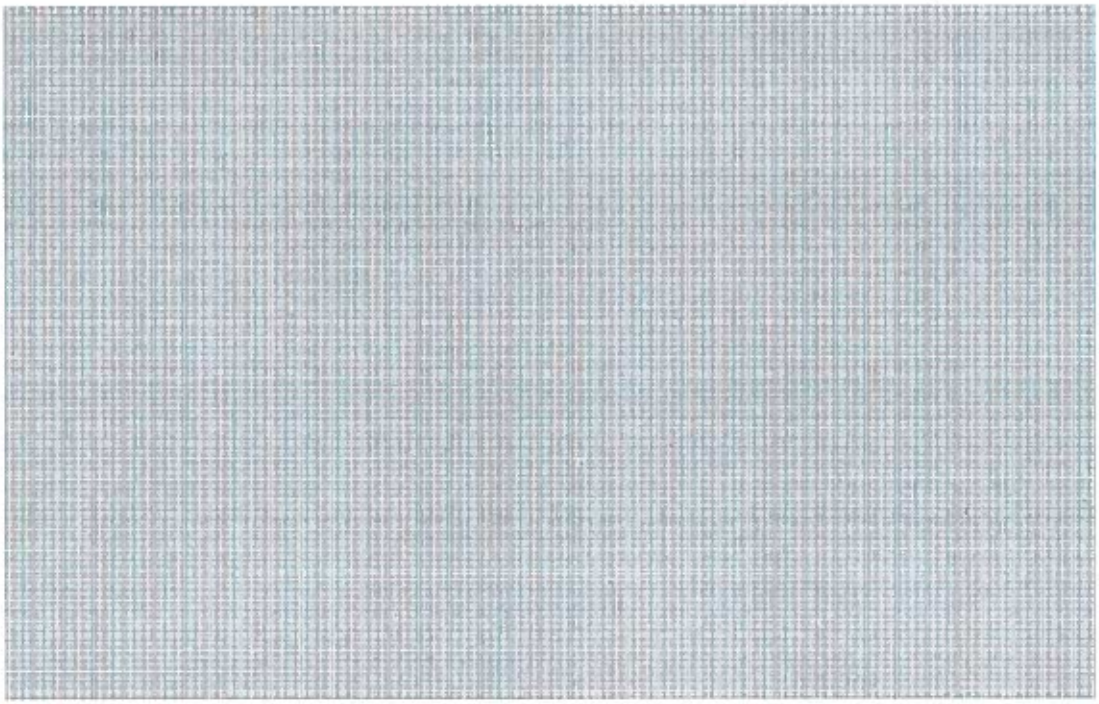
OTT1446, Field 1

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



Flag Summary

Landowner Signature (OTT1446)
Note: The landowner must sign the NASM Plan Declaration

Landowner Signature (OTT1449)
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] 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

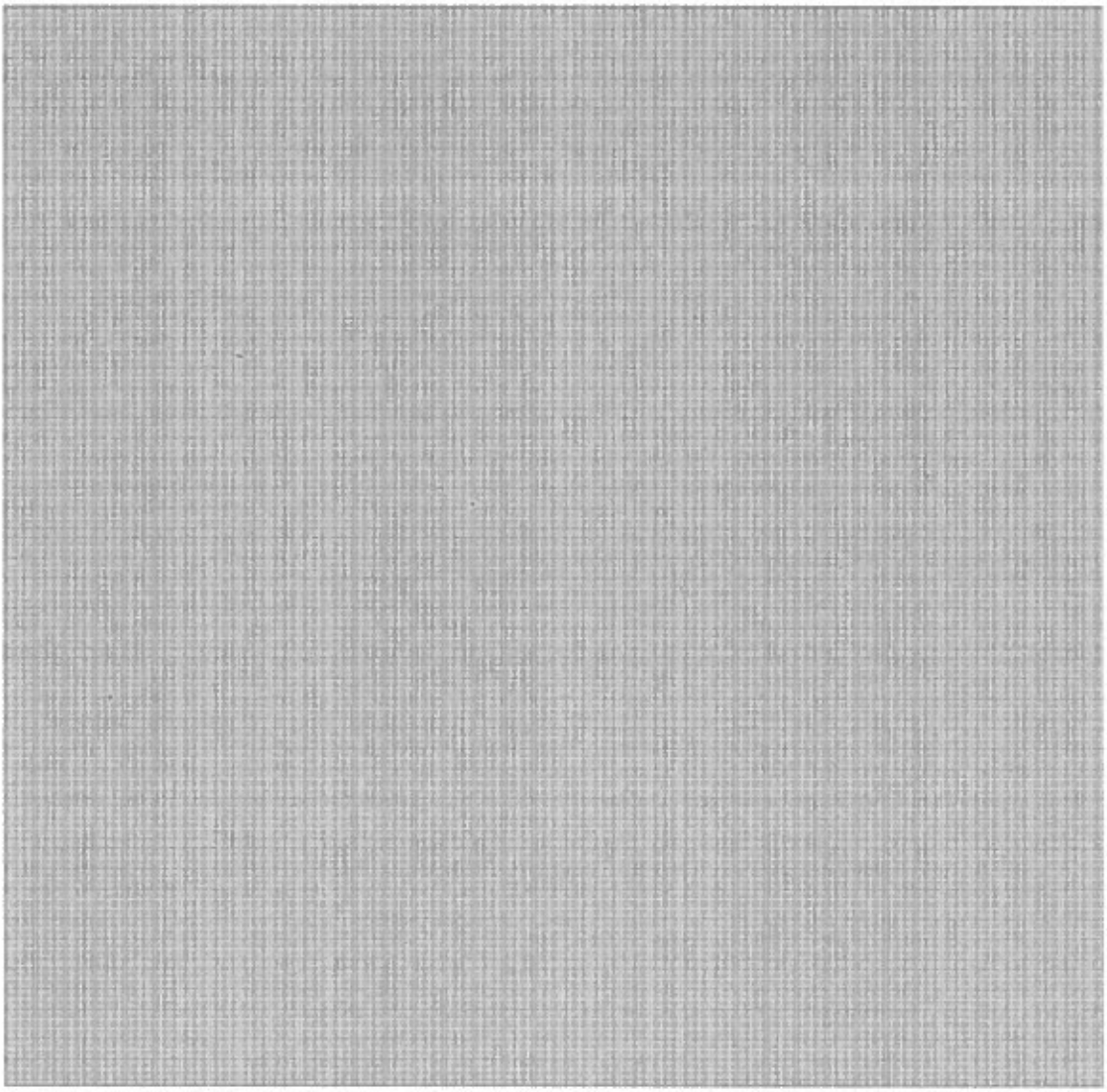
Appendix A – Overview of the Operation

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



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.

Ontario

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 (Cc)	< 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							
	1A	1B	1C	1D	1E	1AB	1CD	Average
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

Certificate of Analysis

Exova

Client: Apedaile Environmental
1543 Botsford Street
Ottawa, ON
K1G 0P6
Attention: Mr. Erik Apedaile
PO#:
Invoice to: Apedaile Environmental

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

Group	Analyte	MRL	Units	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	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	Guideline	Lab I.D. Sample Matrix Sample Type Sampling Date Sample I.D.	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		
Mercury	Hg	0.1	ug/g			<0.1	<0.1	<0.1
Metals	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

EXOVA OTTAWA

Certificate of Analysis

Exova

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

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

Group	Analyte	MRL	Units	Guideline	Lab I.D. / Sample Matrix / Sample Type / Sampling Date / Sample I.D.		
					955278 Soil 2012-05-02 OTT1446-01 E	955279 Soil 2012-05-02 OTT1446-01 AB	955280 Soil 2012-05-02 OTT1446-01 CD
Metals	Sc	1	ug/g		<1	<1	<1
	Zn	2	ug/g		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

OK

	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	29				23
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

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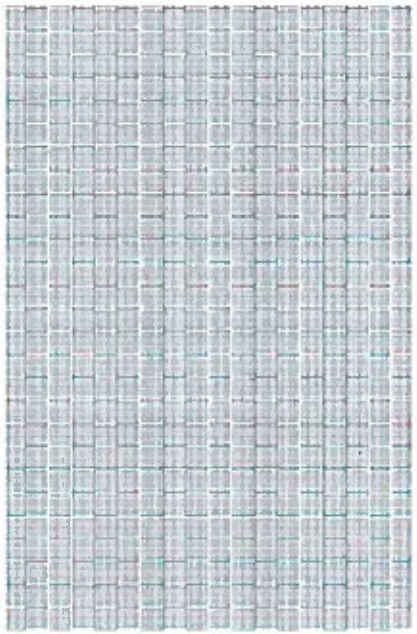
Soil Analysis Summary

	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	7.5	6.8					7.4
Extractable P	42	52	17	11	26	28	18	61					61
Extractable K	90	90	70	60	70	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



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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.

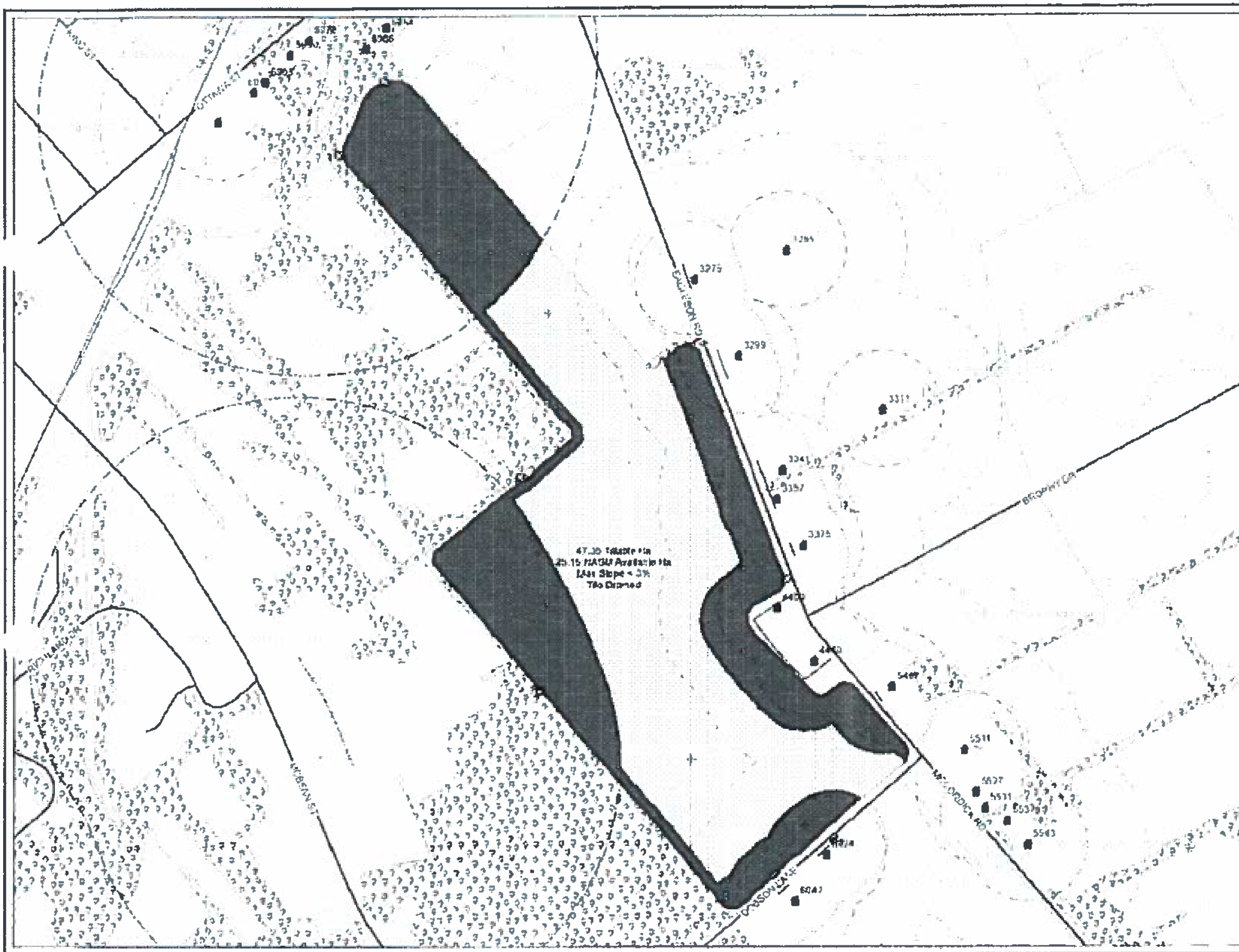
In the current release of NMAN3 the user must average sample results outside of NMAN3 and enter in the average value into NMAN3. Although not required, it is recommended that a summary table of NASM results also be attached which lists out the individual sample results by date and includes the calculated 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 Cake

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



TITLE:
City of Ottawa Site OTT1446
Site Map

SCALE: 1:6,000
Projected UTM Zone 18N
DATE: 08 May 2012

PROJECT:
City of Ottawa Biosolids
Land Application Program

DRAWING NUMBER:
OTT1446-0512-01

APEDAILE
1543 Bolsford Street
Ottawa, Ontario K1H 0P8

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Pages 40 to / à 41

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Ontario

Ministry of the Environment
Ministère de l'Environnement

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 E 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,
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 posibly entering and circulating on the farm.

2.0 INSPECTION OBSERVATIONS

The site visit occured 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 deling 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 ans associated sketch reflex the long experience and attention to details of the plan developer			

Score:	100

Ontario

Ministry of the Environment
Ministère de l'Environnement

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?		

3164f. A

UTM 1 8 Z 4 3 5 5 3 5 E
5 R 5 0 0 4 1 0 0 N

Elev. 4 R 0 3 0 0

Basin 2 5

C

15 No. 9235

GROUND WATER BRANCH
SEP 7 1960
RESOURCES COMMISSION

The Ontario Water Resources Commission Act, 1957

WATER WELL RECORD

County or District Carleton — Township, Village, ~~Town or City~~ Richmond

Con. — Lot —

[redacted]

Date completed 5 (day) Aug (month) 60 (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 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

Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	No. of feet water rises	Kind of water (fresh, salty, sulphur)
clay	0	13			
broken limestone	13	20			
limestone	20	59	55	50	fresh

Water Record

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 Ben E. Sparks

Address

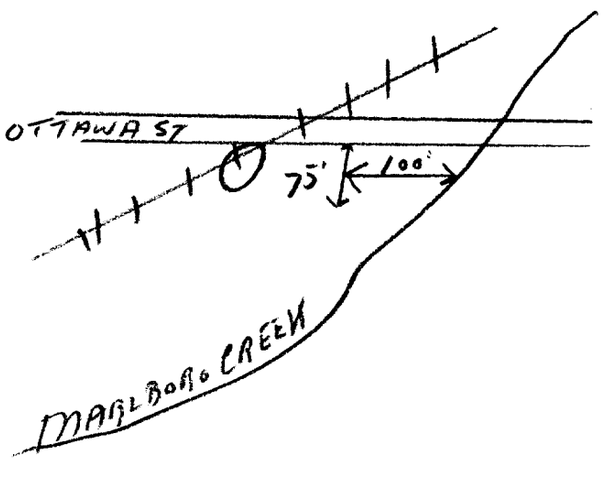
Date Aug 23/60

Ben E. Sparks

(Signature of Licensed Drilling Contractor)

Location of Well

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



Form 5
15M-58-4149

Ministry of the Environment
Ontario

The Ontario Water Resources Act

WATER WELL RECORD

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

11 — 1528204 — MUNICIP 15003 — CON.

COUNTY OR DISTRICT	TOWNSHIP, BOROUGH, CITY, TOWN, VILLAGE	CON., BLOCK, TRACT, SURVEY, ETC.	LOT
[redacted]	Goulbourn	2	25

ADDRESS: 2 Ottawa Street Richmond, Ontario K0A 2Z0

DATE COMPLETED: DAY 19 MO 08 YR 94

TWNG — RC. — ELEVATION — RC. — BASIN CODE — II — III — IV

LOG OF OVERBURDEN AND BEDROCK MATERIALS (SEE INSTRUCTIONS)

GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION	DEPTH - FEET FROM	DEPTH - FEET TO
Brown	Sand			0	4
Brown	Clay	Stones		4	12
Gray	Hardpan	Boulders		12	23
Gray	Limestone			23	165
Gray & White	Sandstone			165	298

31

32

41 WATER RECORD

WATER FOUND AT - FEET	KIND OF WATER
215	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS
286	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS
NOT TESTED	1 ☐ FRESH 2 ☐ SALTY 3 ☒ SULPHUR 4 ☐ MINERALS 6 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS
	1 ☐ FRESH 2 ☐ SALTY 3 ☐ SULPHUR 4 ☐ MINERALS 6 ☐ GAS

51 CASING & OPEN HOLE RECORD

INSIDE DIAM INCHES	MATERIAL	WALL THICKNESS INCHES	DEPTH - FEET FROM	DEPTH - FEET TO
6 1/4	1 ☒ STEEL 2 ☐ GALVANIZED 3 ☐ CONCRETE 4 ☐ OPEN HOLE 5 ☐ PLASTIC	.188	0	25
5 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.)	DIAMETER INCHES	LENGTH FEET
MATERIAL AND TYPE	DEPTH TO TOP OF SCREEN FEET	

61 PLUGGING & SEALING RECORD

DEPTH SET AT - FEET FROM	DEPTH SET AT - FEET TO	MATERIAL AND TYPE (CEMENT GROUT LEAD PACKER, ETC.)
23'6"	0	Grouted - Cement (3)

71 PUMPING TEST

PUMPING TEST METHOD: 1 ☒ PUMP 2 ☐ BAILER

PUMPING RATE: 8-10 GPM — DURATION OF PUMPING: 1 HOURS ___ MINS

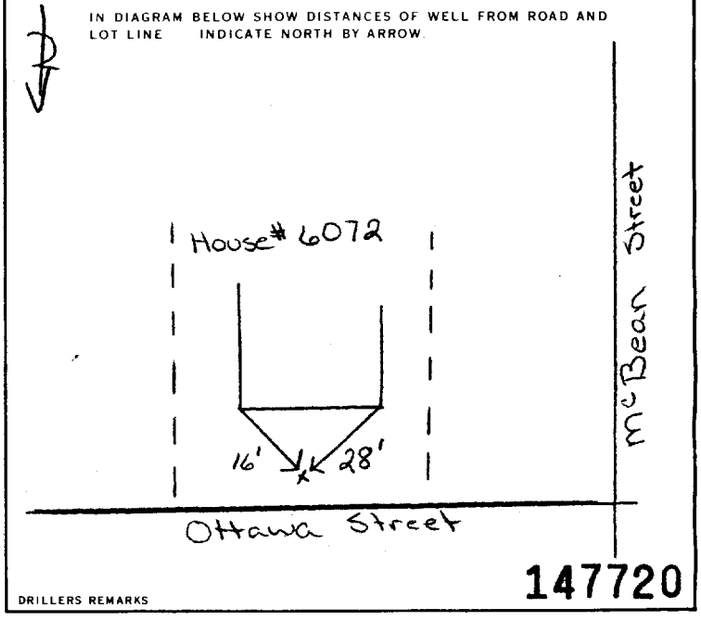
STATIC LEVEL	WATER LEVEL END OF PUMPING	WATER LEVELS DURING: 1 ☒ PUMPING 2 ☐ RECOVERY			
		15 MINUTES	30 MINUTES	45 MINUTES	60 MINUTES
10'6" FEET	25 FEET	50 FEET	45 FEET	30 FEET	25 FEET

IF FLOWING, GIVE RATE	PUMP INTAKE SET AT	WATER AT END OF TEST
GPM	FEET	1 ☐ CLEAR 2 ☒ CLOUDY

RECOMMENDED PUMP TYPE	RECOMMENDED PUMP SETTING	RECOMMENDED PUMPING RATE
☐ SHALLOW ☐ DEEP	30-35 FEET	5 GPM

LOCATION OF WELL

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



DRILLERS REMARKS: 147720

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

WATER USE

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

METHOD OF 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

CONTRACTOR

NAME OF WELL CONTRACTOR: Capital Water Supply Ltd. — WELL CONTRACTOR'S LICENCE NUMBER: 1558

ADDRESS: P.O. Box 490 Stittsville, Ontario K2S 1A6

NAME OF WELL TECHNICIAN: S. Miller — WELL TECHNICIAN'S LICENCE NUMBER: T0097

SIGNATURE OF TECHNICIAN/CONTRACTOR — SUBMISSION DATE: DAY 23 MO 8 YR 94

OFFICE USE ONLY

DATA SOURCE — CONTRACTOR: 1558 — DATE RECEIVED: OCT 07 1994

DATE OF INSPECTION — INSPECTOR

REMARKS

MINISTRY OF THE ENVIRONMENT COPY

FORM NO. 0506 (11/86) FORM 9

Ontario Ministry of the Environment

Well Ta A 023099 (number below)
A023099

Well Record
Regulation 903 Ontario Water Resources Act

page ___ of ___

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.

Ministry Use Only
MUN | CON | LOT

Well Owner's Information and Location of Well Information

[redacted]

OTTAWA - CARLETON | OSGOODE TWP | 05 | 2

RR#/Street Number/Name: # 6004 OTTAWA STREET | City/Town/Village: RICHMOND | Site/Compartment/Block/Tract etc: PLAN RAR6987 9&2

GPS Reading | NAD: 8 3 | 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	Depth To (Metres)
	SANDY CLAY			0	3.66
GREY	LIMESTONE			3.66	29.56

Hole Diameter

Depth From	Depth To (Metres)	Diameter (Centimetres)
0	29.56	15.23

Water Record

Water found at - Metres	Kind of Water
24.38 m	☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other: NOT TESTED
27.43 m	☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:
m	☐ Fresh ☐ Sulphur ☐ Gas ☐ Salty ☐ Minerals ☐ Other:

After test of well yield, water was ☐ Clear and sediment free ☐ Other, specify: CLOUDY - NOT TESTED

Chlorinated ☒ Yes ☐ No

Construction Record

Inside diam centimetres	Material	Wall thickness centimetres	Depth From	Depth To (Metres)
Casing				
15.88	☒ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized	.48	0	6.71
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized			
Screen				
Outside diam	☐ Steel ☐ Fibreglass ☐ Plastic ☐ Concrete ☐ Galvanized	Slot No.		
No Casing or Screen				
	☒ Open hole		6.10	29.56

Test of Well Yield

Pumping test method: SUB PUMP

Pump intake set at (metres): 24.38

Pumping rate - (litres/min): 91

Duration of pumping: ___ hrs + 10 min

Final water level end of pumping: 3.63 metres

Recommended pump type: ☐ Shallow ☒ Deep

Recommended pump depth: 24.38 metres

Recommended pump rate: 91 (litres/min)

If flowing give rate - (litres/min):

If pumping discontinued, give reason:

	Draw Down Time min	Draw Down Water Level Metres	Recovery Time min	Recovery Water Level Metres
Static Level	2	2.98		3.63
	1	3.31	1	3.30
	2	3.36	2	3.25
	3	3.38	3	3.21
	4	3.40	4	3.21
	5	3.41	5	3.20
	10	3.46	10	3.17
	15	3.49	15	3.14
	20	3.52	20	3.13
	25	3.54	25	3.12
	30	3.56	30	3.12
	40	3.59	40	3.12
	50	3.61	50	3.12
	60	3.63	60	3.12

Plugging and Sealing Record

☒ Annular space ☐ Abandonment

Depth set at - Metres From	Depth set at - Metres To	Material and type (bentonite slurry, neat cement slurry) etc.	Volume Placed (cubic metres)
6.10	0	NEAT CEMENT SLURRY	.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.: 1119

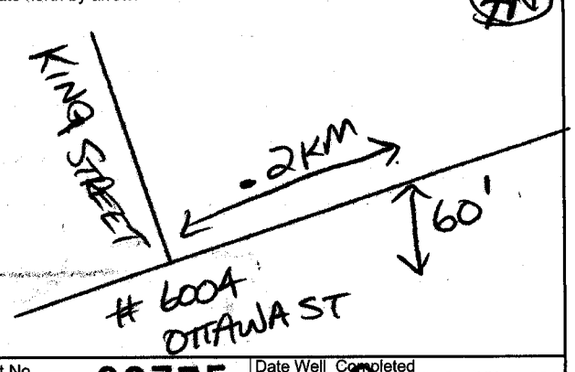
Business Address (street name, number, city etc.): RR#1 RICHMOND ONT K0A 2Z0

Name of Well Technician (last name, first name): HOGAN DAN | Well Technician's Licence No.: 3058

Signature of Technician/Contractor: X | 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.



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

Remarks | Well Record Number

0506E (09/03) Contractor's Copy ☐ Ministry's Copy ☒ Well Owner's Copy ☐ *Cette formule est disponible en français*

Ontario — Ministry of the Environment

Measurements recorded in: ☐ Metric ☒ Imperial

Well T A 066513 (rint Below)

A066513

Well Record

Regulation 903 Ontario Water Resources Act

Page ____ of ____

[redacted]

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: NAD 83 | Zone: 18 | Easting: 435521 | 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	Depth (m/ft) To
	- Grey Clay			0	56'
	- Grey Limestone			56'	176'
	- Grey Sandstone + Limestone Mix			176'	240'

Annular Space

Depth Set at (m/ft) From	To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
62'	52'	Neat Cement Slurry	9.36
52'	0	Bentonite Slurry	16.8

Method of Construction

☐ Cable Tool ☐ Diamond
☐ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☐ Boring ☐ Digging
☒ Air percussion
☐ Other, specify

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To
6"	Steel	.188"	+2'	62'
6"	Open Hole		62'	240'

Construction Record - Screen

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

Status of Well

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

Water Details

Water found at Depth (m/ft)	Kind of Water	Gas	Other, specify
58	☐ Fresh ☒ Untested	☐	
89	☐ Fresh ☒ Untested	☐	
232	☐ Fresh ☒ Untested	☐	

Hole Diameter

Depth (m/ft) From	To	Diameter (cm/in)
0'	240'	5 15/16.

Results of Well Yield Testing

After test of well yield, water was:
☐ Clear and sand free
☐ Other, specify: WELL TESTED

If pumping discontinued, give reason: X

Pump intake set at (m/ft): 220

Pumping rate (l/min / GPM): 20

Duration of pumping: 1 hrs + 0 min

Final water level end of pumping (m/ft): 16'8"

If flowing give rate (l/min / GPM):

Recommended pump depth (m/ft): (1/2HP) 100'

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

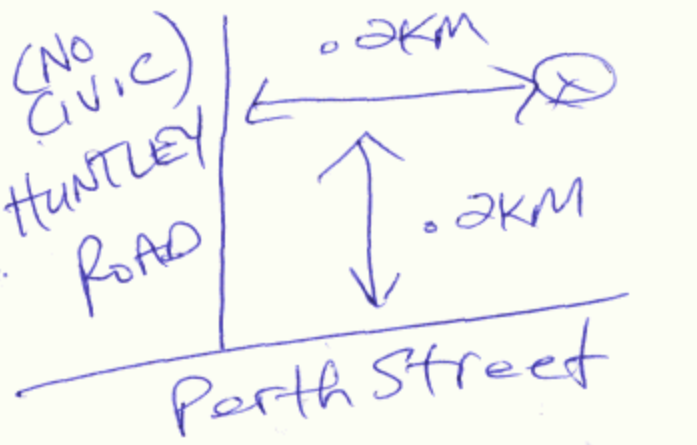
Well production (l/min / GPM): 60

Disinfected? ☒ Yes ☐ No

Draw Down Time (min)	Draw Down Water Level (m/ft)	Recovery Time (min)	Recovery Water Level (m/ft)
Static Level	23"		16'8"
1	9'6"	1	7'
2	12'	2	5'
3	13'2"	3	4'
4	14'2"	4	3'
5	14'8"	5	2'
10	16'	10	1
15	16'2"	15	
20	16'8"	20	
25	16'8"	25	
30	16'8"	30	
40		40	
50		50	
60		60	

Map of Well Location

Please provide a map below following instructions on the back.



Comments:

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): RR#1 | Municipality: RICHMOND

Province: ONT | 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

Well owner's information package delivered: ☒ Yes ☐ No

Date Package Delivered: 20090519

Date Work Completed: 20090515

Ministry Use Only

Audit No. Z 090582

JUN 0 8 2009

Received

JUN 0 8 2009

0506E (12/2007)

Ministry's Copy

Ontario — Ministry of the Environment

Measurements recorded in: ☐ Metric ☒ Imperial

Well Tag A 066511 (t Below) A066511

Well Record

Regulation 903 Ontario Water Resources Act

Page ____ of ____

[redacted]

Address of Well Location (Street Number/Name)	Township	Lot	Concession
#5990 Ottawa Street	Goulbourn	25	2

County/District/Municipality	City/Town/Village	Province	Postal Code
Ottawa-Carleton	Richmond	Ontario	

UTM Coordinates	Zone	Easting	Northing	Municipal Plan and Sublot Number	Other
NAD 8 3	18	435522	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) From	Depth (m/ft) To
	Clay			0	15'
	Grey limestone			15'	84'

* KEEP PUMP ABOVE 45 FT - Broken Rock **

Annular Space

Depth Set at (m/ft) From	Depth Set at (m/ft) To	Type of Sealant Used (Material and Type)	Volume Placed (m³/ft³)
20'	0	Neat Cement Slurry	6.24

Method of Construction

☐ Cable Tool ☐ Diamond
☐ Rotary (Conventional) ☐ Jetting
☐ Rotary (Reverse) ☐ Driving
☐ Boring ☐ Digging
☒ Air percussion
☐ Other, specify

Well Use

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

Construction Record - Casing

Inside Diameter (cm/in)	Open Hole OR Material (Galvanized, Fibreglass, Concrete, Plastic, Steel)	Wall Thickness (cm/in)	Depth (m/ft) From	Depth (m/ft) To
6"	Steel	.188"	+2'	20'
6"	Open hole		20'	84'

Construction Record - Screen

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

Status of Well

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

Water Details

Water found at Depth	Kind of Water	Hole Diameter Depth From	Hole Diameter Depth To	Diameter (cm/in)
55 (m/ft) ☐ Gas	☐ Fresh ☒ Untested ☐ Other, specify	0'	84'	6"
69 (m/ft) ☐ Gas	☐ Fresh ☒ Untested ☐ Other, specify			
73 (m/ft) ☐ Gas	☐ Fresh ☒ Untested ☐ Other, specify			

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 (1 pump)

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

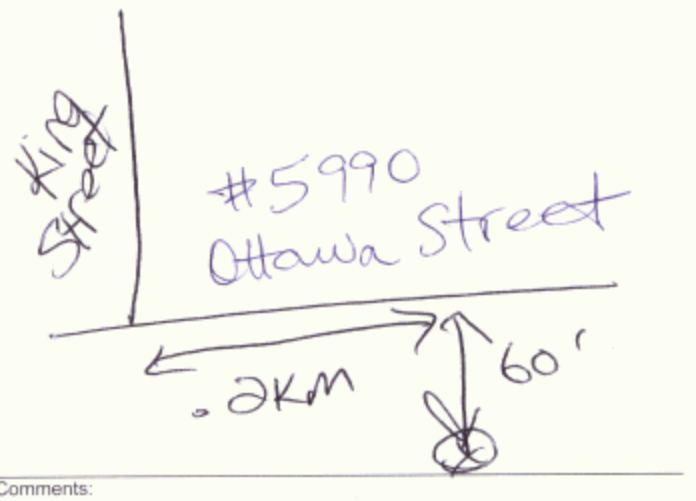
Well production (l/min / GPM): 40

Disinfected? ☒ Yes ☐ No

Draw Down Time (min)	Draw Down Water Level (m/ft)	Recovery Time (min)	Recovery Water Level (m/ft)
Static Level	5'7"		16'4"
1	10'2"	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.



Comments:

Well Contractor and Well Technician Information

Business Name of Well Contractor	Well Contractor's Licence No.
AIR ROCK DRILLING CO LTD	1119

Business Address (Street Number/Name)	Municipality	Province	Postal Code	Business E-mail Address
RR 1	RICHMOND	ONT	K0A2Z0	

Bus. Telephone No. (inc. area code)	Name of Well Technician (Last Name, First Name)	Well Technician's Licence No.	Signature of Technician and/or Contractor	Date Submitted
6138382170	PURCELL SHANNON	12122		20090603

Well owner's information package delivered	Date Package Delivered	Date Work Completed
☒ Yes ☐ No	20090519	20090519

Ministry Use Only

Audit No. Z 94580

Received JUN 0 8 2009

0506E (12/2007)

Ministry's Copy

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

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

Oracle **Installed Base**

Navigator Favorites Home Profile Sign Out Help

Item Instances

Quick Find Item Instance Go Advanced Search

Logged In As RMASHTALER

- **General**
- Additional Attributes
- Assets
- Party Relationships
  - Owner
  - Parties
  - Accounts
  - Contacts
  - Summary
- Pricing
- Counters
- Contracts
- Notes
- Transactions
- Service Requests
- Repair Orders
- History
- Operating Units
- Configuration

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 Name	
Last Version Label	1	Version Label Date	10-DEC-1997 0:00
Revision		New Version Label	
System	Go	External Reference	
Item Instance Type		Accounting Classification	Customer Product
Operational 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 Go
Party Name FIRSTCANADA ULC Go
Party Number 223304 Go
*Line 1 3855 MCBEAN Go
Site Number 224231 Go
Address 3855 MCBEAN
RICHMOND, K0A 2Z0, 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 [ ] Go

Order

Sales Order Number

Sales Order Date

Sales Order Line

Purchase Order Number

Agreement Name

Item Flags

- [x] BOM Enabled
- [x] IB Trackable
- [x] Inventory Trackable
- [x] Sellable
- [ ] Shippable

Item Views

- [ ] Merchant
- [x] Customer

Descriptive Flexfields

Context Value: FS Facility

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

Facility Type 2

Facility Type 3

Total Capacity - Liquid Fuel Tanks (L): 59000

Total Capacity - Propane Tank s (USWG)

* Previous Facility Type

Previous Instance Number

Item Instances Home Profile Sign Out Help

Installed Base

View : Item Instance : 11521745

Item	**FS LIQUID FUEL TANK**	System	
Item Description	**FS Liquid Fuel Tank**	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

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	

Show Additional Attributes

Return to Instance Search

Installed Base

View : Item Instance : 11521723

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

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	

Show Additional Attributes

Return to Instance Search

Item Instance Counters Mass Update Close Window Preferences Help

Privacy Statement

Installed Base

View : Item Instance : 11521704

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

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	

Show Additional Attributes

Return to Instance Search

Item Instance Counters Mass Update Close Window Preferences Help

Privacy Statement

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

Description: E006694 Private Fuel Ou 26

Assignments

Status: Complete by STRATUL

Assigned To: John Stratulk

Outcome: Inspection Complete

Schedule

Scheduled Start: mmm dd, yyyy

Scheduled Complete: mmm dd, yyyy

Actual Start: Jul 13, 1999 00:00

Actual Complete: Jul 13, 1999 00:00

Reports

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

Risk Factor:

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

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	Owner's Name / Nom du/de la propriétaire
Laidlaw Transit	Laidlaw Transit
Address / Adresse: 3855 McBean Street	Address / Adresse: 1010 Caldevco RD. P.O Box 159
City/town / Ville: Richmond ontario	City/town / Ville: Stittsville ONT
Postal Code / Code postal: K0A-2Z0 Tel. No. / N° de tél.: 613-836-7725	Postal Code / Code postal: K2S-1A0 Tel. No. / N° de tél.: 613-836-7725
Operator's Name / Nom de la personne responsable: Doug Herd Manager	Fuel Supplier / Fournisseur de combustible: Shell Canada City / Ville
Licence No / N° de permis: 000 1039574.	

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	Y	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 Y/N MANDAT O/N	
						Y	

FIELD 1/DOMAINE 1	CALL/INTERVENTION	CONSULT Y/N CONSULT O/N	SITE REM Y/N REMÉDIER 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

SEP 10 1999 DATA ENTERED

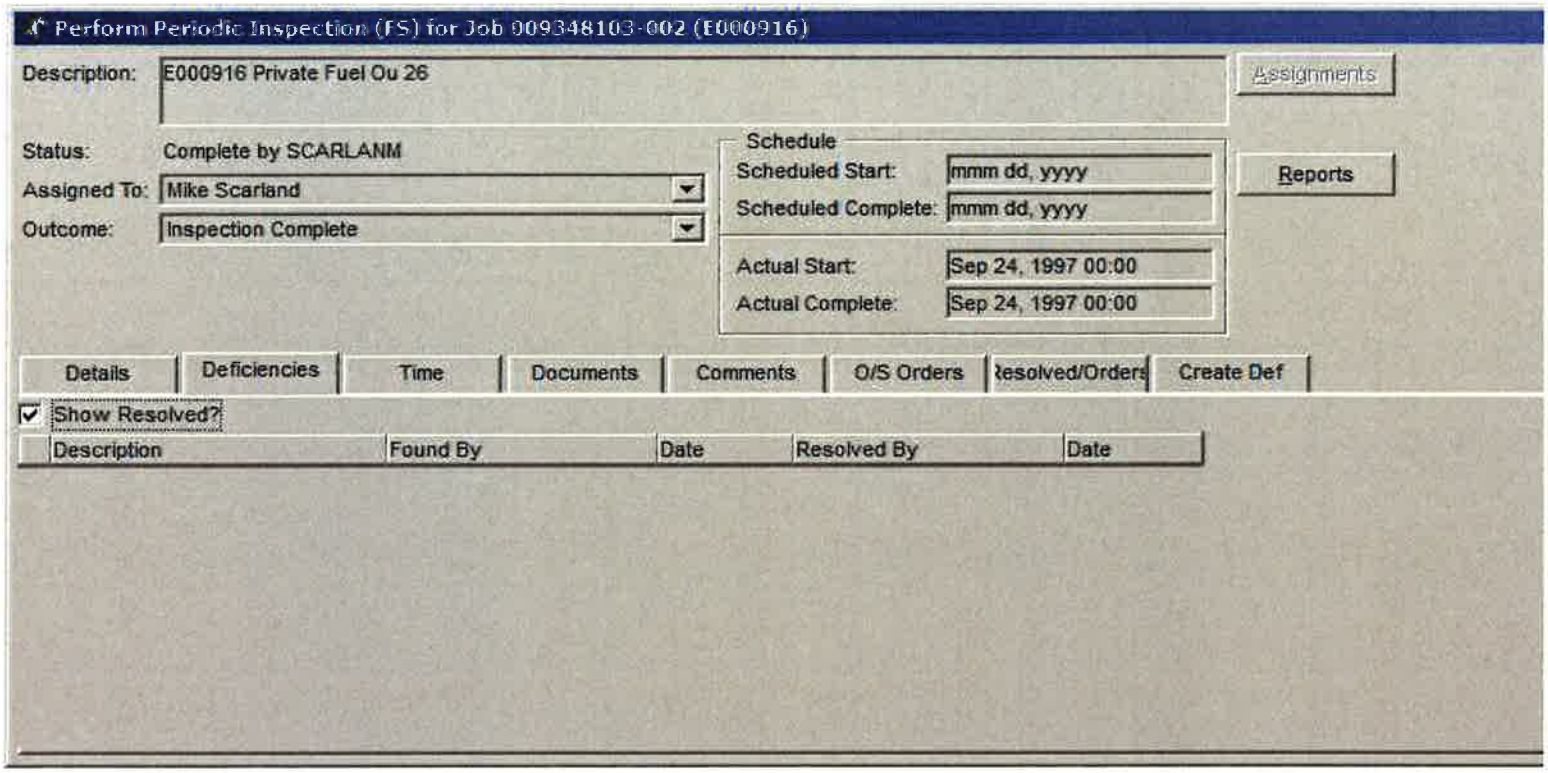
Equipment/Appliance/Component / Matériel/Appareil/Composant

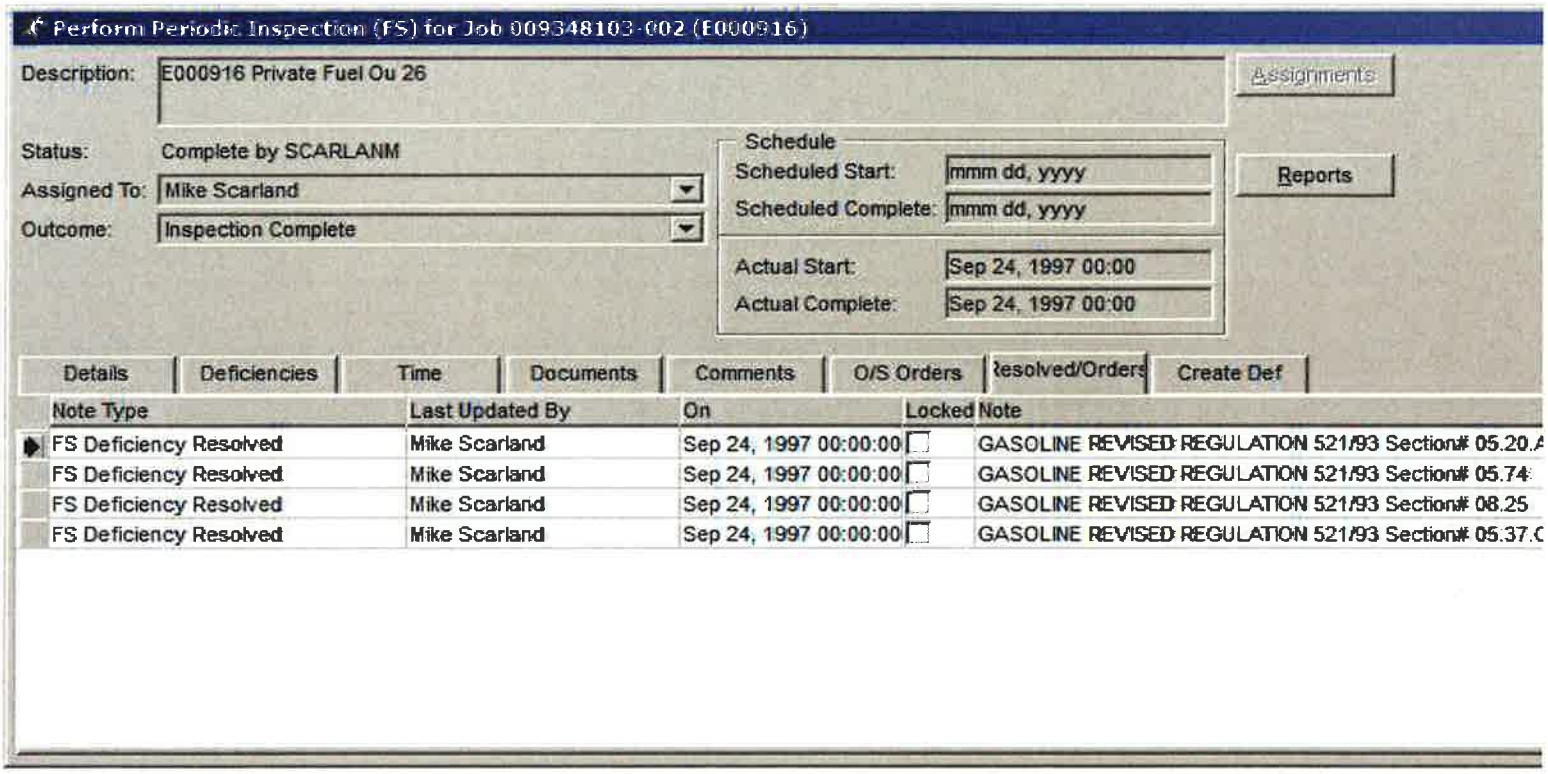
Type/Type	Code/Code
Description/Description	
Manufacturer/Fabricant	
Model/Modèle	Serial No/ N° de serie
Material/Matériel	
Corrosion Protection/Protection contre la corrosion	
Fuel Input Rating/Débit de combustible	
Capacity/Capacité	
Installation Date/Date d'installation	
Manufacture Date/Date de fabrication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

TECHNICAL STANDARDS & SAFETY AUTHORITY RECEIVED JUL 21 1999 FUELS SAFETY CORPORATE SERVICES DIVISION

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 Y/A M/M D/J: 99-07-13

FS 09181 (05/97)


Perform Periodic Inspection (FS) for Job 009348103-002 (E000916)
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


Perform Periodic Inspection (FS) for Job 009348103-002 (E000916)
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

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-000916

Location Inspected / Lieu inspecté	Owner's Name / Nom du/de la propriétaire
CHARTERWAYS TRANSPORTATION LTD	CHARTERWAYS
Address / Adresse: 3855 MCBEAN ST.	Address / Adresse: 1027 MOODIE DR.
City/town / Ville: RICHMOND	City/town / Ville: NEPEAN
Postal Code / Code postal: K0A 2Z0 — Tel. No. / N° de tél.: 613-838-4106	Postal Code / Code postal: K2H 7T8 — Tel. No. / N° de tél.: 613-820-746
Operator's Name / Nom de la personne responsable: DAVE	Fuel Supplier / Fournisseur de combustible: SHELL — City / Ville: OTTAWA
Licence No / N° de permis: 000 103 9574	
Contractor / Entrepreneur	Registration # / N° d'inscription

OCT 17 1997 DATA ENTERED

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	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/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

TECHNICAL STANDARDS & SAFETY AUTHORITY RECEIVED OCT 09 1997 FUELS SAFETY CORPORATE SERVICES DIVISION

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: 151
David A. F.	LES MISKIN	Date of Inspection/ Date d'inspection Y/A M/M D/J: 97 09 24

FS 09181 (05/97)

Head Office

ENVIRONMENTAL RISK INFORMATION SERVICES

DATABASE REPORT

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

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

Table of Contents

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

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	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

Database	Name	Searched	Project Property	Boundary to 0.30km	Total
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
14	GEN	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET PO Box 1229 RICHMOND ON K0A 2Z0	SSW/91.0	1.00	81
15	GEN	Railterm inc.	6058 Ottawa Street Richmond ON K0A 2Z0	WNW/91.7	0.00	81
16	PRT	CHARTERWAYS TRANSPORTATION LTD	3855 MCBEAN RICHMOND ON	SSW/94.9	1.00	81
16	SCT	OTTAWA VALLEY KITCHEN CABINET	3855 MCBEAN ST RICHMOND ON K0A 2Z0	SSW/94.9	1.00	82
16	SCT	Ottawa Valley Kitchen Cabinet Manufacturing Ltd.	3855 McBean St Richmond ON	SSW/94.9	1.00	82
16	GEN	CHARTERWAYS TRANSPORTATION LTD. 08-522	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	SSW/94.9	1.00	82
16	GEN	CHARTERWAYS TRANSPORTATION LTD	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	SSW/94.9	1.00	83
16	GEN	LAIDLAW TRANSIT LIMITED	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	SSW/94.9	1.00	83
16	GEN	OTTAWA VALLEY KITCHENS	3855 MCBEAN ST. RICHMOND ON K0A 2Z0	SSW/94.9	1.00	84
16	GEN	OTTAWA VALLEY KITCHENS 29-579	3855 MCBEAN ST. PO BOX 1229 RICHMOND ON K0A 2Z0	SSW/94.9	1.00	84
16	GEN	OTTAWA VALLEY KITCHENS	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	SSW/94.9	1.00	84
16	GEN	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	SSW/94.9	1.00	84
16	GEN	OTTAWA VALLEY KITCHEN CABINET MANUFACTURING LTD.	3855 MCBEAN STREET RICHMOND ON K0A 2Z0	SSW/94.9	1.00	85

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

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

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

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

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 ***Well ID:*** 1509289	WSW/130.6	0.00	139
42	WWIS		lot 3 con 6 ON ***Well ID:*** 1517577	NE/131.3	-1.00	141
43	WWIS		6004 OTTAWA STREET lot 25 con 2 RICHMOND ON ***Well ID:*** 1535994	NW/134.5	-1.00	144
44	WWIS		ON ***Well ID:*** 1509113	WNW/135.9	0.00	150
45	BORE		ON	SW/136.6	0.00	153
46	WWIS		lot 24 con 2 ON ***Well ID:*** 1520171	SSW/145.1	1.00	154
46	WWIS		lot 24 con 2 ON ***Well ID:*** 1520272	SSW/145.1	1.00	158
46	WWIS		lot 24 con 2 ON ***Well ID:*** 1521588	SSW/145.1	1.00	161
46	WWIS		lot 24 con 2 ON ***Well ID:*** 1521853	SSW/145.1	1.00	164
46	WWIS		lot 24 con 2 ON ***Well ID:*** 1523490	SSW/145.1	1.00	167
47	WWIS		ON ***Well ID:*** 1509115	W/146.0	0.00	171
48	WWIS		ON ***Well ID:*** 1509164	WSW/147.6	0.00	173

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

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 ***Well ID:*** 1509139	W/184.3	0.00	222
66	WWIS		ON ***Well ID:*** 1509257	WNW/186.6	0.00	225
67	WWIS		ON ***Well ID:*** 1502401	SSW/187.9	1.33	227
68	WWIS		ON ***Well ID:*** 1516664	WNW/191.5	0.00	229
69	WWIS		ON ***Well ID:*** 1509116	W/194.0	0.00	233
70	WWIS		ON ***Well ID:*** 1510301	W/194.3	0.00	235
71	BORE		ON	WNW/197.5	0.00	237
72	WWIS		lot 24 con 3 ON ***Well ID:*** 1517199	WNW/206.2	0.00	238
73	WWIS		ON ***Well ID:*** 1516543	W/209.7	0.00	241
74	WWIS		ON ***Well ID:*** 1509128	WNW/218.5	0.00	244
75	WWIS		ON ***Well ID:*** 1516764	WNW/218.9	0.00	246
76	WWIS		ON ***Well ID:*** 1509123	W/222.8	0.00	249
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
116	WWIS		LOT 8 RICHMOND FOREST lot 25 con 3 RICHMOND ON ***Well ID:*** 7112983	NW/299.4	0.00	402
117	GEN	CARLETON BOARD OF EDUCATION	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	W/299.9	0.00	408
117	GEN	CARLETON BOARD OF EDUCATION 07-623	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	W/299.9	0.00	408
117	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	W/299.9	0.00	409
117	CA	Ottawa-Carleton District School Board	3673 McBean St Ottawa ON	W/299.9	0.00	410
117	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON	W/299.9	0.00	410
117	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON	W/299.9	0.00	411
117	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON	W/299.9	0.00	412
117	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	W/299.9	0.00	413
117	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON	W/299.9	0.00	413
117	ECA	Ottawa-Carleton District School Board	3673 McBean St Ottawa ON K2H 6L3	W/299.9	0.00	414
117	GEN	OTTAWA-CARLETON DISTRICT SCHOOL BOARD	SOUTH CARLETON HIGH SCHOOL 3673 MCBEAN STREET RICHMOND ON K0A 2Z0	W/299.9	0.00	415

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

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.

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

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.

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

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

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.

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

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.

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

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.

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

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.

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

Site	Address	Distance (m)	Map Key
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.

Site	Address	Distance (m)	Map Key
	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.

Site	Address	Distance (m)	Map Key
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.

Site	Address	Distance (m)	Map Key
FIRSTCANADA ULC	3855 MCBEAN RICHMOND K0A 2Z0 ON CA 3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	91.0	14
FIRSTCANADA ULC	3855 MCBEAN RICHMOND K0A 2Z0 ON CA 3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	91.0	14
FIRSTCANADA ULC	3855 MCBEAN RICHMOND K0A 2Z0 ON CA 3855 MCBEAN RICHMOND K0A 2Z0 ON CA ON	91.0	14
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

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.

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

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

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

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

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

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.

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

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.

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

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.

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

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.

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

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

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.

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

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

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

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

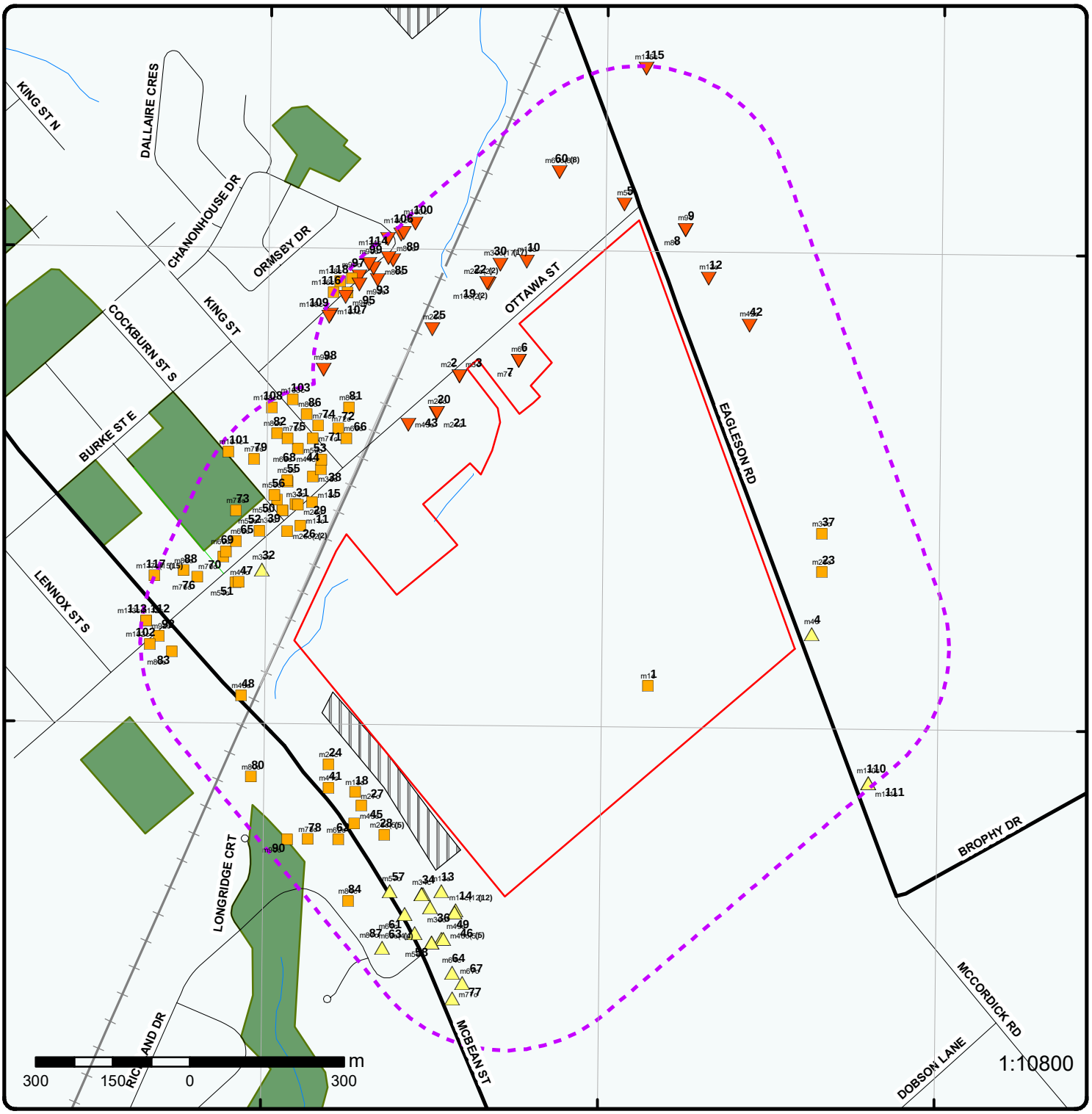
Site	Address	Distance (m)	Map Key
	Well ID: 1515362		
	ON ***Well ID:*** 1502400	180.8	64
	ON ***Well ID:*** 1509139	184.3	65
	ON ***Well ID:*** 1509257	186.6	66
	ON ***Well ID:*** 1502401	187.9	67
	ON ***Well ID:*** 1516664	191.5	68
	ON ***Well ID:*** 1509116	194.0	69
	ON ***Well ID:*** 1510301	194.3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

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

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

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

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



Map : 0.3 Kilometer Radius

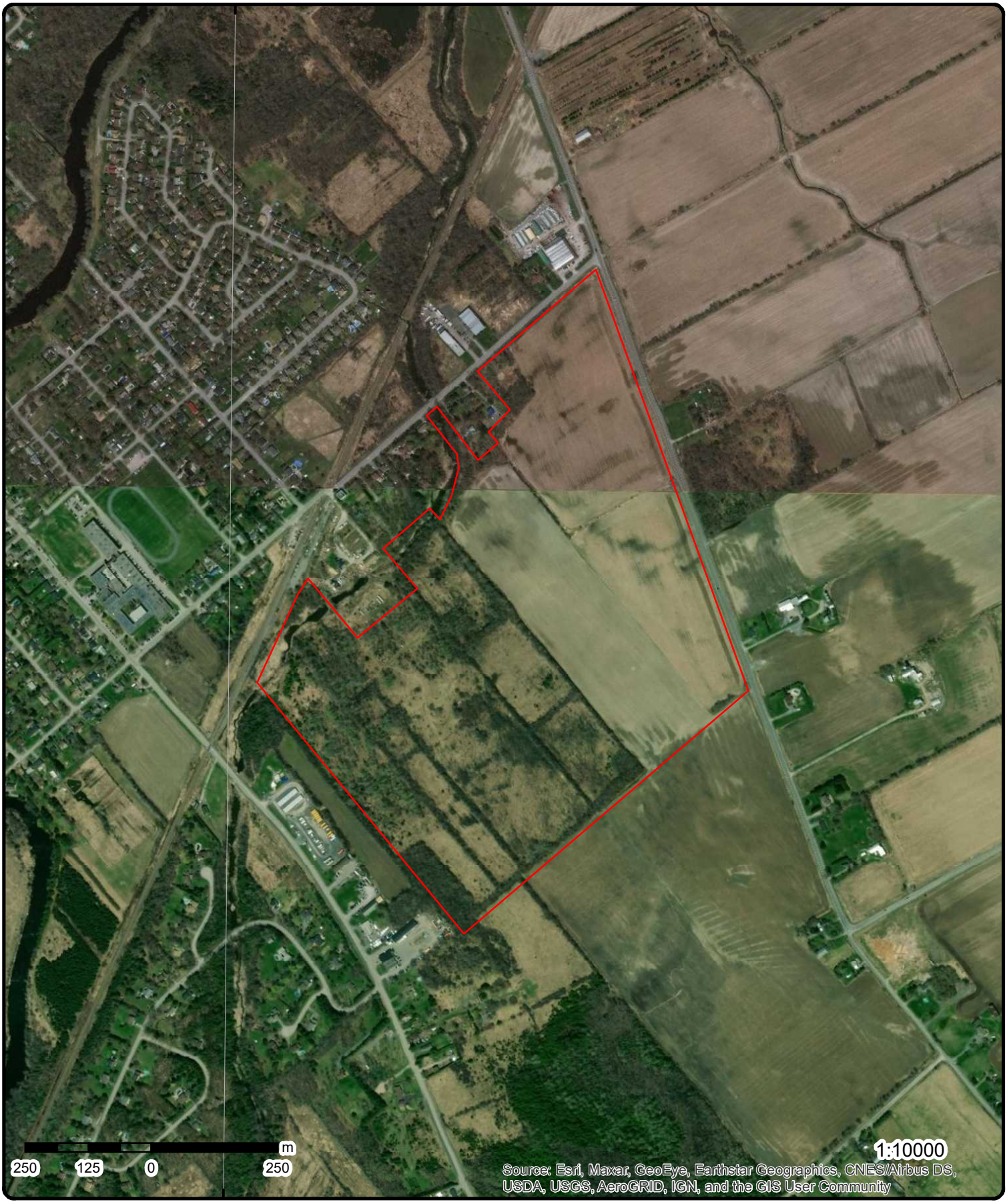
Order Number: 20321800180

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

ENVIRONMENTAL RISK INFORMATION SERVICES

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Expressway
- Principal Highway
- Secondary Highway
- Major Road
- Local road
- Trail
- Proposed Road
- Ferry Route/Ice Road
- Industrial and Resource - Regions
- Main Line
- Sidetrack
- Transit Line
- Abandoned Line
- National Park
- Provincial or Territorial Park
- Other Park
- Golf Course or Driving Range
- Park or Sports Field
- Other Recreation Area

75°49'30"W



Aerial

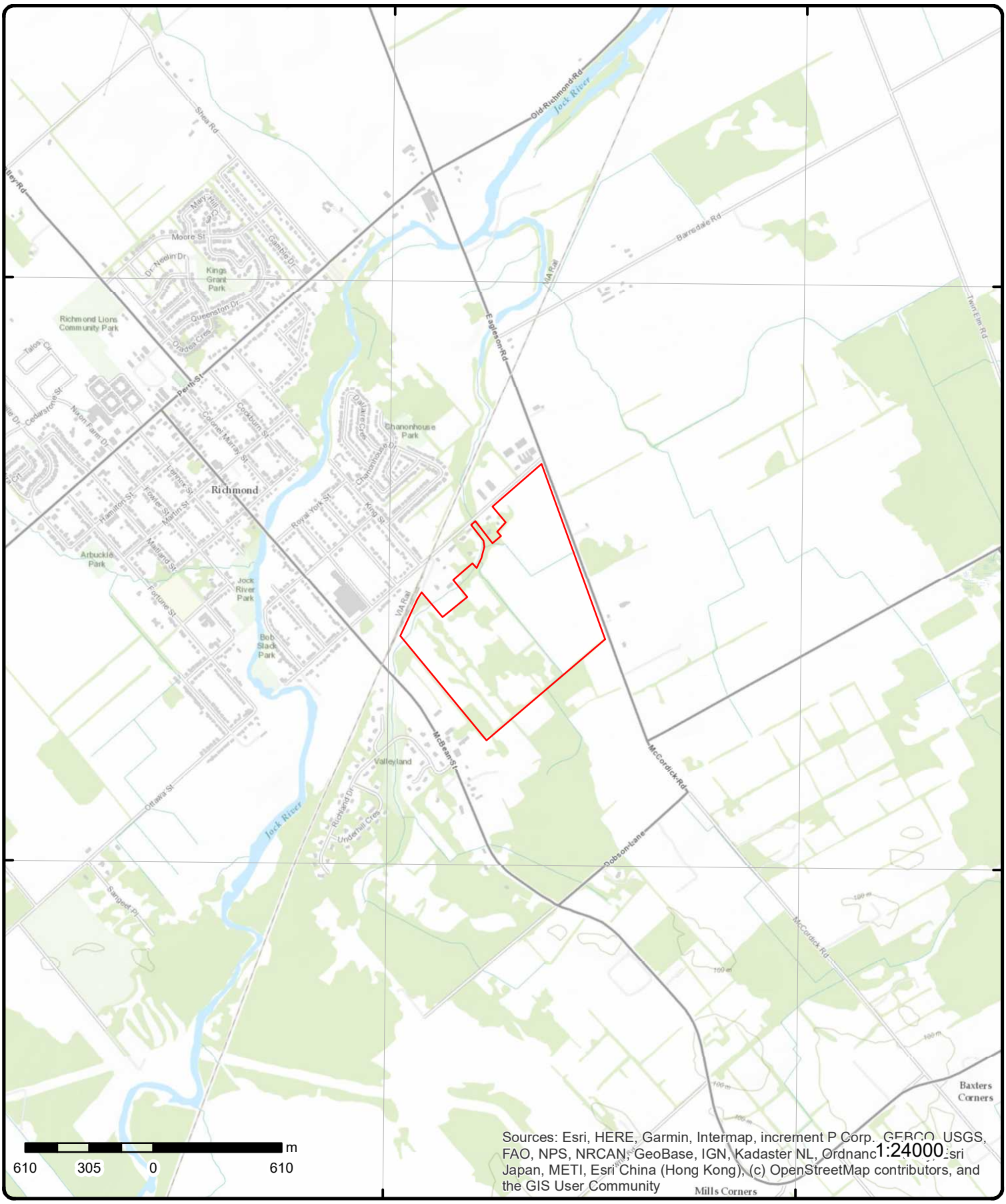
Year: 2015

Order Number: 20321800180

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

Source: ESRI World Imagery

ENVIRONMENTAL RISK INFORMATION SERVICES



Topographic Map

Order Number: 20321800180

Address: Vacant Land - Richmond (Ottawa), ON

Source: ESRI World Topographic Map

ERIS
ENVIRONMENTAL RISK INFORMATION SERVICES

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

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 165
Formation End Depth: 298
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID:	933113072
Layer:	1
Plug From:	0
Plug To:	24
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961528204
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10598313
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID:	934905373
Test Type:	Draw Down
Test Duration:	60
Test Level:	25
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934648189
Test Type:	Draw Down
Test Duration:	45
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934387252
Test Type:	Draw Down
Test Duration:	30
Test Level:	45
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934112443
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

Water Details

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

Water Details

Water ID:	933487812
Layer:	2
Kind Code:	5
Kind:	Not stated
Water Found Depth:	286
Water Found Depth UOM:	ft

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2 ***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

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

Formation ID:	931011738
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	

Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 13
Formation End Depth: 59
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID: 961509235
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10579838
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID:	933464043
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	55
Water Found Depth UOM:	ft

---

3 ***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:			

Borehole Geology Stratum

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:***	

Material 4: **Depositional Gen:**
Gsc Material Description:
Stratum Description: CLAY.

Geology Stratum ID: 218385269
Top Depth: 4
Bottom Depth: 18
Material Color: Brown
Material 1: Limestone
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: LIMESTONE. 00055WN. SILT,SAND,TILL. BROWN,DENSE TO VERY DENSE. 00004049DENSE TO VERY DENSE.

Mat Consistency: Dense
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: 02830 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

4	1 of 1	E/40.6	95.7 / 0.85	lot 2 con 6 ON	WWIS

Well ID: 1506369
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: 9/6/1959
Selected Flag: Yes
Abandonment Rec:
Contractor: 4824
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: NEPEAN TOWNSHIP
Site Info:
Lot: 002
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/150\1506369.pdf

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961506369
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10576982
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

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

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

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961514676
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10585216
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930064771

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID:	934644082
Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934383512
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934901969
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934100496
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933470604
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	94
Water Found Depth UOM:	ft

Water Details

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

Bore Hole Information

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:			

Overburden and Bedrock

Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961509315
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10579918
Casing No:	1

Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID:	933464137
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	58
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
7	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

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:			

Borehole Geology Stratum

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.		

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: 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:***	

Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: 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

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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

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID: 961506372

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

Pipe Information

Pipe ID: 10576985
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

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	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	8/15/1975
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\1514856.pdf

Bore Hole Information

Bore Hole ID:	10036825	**Elevation:**	94.69915
DP2BR:	15	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	435696.6
Code OB Desc:	Bedrock	**North83:**	5004546
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	7/31/1975	**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:	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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961514856
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10585395
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID:	934100668
Test Type:	Draw Down
Test Duration:	15
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934384101
Test Type:	Draw Down
Test Duration:	30
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934644668
Test Type:	Draw Down
Test Duration:	45
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934893793
Test Type:	Draw Down
Test Duration:	60
Test Level:	30
Test Level UOM:	ft

Water Details

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:***	

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\1509111.pdf

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID: 961509111
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10579715
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID: 933463911
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 75

Water Found Depth UOM: ft

Water Details

Water ID: 933463912
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 148
Water Found Depth UOM: ft

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12 **1 of 1** **NNE/88.0** **94.1 / -0.80** **ON** **BORE**

Borehole ID: 610334
OGF ID: 215511849
Status:
Type: Borehole
Use:
Completion Date:
Static Water Level: 6.1
Primary Water Use:
Sec. Water Use:
Total Depth m: -999
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 94.5
Elev Reliabil Note:
DEM Ground Elev m: 94.5
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: 45.191191
Longitude DD: -75.814095
UTM Zone: 18
Easting: 436051
Northing: 5004512
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218385300
Top Depth: 9.1
Bottom Depth: 11.6
Material Color:
Material 1: Sand
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: SAND.

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

Geology Stratum ID: 218385299
Top Depth: 6.1
Bottom Depth: 9.1
Material Color:
Material 1: Gravel
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: GRAVEL. WATER STABLE AT 290.0 FEET.

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

Geology Stratum ID: 218385301
Top Depth: 11.6
Bottom Depth:
Material Color: Brown

Mat Consistency: Firm
Material Moisture:
Material Texture:
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. CLAY,SILT. GREY,FIRM. 0001500700120002D. SILT,SAND,TILL. BROWN. 0 **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218385298	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	6.1	**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.		

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: 028420 NTS_Sheet: 31G04F		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
13	1 of 1	SSW/89.2	95.9 / 1.00	lot 24 con 2 ON	WWIS

Well ID:	1517837	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	7/8/1982
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\1517837.pdf

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961517837
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10588279
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID:	934376663
Test Type:	Draw Down
Test Duration:	30
Test Level:	80
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934103044
Test Type:	Draw Down
Test Duration:	15
Test Level:	80
Test Level UOM:	ft

Draw Down & Recovery

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

Draw Down & Recovery

Pump Test Detail ID:	934896190
Test Type:	Draw Down
Test Duration:	60
Test Level:	80
Test Level UOM:	ft

Water Details

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***

Delisted Expired Fuel Safety Facilities

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***

Delisted Expired Fuel Safety Facilities

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***

Delisted Expired Fuel Safety Facilities

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

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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
Status: Active
Cont Name:
Instance Type: FS Liquid Fuel Tank
Item: FS LIQUID FUEL TANK
Item Description: FS Liquid Fuel Tank
Tank Type: Single Wall UST
Install Date: 12/10/1997
Install Year: 1991
Years in Service: 13.3
Model: NULL
Description:
Capacity: 13600
Tank Material: Fiberglass (FRP)
Corrosion Protect: Fiberglass
Overfill Protect:
Manufacturer: NULL
Serial No: NULL
Ulc Standard: NULL
Quantity: 1
Unit of Measure: EA
Fuel Type: Diesel
Fuel Type2: NULL
Fuel Type3: NULL
Piping Steel:
Piping Galvanized:
Tanks Single Wall St:
Piping Underground:
Num Underground:
Panam Related: NULL
Panam Venue: NULL
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

Fuel Storage Tank Details

Owner Account Name: FIRSTCANADA ULC

Liquid Fuel Tank Details

Overfill Protection: NULL
Owner Account Name: FIRSTCANADA ULC

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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
Status: Active
Cont Name:
Instance Type: FS Liquid Fuel Tank
Item: FS LIQUID FUEL TANK
Manufacturer: NULL
Serial No: NULL
Ulc Standard: NULL
Quantity: 1
Unit of Measure: EA

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

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:	22700	***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

Fuel Storage Tank Details

Owner Account Name: FIRSTCANADA ULC

Liquid Fuel Tank Details

Overfill Protection: NULL
Owner Account Name: FIRSTCANADA ULC

14	***6 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:	11521723	***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:	22700	***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

Fuel Storage Tank Details

Owner Account Name: FIRSTCANADA ULC

Liquid Fuel Tank Details

Overfill Protection: NULL
Owner Account Name: FIRSTCANADA ULC

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
Status:
Approval Years: 2013
Contam. Facility:
MHSW Facility:
SIC Code: 337110
SIC Description: WOOD KITCHEN CABINET AND COUNTER TOP MANUFACTURING

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 337110
SIC Description: WOOD KITCHEN CABINET AND COUNTER TOP MANUFACTURING

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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
Status:
Approval Years: 2015
Contam. Facility: No

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:

MHSW Facility: No ***Phone No Admin:***
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 ***PO Box No:***
Status: ***Country:*** Canada
Approval Years: 2014 ***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

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 ***PO Box No:*** 1229
Status: Registered ***Country:*** Canada
Approval Years: As of Dec 2018 ***Choice of Contact:***
Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code:
SIC Description:

Detail(s)

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

Waste Class: 213 I
Waste Class Desc: Petroleum distillates

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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
Status: Registered
Approval Years: As of Jul 2020
Contam. Facility:
MHSW Facility:
SIC Code:
SIC Description:

PO Box No: 1229
Country: Canada
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

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15 | **1 of 1** | **WNW/91.7** | **94.9 / 0.00** | **Railterm inc.**
6058 Ottawa Street
Richmond ON K0A 2Z0 | **GEN**

Generator No: ON4569332
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: 121 C
Waste Class Desc: Alkaline slutions - containing heavy metals

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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
Status:
Approval Years: 92,93,94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 4573
SIC Description: SCHOOL BUS OPER.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

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** **GEN**
3855 MCBEAN STREET
RICHMOND ON K0A 2Z0

Generator No: ON0053620
Status:
Approval Years: 97
Contam. Facility:
MHSW Facility:
SIC Code: 4573
SIC Description: SCHOOL BUS OPER.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

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16 **6 of 14** **SSW/94.9** **95.9 / 1.00** **LAIDLAW TRANSIT LIMITED** **GEN**
3855 MCBEAN STREET
RICHMOND ON K0A 2Z0

Generator No: ON0053620
Status:
Approval Years: 98,99,00,01,02,03,04
Contam. Facility:
MHSW Facility:
SIC Code: 4573
SIC Description: SCHOOL BUS OPER.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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
Status:
Approval Years: 92,93,97,98
Contam. Facility:
MHSW Facility:
SIC Code: 2542
SIC Description: WOODEN KITCHEN CAB.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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
Status:
Approval Years: 94,95,96
Contam. Facility:
MHSW Facility:
SIC Code: 2542
SIC Description: WOODEN KITCHEN CAB.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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
Status:
Approval Years: 99,00,01
Contam. Facility:
MHSW Facility:
SIC Code: 2542
SIC Description: WOODEN KITCHEN CAB.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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
Status:
Approval Years: 02,03,04,05,06,07,08
Contam. Facility:
MHSW Facility:

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

SIC Code:
SIC Description:

Detail(s)

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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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
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 337110
SIC Description: Wood Kitchen Cabinet and Counter Top Manufacturing

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

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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
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 337110
SIC Description: Wood Kitchen Cabinet and Counter Top Manufacturing

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 337110
SIC Description: Wood Kitchen Cabinet and Counter Top Manufacturing

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 213
Waste Class Desc: PETROLEUM DISTILLATES

Waste Class: 211
Waste Class Desc: AROMATIC SOLVENTS

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 337110
SIC Description: Wood Kitchen Cabinet and Counter Top Manufacturing

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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
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
Status:
Approval Years: 89
Contam. Facility:
MHSW Facility:
SIC Code: 0000
SIC Description: *** NOT DEFINED ***

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

Detail(s)

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

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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
Status:
Approval Years: 90
Contam. Facility:
MHSW Facility:
SIC Code: 4573
SIC Description: SCHOOL BUS OPER.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

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18 | ***1 of 1*** | ***SW/96.2*** | ***94.9 / 0.00*** | ***3785 McBean St***
Richmond ON K0A 2Z0 | ***EHS***

Order No: 20312400373
Status: C
Report Type: Standard Report
Report Date: 27-NOV-20
Date Received: 24-NOV-20
Previous Site Name:
Lot/Building Size:
Additional Info Ordered: Fire Insur. Maps and/or Site Plans

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.8227231
Y: 45.1821378

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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
Site No:
Incident Dt: 4/10/1993
Year:
Incident Cause: ABOVE-GROUND TANK LEAK
Incident Event:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Environment Impact: CONFIRMED
Nature of Impact: Soil contamination
Receiving Medium: LAND
Receiving Env:
MOE Response:
Dt MOE Arvl on Scn:
MOE Reported Dt: 4/12/1993
Dt Document Closed:
Incident Reason: ICE/FROST DAMAGE
Site Name:
Site County/District:

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:
Site Geo Ref Accu:
Site Map Datum:
SAC Action Class:
Source Type:

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:

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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

Bore Hole Information

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

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID: 1002604775
Layer: 1
Plug From: 0
Plug To: 20
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1002604809
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1002604770
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Construction Record - Screen

Screen ID:	1002604781
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Results of Well Yield Testing

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:	

Draw Down & Recovery

Pump Test Detail ID:	1002604783
Test Type:	Recovery
Test Duration:	1
Test Level:	7.667

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604797
Test Type: Recovery
Test Duration: 20
Test Level: 5.583
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604788
Test Type: Draw Down
Test Duration: 4
Test Level: 14.75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604786
Test Type: Draw Down
Test Duration: 3
Test Level: 14.417
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604803
Test Type: Recovery
Test Duration: 40
Test Level: 5.583
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604784
Test Type: Draw Down
Test Duration: 2
Test Level: 13.667
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604794
Test Type: Draw Down
Test Duration: 15
Test Level: 15.583
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604807
Test Type: Recovery
Test Duration: 60
Test Level: 5.583
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604796
Test Type: Draw Down
Test Duration: 20
Test Level: 15.75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604793
Test Type: Recovery
Test Duration: 10
Test Level: 6
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604791
Test Type: Recovery
Test Duration: 5
Test Level: 6.25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604799
Test Type: Recovery
Test Duration: 25
Test Level: 5.583
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604787
Test Type: Recovery
Test Duration: 3
Test Level: 6.75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604806
Test Type: Draw Down
Test Duration: 60
Test Level: 16.333
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604785
Test Type: Recovery
Test Duration: 2
Test Level: 7.25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604792
Test Type: Draw Down
Test Duration: 10

Test Level: 15.417
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604801
Test Type: Recovery
Test Duration: 30
Test Level: 5.583
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604802
Test Type: Draw Down
Test Duration: 40
Test Level: 16.167
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604795
Test Type: Recovery
Test Duration: 15
Test Level: 5.667
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604800
Test Type: Draw Down
Test Duration: 30
Test Level: 16.083
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604804
Test Type: Draw Down
Test Duration: 50
Test Level: 16.25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604782
Test Type: Draw Down
Test Duration: 1
Test Level: 12.167
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604798
Test Type: Draw Down
Test Duration: 25
Test Level: 16
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	1002604789
Test Type:	Recovery
Test Duration:	4
Test Level:	6.417
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1002604790
Test Type:	Draw Down
Test Duration:	5
Test Level:	15.083
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1002604805
Test Type:	Recovery
Test Duration:	50
Test Level:	5.583
Test Level UOM:	ft

Water Details

Water ID:	1002604777
Layer:	2
Kind Code:	8
Kind:	Untested
Water Found Depth:	69
Water Found Depth UOM:	ft

Water Details

Water ID:	1002604778
Layer:	3
Kind Code:	8
Kind:	Untested
Water Found Depth:	73
Water Found Depth UOM:	ft

Water Details

Water ID:	1002604776
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	55
Water Found Depth UOM:	ft

Hole Diameter

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
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 5/15/2009
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 93.630126
Elevrc:
Zone: 18
East83: 435521
North83: 5004251
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

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

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID: 1002604447
Layer: 2
Plug From: 52
Plug To: 62
Plug Depth UOM: ft

Annular Space/Abandonment Sealing Record

Plug ID: 1002604446
Layer: 1
Plug From: 0
Plug To: 52
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 1002604481
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1002604440
Casing No: 0

Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Construction Record - Screen

Screen ID:	1002604453
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	ft
Screen Diameter UOM:	inch
Screen Diameter:	

Results of Well Yield Testing

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:	

Draw Down & Recovery

Pump Test Detail ID:	1002604455
Test Type:	Recovery

Test Duration: 1
Test Level: 7
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604458
Test Type: Draw Down
Test Duration: 3
Test Level: 13.167
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604474
Test Type: Draw Down
Test Duration: 40
Test Level: 16.667
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604467
Test Type: Recovery
Test Duration: 15
Test Level: 2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604472
Test Type: Draw Down
Test Duration: 30
Test Level: 16.667
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604464
Test Type: Draw Down
Test Duration: 10
Test Level: 16
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604456
Test Type: Draw Down
Test Duration: 2
Test Level: 12
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604479
Test Type: Recovery
Test Duration: 60
Test Level: 2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604454
Test Type: Draw Down
Test Duration: 1
Test Level: 9.5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604477
Test Type: Recovery
Test Duration: 50
Test Level: 2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604461
Test Type: Recovery
Test Duration: 4
Test Level: 3
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604478
Test Type: Draw Down
Test Duration: 60
Test Level: 16.667
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604471
Test Type: Recovery
Test Duration: 25
Test Level: 2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604475
Test Type: Recovery
Test Duration: 40
Test Level: 2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604476
Test Type: Draw Down
Test Duration: 50
Test Level: 16.667
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604462

Test Type: Draw Down
Test Duration: 5
Test Level: 14.667
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604465
Test Type: Recovery
Test Duration: 10
Test Level: 2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604473
Test Type: Recovery
Test Duration: 30
Test Level: 2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604463
Test Type: Recovery
Test Duration: 5
Test Level: 2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604460
Test Type: Draw Down
Test Duration: 4
Test Level: 14.167
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604469
Test Type: Recovery
Test Duration: 20
Test Level: 2
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604468
Test Type: Draw Down
Test Duration: 20
Test Level: 16.667
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 1002604457
Test Type: Recovery
Test Duration: 2
Test Level: 5
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	1002604466
Test Type:	Draw Down
Test Duration:	15
Test Level:	16.167
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1002604459
Test Type:	Recovery
Test Duration:	3
Test Level:	4
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	1002604470
Test Type:	Draw Down
Test Duration:	25
Test Level:	16.667
Test Level UOM:	ft

Water Details

Water ID:	1002604450
Layer:	3
Kind Code:	8
Kind:	Untested
Water Found Depth:	232
Water Found Depth UOM:	ft

Water Details

Water ID:	1002604448
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	58
Water Found Depth UOM:	ft

Water Details

Water ID:	1002604449
Layer:	2
Kind Code:	8
Kind:	Untested
Water Found Depth:	89
Water Found Depth UOM:	ft

Hole Diameter

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
Status: REGISTERED
Date: 2012-10-25
Record Type: EASR
Link Source: MOFA
Project Type: Automotive Refinishing Facility
Full Address:
Approval Type: EASR-Automotive Refinishing Facility
Full PDF Link: http://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=2253

SWP Area Name:
MOE District:
Municipality: RICHMOND
Latitude:
Longitude:
Geometry X:
Geometry Y:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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
Approval Date: 2004-04-01
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
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

MOE District: Ottawa
City:
Longitude: -75.81954999999999
Latitude: 45.19112
Geometry X:
Geometry Y:

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
23	1 of 1	E/100.3	94.9 / 0.00	ON	BORE

Borehole ID: 610307
OGF ID: 215511822
Status:
Type: Borehole
Use:
Completion Date:
Static Water Level:
Primary Water Use:
Sec. Water Use:
Total Depth m: -999
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 97.5
Elev Reliabil Note:
DEM Ground Elev m: 96.3
Concession:
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.18608
Longitude DD: -75.811221
UTM Zone: 18
Easting: 436271
Northing: 5003942
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218385229
Top Depth: 3.7
Bottom Depth:
Material Color: Brown

Mat Consistency: Stiff
Material Moisture:
Material Texture:
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. S. GREY. LIMESTONE. GREY. 00065 STIFF. SILT,SAND,TILL. BROWN,COMPAC **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218385228	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	3.7	**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.		

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: 028150 NTS_Sheet: 31G04F		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

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24 | ***1 of 1*** | ***WSW/101.8*** | ***94.9 / 0.00*** | ***3785 McBean Street Richmond ON K0A 2Z0*** | ***EHS***

Order No:	20190221068	**Nearest Intersection:**	
Status:	C	**Municipality:**	Ottawa
Report Type:	Standard Report	**Client Prov/State:**	ON
Report Date:	27-FEB-19	**Search Radius (km):**	.25
Date Received:	21-FEB-19	**X:**	-75.823389
Previous Site Name:		**Y:**	45.18262
Lot/Building Size:	4.9 acres		
Additional Info Ordered:			

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25 | ***1 of 1*** | ***NW/102.0*** | ***92.9 / -2.00*** | ***lot 25 con 3 ON*** | ***WWIS***

Well ID:	1531908	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	6/15/2001
Sec. Water Use:		**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	1558
Casing Material:		**Form Version:**	1
Audit No:	230098	**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:**	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:

Mat3 Desc:
Formation Top Depth: 160
Formation End Depth: 210
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID: 933117041
Layer: 1
Plug From: 0

Plug To: 44
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961531908
Method Construction Code: 4
Method Construction: Rotary (Air)
Other Method Construction:

Pipe Information

Pipe ID: 10602012
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID:	934115099
Test Type:	Draw Down
Test Duration:	15
Test Level:	200
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934915568
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934398854
Test Type:	Draw Down
Test Duration:	30
Test Level:	200
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934659235
Test Type:	Draw Down
Test Duration:	45
Test Level:	50
Test Level UOM:	ft

Water Details

Water ID:	933492526
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	210
Water Found Depth UOM:	ft

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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:***	

Flow Rate: ***UTM Reliability:***
Clear/Cloudy:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/151\1518579.pdf

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

Formation ID:	931038867
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:	205
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961518579
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10589019
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

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:	934103892
Test Type:	Draw Down
Test Duration:	15
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934379896
Test Type:	Draw Down
Test Duration:	30
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934649877
Test Type:	Draw Down
Test Duration:	45
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934898999
Test Type:	Draw Down
Test Duration:	60
Test Level:	60
Test Level UOM:	ft

Water Details

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:***	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:**	
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

Formation End Depth: 23
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961518580
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10589020
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID: 934103893
Test Type: Draw Down
Test Duration: 15
Test Level: 80
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934899000
Test Type: Draw Down
Test Duration: 60
Test Level: 80
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934379897
Test Type: Draw Down
Test Duration: 30
Test Level: 80
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934649878
Test Type: Draw Down
Test Duration: 45
Test Level: 80
Test Level UOM: ft

Water Details

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
Approval Date: 2015-06-17
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
MOE District:
City:
Longitude:
Latitude:
Geometry X:
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

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28	*1 of 5*	*SW/105.2*	*94.9 / 0.00*	***Regional Electric Motors Inc.*** ***3825 McBean St*** ***Richmond ON K0A 2Z0***	***SCT***

Established: 01-SEP-70
Plant Size (ft²):
Employment:

--Details--
Description: Electrical Wiring and Construction Supplies Wholesaler-Distributors
SIC/NAICS Code: 416110

Description: Industrial Machinery, Equipment and Supplies Wholesaler-Distributors
SIC/NAICS Code: 417230

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28 **2 of 5** **SW/105.2** **94.9 / 0.00** **CLIMATE WORKS LTD.** **GEN**
3825 MCBEAN STREET
RICHMOND ON

Generator No: ON9126940
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 811310
SIC Description:

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

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28 **3 of 5** **SW/105.2** **94.9 / 0.00** **CLIMATE WORKS LTD.** **GEN**
3825 MCBEAN STREET
RICHMOND ON K0A 2Z0

Generator No: ON9126940
Status:
Approval Years: 2016
Contam. Facility: No
MHSW Facility: No
SIC Code: 811310
SIC Description: COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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28 **4 of 5** **SW/105.2** **94.9 / 0.00** **CLIMATE WORKS LTD.** **GEN**
3825 MCBEAN STREET
RICHMOND ON K0A 2Z0

Generator No: ON9126940
Status:
Approval Years: 2015
Contam. Facility: No
MHSW Facility: No
SIC Code: 811310
SIC Description: COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE

PO Box No:
Country: Canada
Choice of Contact: CO_OFFICIAL
Co Admin:
Phone No Admin:

Detail(s)

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:

Detail(s)

Waste Class: 212 L
Waste Class Desc: Aliphatic solvents and residues

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

Bore Hole Information

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

Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961510997
Method Construction Code:	7
Method Construction:	Diamond
Other Method Construction:	

Pipe Information

Pipe ID:	10581570
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID: 933466063
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 100
Water Found Depth UOM: ft

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30 | ***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

--Details--
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

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30 | ***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

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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

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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

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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

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30 ***6 of 17*** ***NNW/110.2*** ***92.9 / -2.00*** ***QUATROSENSE ENVIRONMENTAL LIMITED*** ***GEN***
5935 OTTAWA STREET
RICHMOND ON K0A 2Z0

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.		

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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30 ***7 of 17*** ***NNW/110.2*** ***92.9 / -2.00*** ***QUATROSENSE ENVIRONMENTAL LIMITED*** ***GEN***
5935 OTTAWA STREET
RICHMOND ON K0A 2Z0

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		

Detail(s)

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

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30 ***8 of 17*** ***NNW/110.2*** ***92.9 / -2.00*** ***5935 Ottawa Street*** ***EHS***
Richmond ON

Order No:	20120620029	***Nearest Intersection:***	
Status:	C	***Municipality:***	
Report Type:	Custom Report	***Client Prov/State:***	ON
Report Date:	26-JUN-12	***Search Radius (km):***	.25
Date Received:	20-JUN-12	***X:***	-75.819994
Previous Site Name:		***Y:***	45.189918
Lot/Building Size:			
Additional Info Ordered:			

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30 ***9 of 17*** ***NNW/110.2*** ***92.9 / -2.00*** ***QUATROSENSE ENVIRONMENTAL LIMITED*** ***GEN***
5935 OTTAWA STREET
RICHMOND ON K0A 2Z0

Generator No:	ON2636700	***PO Box No:***	

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

Status: **Country:**
Approval Years: 2010 **Choice of Contact:**
Contam. Facility: **Co Admin:**
MHSW Facility: **Phone No Admin:**
SIC Code: 811210
SIC Description: Electronic and Precision Equipment Repair and Maintenance

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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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 **PO Box No:**
Status: **Country:**
Approval Years: 2011 **Choice of Contact:**
Contam. Facility: **Co Admin:**
MHSW Facility: **Phone No Admin:**
SIC Code: 811210
SIC Description: Electronic and Precision Equipment Repair and Maintenance

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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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 **PO Box No:**
Status: **Country:**
Approval Years: 2012 **Choice of Contact:**
Contam. Facility: **Co Admin:**
MHSW Facility: **Phone No Admin:**
SIC Code: 811210
SIC Description: Electronic and Precision Equipment Repair and Maintenance

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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30 ***12 of 17*** ***NNW/110.2*** ***92.9 / -2.00*** ***QUATROSENSE ENVIRONMENTAL LIMITED***
5935 OTTAWA STREET
RICHMOND ON ***GEN***

Generator No: ON2636700 **PO Box No:**
Status: **Country:**

Approval Years:	2013	**Choice of Contact:**	
Contam. Facility:		**Co Admin:**	
MHSW Facility:		**Phone No Admin:**	
SIC Code:	811210		
SIC Description:	ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND MAINTENANCE		

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*** ***GEN***
5935 OTTAWA STREET
RICHMOND ON K0A 2Z0

Generator No:	ON2636700	**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:	811210		
SIC Description:	ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND MAINTENANCE		

Detail(s)

Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS

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30 ***14 of 17*** ***NNW/110.2*** ***92.9 / -2.00*** ***QUATROSENSE ENVIRONMENTAL LIMITED*** ***GEN***
5935 OTTAWA STREET
RICHMOND ON K0A 2Z0

Generator No:	ON2636700	**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:	811210		
SIC Description:	ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND MAINTENANCE		

Detail(s)

Waste Class:	263
Waste Class Desc:	ORGANIC LABORATORY CHEMICALS
Waste Class:	212
Waste Class Desc:	ALIPHATIC SOLVENTS

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30 ***15 of 17*** ***NNW/110.2*** ***92.9 / -2.00*** ***QUATROSENSE ENVIRONMENTAL LIMITED*** ***GEN***
5935 OTTAWA STREET
RICHMOND ON K0A 2Z0

Generator No:	ON2636700	**PO Box No:**	
Status:		**Country:**	Canada
Approval Years:	2014	**Choice of Contact:**	CO_OFFICIAL

Contam. Facility: No
MHSW Facility: No
SIC Code: 811210
SIC Description: ELECTRONIC AND PRECISION EQUIPMENT REPAIR AND MAINTENANCE
Co Admin:
Phone No Admin:

Detail(s)

Waste Class: 263
Waste Class Desc: ORGANIC LABORATORY CHEMICALS

Waste Class: 212
Waste Class Desc: ALIPHATIC SOLVENTS

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30 | ***16 of 17*** | ***NNW/110.2*** | ***92.9 / -2.00*** | ***QUATROSENSE ENVIRONMENTAL LIMITED*** ***5935 OTTAWA STREET*** ***RICHMOND ON K0A 2Z0*** | ***GEN***

Generator No: ON2636700
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:

Detail(s)

Waste Class: 212 I
Waste Class Desc: Aliphatic solvents and residues

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30 | ***17 of 17*** | ***NNW/110.2*** | ***92.9 / -2.00*** | ***QUATROSENSE ENVIRONMENTAL LIMITED*** ***5935 OTTAWA STREET*** ***RICHMOND ON K0A 2Z0*** | ***GEN***

Generator No: ON2636700
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: 212 I
Waste Class Desc: Aliphatic solvents and residues

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31 | ***1 of 1*** | ***WNW/114.6*** | ***94.9 / 0.00*** | ***ON*** | ***WWIS***

Well ID: 1515324
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):
Data Entry Status:
Data Src: 1
Date Received: 5/6/1976
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA
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\1515324.pdf

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961515324
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10585851
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID:	934646341
Test Type:	Draw Down
Test Duration:	45
Test Level:	30
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934895468
Test Type:	Draw Down
Test Duration:	60
Test Level:	30

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934376465
Test Type: Draw Down
Test Duration: 30
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934100125
Test Type: Draw Down
Test Duration: 15
Test Level: 30
Test Level UOM: ft

Water Details

Water ID: 933471386
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 43
Water Found Depth UOM: ft

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32 ***1 of 1*** ***W/115.8*** ***96.0 / 1.08*** ***ON*** ***BORE***

Borehole ID: 610308
OGF ID: 215511823
Status:
Type: Borehole
Use: Geotechnical/Geological Investigation
Completion Date: SEP-1971
Static Water Level:
Primary Water Use: Not Used
Sec. Water Use:
Total Depth m: 4.9
Depth Ref: Ground Surface
Depth Elev:
Drill Method: Power auger
Orig Ground Elev m: 95.8
Elev Reliabil Note:
DEM Ground Elev m: 95.3
Concession:
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.186026
Longitude DD: -75.825095
UTM Zone: 18
Easting: 435181
Northing: 5003947
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218385230
Top Depth: 0
Bottom Depth: .3
Material Color: Brown
Material 1:
Material 2: Sand
Material 3: Gravel
Material 4:
Gsc Material Description:

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

Stratum Description: ARTIFICIAL,SAND, GRAVEL. BROWN.

Geology Stratum ID: 218385232
Top Depth: 1.8
Bottom Depth: 4.9
Material Color: Brown
Material 1: Silt
Material 2: Sand
Material 3: Till
Material 4:
Gsc Material Description:
Mat Consistency: Dense
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:
Stratum Description: SILT,SAND,TILL. BROWN,GREY,VERY DENSE. 0001002700058055150160008002165 00. STONE. GREY.

Geology Stratum ID: 218385231
Top Depth: .3
Bottom Depth: 1.8
Material Color: Brown
Material 1: Silt
Material 2: Sand
Material 3: Clay
Material 4:
Gsc Material Description:
Mat Consistency: Compact
Material Moisture:
Material Texture:
Non Geo Mat Type:
Geologic Formation:
Geologic Group:
Geologic Period:
Depositional Gen:
Stratum Description: SILT,SAND,CLAY. BROWN,COMPACT,LAYERED.

Source

Source Type: Data Survey
Source Orig: Geological Survey of Canada
Source Date: 1956-1972
Confidence: H
Observatio:
Source Appl: Spatial/Tabular
Source Iden: 1
Scale or Res: Varies
Horizontal: NAD27
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
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

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
Status:
Approval Years: 01
Contam. Facility:
PO Box No:
Country:
Choice of Contact:
Co Admin:

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

MHSW Facility: **Phone No Admin:**
SIC Code: 6351
SIC Description: GARAGES(GEN. REPAIR)

Detail(s)

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

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34 | **1 of 1** | **SSW/122.4** | **95.9 / 1.00** | **3837 McBean Street Richmond ON K0A 2Z0** | **EHS**

Order No: 20180515108
Status: C
Report Type: Standard Report
Report Date: 22-MAY-18
Date Received: 15-MAY-18
Previous Site Name:
Lot/Building Size:
Additional Info Ordered:

Nearest Intersection:
Municipality:
Client Prov/State: ON
Search Radius (km): .25
X: -75.821052
Y: 45.180363

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35 | **1 of 1** | **SSW/122.4** | **95.9 / 1.00** | **1496369 Ontario Inc. 3837 McBean St Richmond Ottawa ON** | **ECA**

Approval No: 2753-8PPRUW
Approval Date: 2012-01-18
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name:
Approval Type: ECA-WASTE MANAGEMENT SYSTEMS
Project Type: WASTE MANAGEMENT SYSTEMS
Address: 3837 McBean St Richmond
Full Address:
Full PDF Link: https://www.accessenvironment.ene.gov.on.ca/instruments/2676-8MRSE4-14.pdf

MOE District:
City:
Longitude:
Latitude:
Geometry X:
Geometry Y:

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36 | **1 of 1** | **SSW/125.6** | **95.9 / 1.00** | **3837 MCBEAN ST lot 24 con 2 RICHMOND ON** | **WWIS**

Well ID: 7318395
Construction Date:
Primary Water Use: Test Hole
Sec. Water Use: Monitoring
Final Well Status: Test Hole
Water Type:
Casing Material:
Audit No: Z286661
Tag: A215814
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):

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

Formation ID:	1007459025
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:	1.82
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID:	1007459035
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007459037
Layer:	3
Plug From:	2.13
Plug To:	3.96
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007459036
Layer:	2
Plug From:	0.31
Plug To:	2.13
Plug Depth UOM:	m

Method of Construction & Well Use

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

Pipe Information

Pipe ID:	1007459022
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Screen

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

Water Details

Water ID:	1007459029
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1007459027
Diameter:	11.43
Depth From:	0
Depth To:	2.13
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

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***

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

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

Method of Construction & Well Use

Method Construction ID: 961506370
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10576983
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	0
Pumping Duration MIN:	15
Flowing:	No

Water Details

Water ID:	933460504
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

---

38 ***1 of 1*** ***WNW/128.9*** ***94.9 / 0.00*** ***ON*** ***WWIS***

Well ID:	1509093	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	12/21/1949
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\1509093.pdf

Bore Hole Information

Bore Hole ID:	10031127	**Elevation:**	95.477264
DP2BR:	25	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	435280.7
Code OB Desc:	Bedrock	**North83:**	5004127
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	7/20/1948	**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:			

Overburden and Bedrock

Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961509093
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10579697
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID:	933463888
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	73
Water Found Depth UOM:	ft

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39 | ***1 of 1*** | ***W/130.4*** | ***94.9 / 0.00*** | ***lot 24 con 3 ON*** | ***WWIS***

Well ID:	1511083	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	7/10/1968
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 (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/151\1511083.pdf

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

Pipe ID: 10581655
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

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

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	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	7.9	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Sand	**Geologic Group:**	
Material 3:	Gravel	**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY,SAND,GRAVEL.		

Geology Stratum ID:	218385244	**Mat Consistency:**	Compact
Top Depth:	7.9	**Material Moisture:**	
Bottom Depth:	24.4	**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. 00035000600 FEET.VERY STIFF, WEATHERED. 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:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 02821 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

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

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961509289
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10579892
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

Pump Test ID:	991509289
Pump Set At:	
Static Level:	16

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

Water Details

Water ID:	933464109
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50
Water Found Depth UOM:	ft

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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:			

Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961517577
Method Construction Code:	2
Method Construction:	Rotary (Convent.)
Other Method Construction:	

Pipe Information

Pipe ID:	10588019
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID:	934895106
Test Type:	Draw Down
Test Duration:	60
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934102108
Test Type:	Draw Down
Test Duration:	15
Test Level:	60
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934645831
Test Type:	Draw Down
Test Duration:	45
Test Level:	60

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934375996
Test Type: Draw Down
Test Duration: 30
Test Level: 60
Test Level UOM: ft

Water Details

Water ID: 933474077
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 120
Water Found Depth UOM: ft

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43 | **1 of 1** | **NW/134.5** | **93.9 / -1.00** | **6004 OTTAWA STREET lot 25 con 2 RICHMOND ON** | **WWIS**

Well ID: 1535994
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z30775
Tag: A023099
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: 11/14/2005
Selected Flag: Yes
Abandonment Rec:
Contractor: 1119
Form Version: 3
Owner:
Street Name: 6004 OTTAWA STREET
County: OTTAWA
Municipality: RICHMOND VILLAGE (GOULBOURN)
Site Info: PLAN RP 4R6987 S/L 2
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/153\1535994.pdf

Bore Hole Information

Bore Hole ID: 11316533
DP2BR: 12
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 10/4/2005
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 94.367126
Elevrc:
Zone: 18
East83: 435466
North83: 5004228
Org CS: UTM83
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: wwr

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID:	933280772
Layer:	1
Plug From:	6.1
Plug To:	0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	961535994
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	11331388
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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:	

Draw Down & Recovery

Pump Test Detail ID:	11489025
Test Type:	Recovery
Test Duration:	5
Test Level:	3.2
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11489038
Test Type:	Recovery
Test Duration:	20
Test Level:	3.313
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11489042
Test Type:	Recovery
Test Duration:	30

Test Level: 3.12
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489047
Test Type: Recovery
Test Duration: 60
Test Level: 3.12
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489023
Test Type: Draw Down
Test Duration: 25
Test Level: 3.54
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489034
Test Type: Draw Down
Test Duration: 40
Test Level: 3.59
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489033
Test Type: Draw Down
Test Duration: 4
Test Level: 3.4
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489045
Test Type: Recovery
Test Duration: 40
Test Level: 3.12
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489032
Test Type: Draw Down
Test Duration: 30
Test Level: 3.56
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489036
Test Type: Recovery
Test Duration: 15
Test Level: 3.14
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489048
Test Type: Draw Down
Test Duration: 60
Test Level: 3.63
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489029
Test Type: Draw Down
Test Duration: 2
Test Level: 3.36
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489027
Test Type: Recovery
Test Duration: 4
Test Level: 3.21
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489037
Test Type: Draw Down
Test Duration: 20
Test Level: 3.52
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489030
Test Type: Recovery
Test Duration: 2
Test Level: 3.25
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489035
Test Type: Draw Down
Test Duration: 5
Test Level: 3.41
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489026
Test Type: Draw Down
Test Duration: 10
Test Level: 3.46
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489046
Test Type: Recovery

Test Duration: 50
Test Level: 3.12
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489043
Test Type: Recovery
Test Duration: 3
Test Level: 3.21
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489028
Test Type: Recovery
Test Duration: 1
Test Level: 3.3
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489024
Test Type: Draw Down
Test Duration: 1
Test Level: 3.31
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489044
Test Type: Draw Down
Test Duration: 50
Test Level: 3.61
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489039
Test Type: Recovery
Test Duration: 25
Test Level: 3.12
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489040
Test Type: Draw Down
Test Duration: 15
Test Level: 3.49
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11489031
Test Type: Draw Down
Test Duration: 3
Test Level: 3.38
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID:	11489041
Test Type:	Recovery
Test Duration:	10
Test Level:	3.17
Test Level UOM:	m

Water Details

Water ID:	934067379
Layer:	2
Kind Code:	
Kind:	
Water Found Depth:	27.43
Water Found Depth UOM:	m

Water Details

Water ID:	934067380
Layer:	1
Kind Code:	
Kind:	
Water Found Depth:	24.38
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	11534166
Diameter:	15.24
Depth From:	0
Depth To:	29.56
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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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

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961509113
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID: 10579717
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID: 933463914
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 70
Water Found Depth UOM: ft

Water Details

Water ID: 933463915
Layer: 2
Kind Code: 1

Kind: FRESH
Water Found Depth: 115
Water Found Depth UOM: ft

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45 **1 of 1** **SW/136.6** **94.9 / 0.00** **ON** **BORE**

Borehole ID: 610287
OGF ID: 215511803
Status:
Type: Borehole
Use:
Completion Date:
Static Water Level: 2.1
Primary Water Use:
Sec. Water Use:
Total Depth m: -999
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 94.5
Elev Reliabil Note:
DEM Ground Elev m: 96.2
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: 45.181586
Longitude DD: -75.822739
UTM Zone: 18
Easting: 435361
Northing: 5003452
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218385182
Top Depth: 0
Bottom Depth: 5.5
Material Color:
Material 1: Clay
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: CLAY.

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

Geology Stratum ID: 218385183
Top Depth: 5.5
Bottom Depth:
Material Color: Brown
Material 1: Bedrock
Material 2:
Material 3:
Material 4:
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.

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: M
Observatio:
Source Name: Urban Geology Automated Information System (UGAIS)
Source Details: File: OTTAWA1.txt RecordID: 027950 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

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		

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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

Most Common Material: SANDSTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 141
Formation End Depth: 143
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID: 933109024
Layer: 1
Plug From: 0
Plug To: 20
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961520171

Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10590586
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID: 934376811
Test Type: Recovery
Test Duration: 30
Test Level: 51
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934655562
Test Type: Recovery
Test Duration: 45
Test Level: 14
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934904951
Test Type: Recovery
Test Duration: 60
Test Level: 8
Test Level UOM: ft

Water Details

Water ID: 933477348
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 102
Water Found Depth UOM: ft

Water Details

Water ID: 933477349
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 143
Water Found Depth UOM: ft

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46 ***2 of 5*** ***SSW/145.1*** ***95.9 / 1.00*** ***lot 24 con 2 ON*** ***WWIS***

Well ID: 1520272
Construction Date:
Primary Water Use: Commerical
Sec. Water Use:
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: 1/27/1986
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot: 024
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/152\1520272.pdf

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961520272
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10590685

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID: 934905037
Test Type:
Test Duration: 60
Test Level: 130
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934377314
Test Type:
Test Duration: 30
Test Level: 130
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934110793
Test Type:	
Test Duration:	15
Test Level:	130
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934656068
Test Type:	
Test Duration:	45
Test Level:	130
Test Level UOM:	ft

Water Details

Water ID:	933477462
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	130
Water Found Depth UOM:	ft

Water Details

Water ID:	933477461
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

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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

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961521588
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID: 10591980
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID: 934652306
Test Type:
Test Duration: 45
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934390745
Test Type:
Test Duration: 30
Test Level: 60

Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934107063
Test Type:
Test Duration: 15
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934909956
Test Type:
Test Duration: 60
Test Level: 60
Test Level UOM: ft

Water Details

Water ID: 933479213
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 35
Water Found Depth UOM: ft

Water Details

Water ID: 933479214
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 80
Water Found Depth UOM: ft

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46 | **4 of 5** | **SSW/145.1** | **95.9 / 1.00** | **lot 24 con 2 ON** | **WWIS**

Well ID: 1521853
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 19319
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: 10/1/1987
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot: 024
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/152\1521853.pdf

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

Formation ID:	931049379
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	78

Mat2 Desc:	MEDIUM-GRAINED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	22
Formation End Depth:	100
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961521853
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10592236
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Pumping Duration MIN: 0
Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 934910621
Test Type: Draw Down
Test Duration: 60
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934108147
Test Type: Draw Down
Test Duration: 15
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934391271
Test Type: Draw Down
Test Duration: 30
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934653390
Test Type: Draw Down
Test Duration: 45
Test Level: 50
Test Level UOM: ft

Water Details

Water ID: 933479562
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 95
Water Found Depth UOM: ft

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46 | ***5 of 5*** | ***SSW/145.1*** | ***95.9 / 1.00*** | ***lot 24 con 2 ON*** | ***WWIS***

Well ID: 1523490
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 50809
Tag:
Construction Method:
Elevation (m):
Elevation Reliability:
Depth to Bedrock:
Well Depth:

Data Entry Status:
Data Src: 1
Date Received: 7/10/1989
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot: 024
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\1523490.pdf

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock

Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961523490
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10593835
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID:	934105015
Test Type:	Draw Down
Test Duration:	15
Test Level:	20
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934389663
Test Type:	Draw Down
Test Duration:	30
Test Level:	20
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934907848
Test Type:	Draw Down
Test Duration:	60

Test Level:	20
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934650223
Test Type:	Draw Down
Test Duration:	45
Test Level:	20
Test Level UOM:	ft

Water Details

Water ID:	933481781
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	198
Water Found Depth UOM:	ft

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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:			

Supplier Comment:

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961509115
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10579719
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID:	933463917
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	140
Water Found Depth UOM:	ft

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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:***	

Flow Rate: ***UTM Reliability:***
Clear/Cloudy:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509164.pdf

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961509164
Method Construction Code:	1

Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10579767
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933463965
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 132
Water Found Depth UOM: ft

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49 | **1 of 1** | **SSW/147.8** | **95.9 / 1.00** | **lot 24 con 2 ON** | **WWIS**

Well ID: 1531657
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 224697
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: 1/30/2001
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot: 024
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/153\1531657.pdf

Bore Hole Information

Bore Hole ID: 10053191
DP2BR: 8
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 11/3/2000
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 98.684112
Elevrc:
Zone: 18
East83: 435530.3
North83: 5003228
Org CS:
UTMRC: 9
UTMRC Desc: unknown UTM
Location Method: lot

Overburden and Bedrock Materials Interval

Formation ID: 931079157
Layer: 2
Color: 2

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID:	933116824
Layer:	1
Plug From:	0
Plug To:	21
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961531657
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID: 10601761
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID: 934658199
Test Type: Draw Down
Test Duration: 45
Test Level: 75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934114065
Test Type: Draw Down

Test Duration: 15
Test Level: 160
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934915090
Test Type: Draw Down
Test Duration: 60
Test Level: 60
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934397681
Test Type: Draw Down
Test Duration: 30
Test Level: 75
Test Level UOM: ft

Water Details

Water ID: 933492207
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 100
Water Found Depth UOM: ft

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50 | ***1 of 1*** | ***WNW/149.4*** | ***94.9 / 0.00*** | ***lot 24 con 3 ON*** | ***WWIS***

Well ID: 1509733
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: 1/8/1969
Selected Flag: Yes
Abandonment Rec:
Contractor: 1503
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/150\1509733.pdf

Bore Hole Information

Bore Hole ID: 10031765
DP2BR: 23
Spatial Status:
Code OB: r
Code OB Desc: Bedrock

Elevation: 95.723373
Elevrc:
Zone: 18
East83: 435210.7
North83: 5004082

Open Hole:
Cluster Kind:
Date Completed: 12/14/1968
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961509733
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10580335
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID:	933464625
Layer:	1

Kind Code:	1
Kind:	FRESH
Water Found Depth:	50
Water Found Depth UOM:	ft

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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

Formation End Depth:	7
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961517200
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10587647
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930068467
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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID: 934383146
Test Type: Recovery
Test Duration: 30
Test Level: 115
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934644228
Test Type: Recovery
Test Duration: 45
Test Level: 110
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934893921
Test Type: Recovery
Test Duration: 60
Test Level: 110
Test Level UOM: ft

Water Details

Water ID: 933473626
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 180
Water Found Depth UOM: ft

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52 | ***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

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

Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 25
Formation End Depth: 30
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID: 961509169
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10579772
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

Casing ID: 930055053
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

Results of Well Yield Testing

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

Water Details

Water ID: 933463970
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 35
Water Found Depth UOM: ft

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53 ***1 of 1*** ***WNW/152.4*** ***94.9 / 0.00*** ***6041 OTTAWA ST. lot 24 con 3 RICHMOND ON*** ***WWIS***

Well ID: 7110589
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z77591
Tag: A068479
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: 8/28/2008
Selected Flag: Yes
Abandonment Rec:
Contractor: 4875
Form Version: 4
Owner:
Street Name: 6041 OTTAWA ST.
County: OTTAWA
Municipality: GOULBOURN TOWNSHIP
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/711\7110589.pdf

Bore Hole Information

Bore Hole ID: 1001766957
DP2BR:
Spatial Status:
Code OB:

Elevation: 95.847618
Elevrc:
Zone: 18
East83: 435297

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID:	1001768344
Layer:	1
Plug From:	0
Plug To:	6
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1001768377
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	ROT AIR

Pipe Information

Pipe ID:	1001768338
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Screen

Screen ID:	1001768349
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

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

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: 1001768369
Test Type: Recovery
Test Duration: 30
Test Level: 6.48
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768374
Test Type: Draw Down
Test Duration: 60
Test Level: 19.08
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768361
Test Type: Recovery
Test Duration: 10
Test Level: 12.32
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768370
Test Type: Draw Down
Test Duration: 40
Test Level: 17.12
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768372
Test Type: Draw Down
Test Duration: 50
Test Level: 18.08
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768356
Test Type: Draw Down
Test Duration: 4
Test Level: 6.91
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768364
Test Type: Draw Down
Test Duration: 20
Test Level: 13.58

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768373
Test Type: Recovery
Test Duration: 50
Test Level: 3.77
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768366
Test Type: Draw Down
Test Duration: 25
Test Level: 14.56
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768355
Test Type: Recovery
Test Duration: 3
Test Level: 16.12
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768363
Test Type: Recovery
Test Duration: 15
Test Level: 10.12
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768352
Test Type: Draw Down
Test Duration: 2
Test Level: 4.91
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768375
Test Type: Recovery
Test Duration: 60
Test Level: 3.29
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768371
Test Type: Recovery
Test Duration: 40
Test Level: 4.93
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768362
Test Type: Draw Down
Test Duration: 15
Test Level: 11.82
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768359
Test Type: Recovery
Test Duration: 5
Test Level: 14.67
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768351
Test Type: Recovery
Test Duration: 1
Test Level: 17.78
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768353
Test Type: Recovery
Test Duration: 2
Test Level: 16.98
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768354
Test Type: Draw Down
Test Duration: 3
Test Level: 5.8
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768360
Test Type: Draw Down
Test Duration: 10
Test Level: 9.61
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768350
Test Type: Draw Down
Test Duration: 1
Test Level: 4.1
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768357
Test Type: Recovery
Test Duration: 4

Test Level: 15.29
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768368
Test Type: Draw Down
Test Duration: 30
Test Level: 15.44
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768365
Test Type: Recovery
Test Duration: 20
Test Level: 8.37
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768358
Test Type: Draw Down
Test Duration: 5
Test Level: 7.22
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001768367
Test Type: Recovery
Test Duration: 25
Test Level: 7.41
Test Level UOM: m

Water Details

Water ID: 1001768347
Layer: 3
Kind Code: 1
Kind: FRESH
Water Found Depth: 36
Water Found Depth UOM: m

Water Details

Water ID: 1001768345
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 12
Water Found Depth UOM: m

Water Details

Water ID: 1001768346
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 23

Water Found Depth UOM: m

Hole Diameter

Hole ID: 1001768343
Diameter: 14.61
Depth From:
Depth To: 15.2
Hole Depth UOM: ft
Hole Diameter UOM: cm

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54 | 1 of 1 | WNW/153.1 | 94.9 / 0.00 | ON | WWIS

Well ID: 1511257
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: 7/8/1971
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\1511257.pdf

Bore Hole Information

Bore Hole ID: 10033254
DP2BR: 20
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 6/9/1971
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 96.163002
Elevrc:
Zone: 18
East83: 435230.7
North83: 5004117
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

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

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:	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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961511257
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10581824
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	930059019

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID: 934381776
Test Type: Draw Down
Test Duration: 30
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934643354
Test Type: Draw Down
Test Duration: 45
Test Level: 70
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934097790
Test Type: Draw Down
Test Duration: 15
Test Level: 25
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934900833
Test Type: Draw Down
Test Duration: 60
Test Level: 80
Test Level UOM: ft

Water Details

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:	

Mat3:
Mat3 Desc:
Formation Top Depth: 0
Formation End Depth: 3
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID: 961518220
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10588660
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930069998
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:

Depth To: 63
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID: 934897809
Test Type: Draw Down
Test Duration: 60
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934378289
Test Type: Draw Down
Test Duration: 30
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934639348
Test Type: Draw Down
Test Duration: 45
Test Level: 30
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934103537
Test Type: Draw Down
Test Duration: 15
Test Level: 30
Test Level UOM: ft

Water Details

Water ID: 933474890
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 45
Water Found Depth UOM: ft

Water Details

Water ID: 933474891
Layer: 2
Kind Code: 1
Kind: FRESH
Water Found Depth: 60
Water Found Depth UOM: ft

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56 **1 of 1** **WNW/158.9** **94.9 / 0.00** **ON** **WWIS**

Well ID: 1510336
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: 11/28/1969
Selected Flag: Yes
Abandonment Rec:
Contractor: 1503
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\1510336.pdf

Bore Hole Information

Bore Hole ID: 10032364
DP2BR: 28
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 8/19/1969
Remarks:

Elevation: 95.804161
Elevrc:
Zone: 18
East83: 435205.7
North83: 5004092
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
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: 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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID: 961510336

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

Pipe Information

Pipe ID: 10580934
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID: 933465306
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 80
Water Found Depth UOM: ft

Water Details

Water ID:	933465307
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	110
Water Found Depth UOM:	ft

Water Details

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

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961518354
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10588794
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID:	934103670
Test Type:	Draw Down
Test Duration:	15
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934898359
Test Type:	Draw Down
Test Duration:	60
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934639899
Test Type:	Draw Down
Test Duration:	45
Test Level:	70
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934378839
Test Type:	Draw Down
Test Duration:	30
Test Level:	70

Test Level UOM: ft

Water Details

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
Construction Date:
Primary Water Use: Commerical
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: 12/18/1963
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:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509284.pdf

Bore Hole Information

Bore Hole ID: 10031317
DP2BR: 0
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 12/2/1963
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 98.771095
Elevrc:
Zone: 18
East83: 435510.7
North83: 5003222
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

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

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961509284
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10579887
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

Casing ID:	930055285
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	10

Casing Diameter:	4
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

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

Water Details

Water ID:	933464104
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	25
Water Found Depth UOM:	ft

---

59 ***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:			

Borehole Geology Stratum

Geology Stratum ID:	218385174	***Mat Consistency:***	
Top Depth:	0	***Material Moisture:***	
Bottom Depth:	3	***Material Texture:***	
Material Color:		***Non Geo Mat Type:***	

Material 1:	Shale	**Geologic Formation:**	
Material 2:		**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	SHALE.		

Geology Stratum ID:	218385175	**Mat Consistency:**	Dense
Top Depth:	3	**Material Moisture:**	
Bottom Depth:	14	**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. GREY. 00025E. 0000060. GREY. 00064STONE. TILL. BROWN,DENSE. 0004 **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:		**Horizontal:**	NAD27
Observatio:		**Verticalda:**	Mean Average Sea Level
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Details:	File: OTTAWA1.txt RecordID: 02792 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		

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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:		**Operator Box:**	
Licence No:		**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:		**Oper Area Code:**	
Licence Type:	Limited Vendor	**Oper Phone No:**	
Licence Type Code:	23	**Operator Ext:**	
Licence Class:		**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	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:			

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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	**Nearest Intersection:**	
Status:	C	**Municipality:**	
Report Type:	Custom Report	**Client Prov/State:**	ON
Report Date:	07-AUG-13	**Search Radius (km):**	.25
Date Received:	31-JUL-13	**X:**	-75.817813
Previous Site Name:		**Y:**	45.193036
Lot/Building Size:			
Additional Info Ordered:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:		**Operator Box:**	
Licence No:	16817	**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:	Legacy Licenses (Excluding TS)	**Oper Area Code:**	613
Licence Type:	General Vendor	**Oper Phone No:**	8385959
Licence Type Code:	22	**Operator Ext:**	
Licence Class:	01	**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:		**Operator Region:**	
Longitude:		**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	
County:		**SWP Area Name:**	
Trade Name:			
PDF Link:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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:		**Operator Box:**	
Licence No:	17995	**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:	Legacy Licenses (Excluding TS)	**Oper Area Code:**	613
Licence Type:	General Vendor	**Oper Phone No:**	8385959
Licence Type Code:	22	**Operator Ext:**	
Licence Class:	01	**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:		**Operator Region:**	
Longitude:		**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	
County:		**SWP Area Name:**	
Trade Name:			
PDF Link:			

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:		**Operator Box:**	259
Licence No:	13347	**Operator Class:**	
Status:		**Operator No:**	
Approval Date:		**Operator Type:**	
Report Source:	Legacy Licenses (Excluding TS)	**Oper Area Code:**	613
Licence Type:	Limited Vendor	**Oper Phone No:**	8385959
Licence Type Code:	23	**Operator Ext:**	
Licence Class:	01	**Operator Lot:**	
Licence Control:		**Oper Concession:**	
Latitude:		**Operator Region:**	
Longitude:		**Operator District:**	
Lot:		**Operator County:**	
Concession:		**Op Municipality:**	
Region:		**Post Office Box:**	
District:		**MOE District:**	
County:		**SWP Area Name:**	
Trade Name:			
PDF Link:			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
61	1 of 1	SW/171.7	95.9 / 1.00	3837 MCBEAN ST lot 24 con 2 RICHMOND ON	WWIS

Well ID:	7318396	**Data Entry Status:**	
Construction Date:		**Data Src:**	
Primary Water Use:	Test Hole	**Date Received:**	8/31/2018
Sec. Water Use:	Monitoring	**Selected Flag:**	Yes
Final Well Status:	Test Hole	**Abandonment Rec:**	
Water Type:		**Contractor:**	7241
Casing Material:		**Form Version:**	7
Audit No:	Z286637	**Owner:**	
Tag:	A215791	**Street Name:**	3837 MCBEAN ST
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):

Bore Hole Information

Bore Hole ID:	1007283724	**Elevation:**	
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	435459
Code OB Desc:		**North83:**	5003277
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:

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

Formation ID: 1007459042
Layer: 4
Color: 2

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

Annular Space/Abandonment Sealing Record

Plug ID:	1007459052
Layer:	2
Plug From:	0.31
Plug To:	2.74
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007459051
Layer:	1
Plug From:	0
Plug To:	0.31
Plug Depth UOM:	m

Annular Space/Abandonment Sealing Record

Plug ID:	1007459053
Layer:	3
Plug From:	2.74
Plug To:	4.57
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1007459050
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1007459038
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1007459046
Layer:	1
Material:	5
Open Hole or Material:	PLASTIC
Depth From:	0
Depth To:	3.1

Casing Diameter:	4.03
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Construction Record - Screen

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

Water Details

Water ID:	1007459045
Layer:	
Kind Code:	
Kind:	
Water Found Depth:	
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1007459043
Diameter:	11.93
Depth From:	0
Depth To:	2.13
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1007459044
Diameter:	7.62
Depth From:	2.13
Depth To:	4.57
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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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:**	

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

Bore Hole Information

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 bedrcok	**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:

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961515362
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10585883
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

Pump Test ID:	991515362
Pump Set At:	
Static Level:	
Final Level After Pumping:	18
Recommended Pump Depth:	20
Pumping Rate:	30
Flowing Rate:	5

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

Draw Down & Recovery

Pump Test Detail ID:	934100152
Test Type:	Draw Down
Test Duration:	15
Test Level:	18
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934376492
Test Type:	Draw Down
Test Duration:	30
Test Level:	18
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934646786
Test Type:	Draw Down
Test Duration:	45
Test Level:	18
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934895494
Test Type:	Draw Down
Test Duration:	60
Test Level:	18
Test Level UOM:	ft

Water Details

Water ID:	933471428
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	188
Water Found Depth UOM:	ft

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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	***Model:***	NULL
Status:	EXPIRED	***Quantity:***	1
Instance ID:		***Unit of Measure:***	EA
Instance Type:		***Fuel Type2:***	NULL
Instance Creation Dt:	11/6/1990	***Fuel Type3:***	NULL
Instance Install Dt:	11/6/1990	***Piping Steel:***	

Item:		**Piping Galvanized:**	
Item Description:	FS Liquid Fuel Tank	**Tank Single Wall St:**	
Facility Type:	FS LIQUID FUEL TANK	**Piping Underground:**	
Overfill Prot Type:	NULL	**Tank Underground:**	
Creation Date:	7/5/2009 1:22:24 AM	**Panam Related:**	NULL
Expired Date:		**Panam Venue Nm:**	NULL
Manufacturer:	NULL		
Source:	FS Liquid Fuel Tank		
Description:	UNDERGROUND TANK		
Serial No:	NULL		
Ulc Standard:	NULL		
Facility Location:	3855 MCBEAN RICHMOND K0A 2Z0 ON CA		

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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:	10940098	**Model:**	NULL
Status:	EXPIRED	**Quantity:**	1
Instance ID:		**Unit of Measure:**	EA
Instance Type:		**Fuel Type2:**	NULL
Instance Creation Dt:	11/6/1990	**Fuel Type3:**	NULL
Instance Install Dt:	11/6/1990	**Piping Steel:**	
Item:		**Piping Galvanized:**	
Item Description:	FS Liquid Fuel Tank	**Tank Single Wall St:**	
Facility Type:	FS LIQUID FUEL TANK	**Piping Underground:**	
Overfill Prot Type:	NULL	**Tank Underground:**	
Creation Date:	7/5/2009 1:22:25 AM	**Panam Related:**	NULL
Expired Date:		**Panam Venue Nm:**	NULL
Manufacturer:	NULL		
Source:	FS Liquid Fuel Tank		
Description:	UNDERGROUND TANK		
Serial No:	NULL		
Ulc Standard:	NULL		
Facility Location:	3855 MCBEAN RICHMOND K0A 2Z0 ON CA		

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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:	10940098	**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:	22700	**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		

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

Fuel Storage Tank Details

Owner Account Name: CHARTERWAYS TRANSPORTATION LTD

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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		

Fuel Storage Tank Details

Owner Account Name: CHARTERWAYS TRANSPORTATION LTD

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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

Bore Hole Information

Bore Hole ID:	10024443	***Elevation:***	98.988815
DP2BR:	14	***Elevrc:***	

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961502400
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10573013
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID:	933455183
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	65
Water Found Depth UOM:	ft

65	***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

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:	

Mat3:
Mat3 Desc:
Formation Top Depth: 26
Formation End Depth: 51
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961509139
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10579742
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Flowing: No

Water Details

Water ID: 933463940
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 51
Water Found Depth UOM: ft

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66 | ***1 of 1*** | ***WNW/186.6*** | ***94.9 / 0.00*** | ***ON*** | ***WWIS***

Well ID: 1509257
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: 6/1/1962
Selected Flag: Yes
Abandonment Rec:
Contractor: 1503
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/150\1509257.pdf

Bore Hole Information

Bore Hole ID: 10031290
DP2BR: 23
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 3/29/1962
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 95.262916
Elevrc:
Zone: 18
East83: 435345.7
North83: 5004202
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: p5

Overburden and Bedrock Materials Interval

Formation ID: 931011783
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:	23
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961509257
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10579860
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

Casing ID:	930055231
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

Results of Well Yield Testing

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

Water Details

Water ID:	933464068
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	76
Water Found Depth UOM:	ft

Water Details

Water ID:	933464067
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70
Water Found Depth UOM:	ft

Water Details

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:***	1
Primary Water Use:	Commerical	***Date Received:***	7/6/1964
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\1502401.pdf

Bore Hole Information

Bore Hole ID:	10024444	***Elevation:***	99.032188
DP2BR:	0	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	435570.7
Code OB Desc:	Bedrock	***North83:***	5003142
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	5
Date Completed:	6/11/1964	***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:			

Overburden and Bedrock Materials Interval

Formation ID:	930994432
Layer:	1
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0
Formation End Depth:	47
Formation End Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961502401
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10573014
Casing No:	1
Comment:	

Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID:	933455184
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

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

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

Mat2 Desc:	SAND
Mat3:	13
Mat3 Desc:	BOULDERS
Formation Top Depth:	0
Formation End Depth:	15
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961516664
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10587139
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID:	934381418
Test Type:	Draw Down
Test Duration:	30
Test Level:	25
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934899994
Test Type:	Draw Down
Test Duration:	60
Test Level:	25
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934642510
Test Type:	Draw Down
Test Duration:	45
Test Level:	25
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934102256
Test Type:	Draw Down
Test Duration:	15
Test Level:	25
Test Level UOM:	ft

Water Details

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
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Well ID:	1509116	**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):

Bore Hole Information

Bore Hole ID:	10031150	**Elevation:**	96.023872
DP2BR:	26	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	435110.7
Code OB Desc:	Bedrock	**North83:**	5003982
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	5
Date Completed:	10/9/1952	**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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock

Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961509116
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10579720
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

Pump Test ID:	991509116
Pump Set At:	
Static Level:	9
Final Level After Pumping:	20
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:	0
Pumping Duration MIN:	30
Flowing:	No

Water Details

Water ID:	933463918
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	115
Water Found Depth UOM:	ft

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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:			

Supplier Comment:

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961510301
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10580899
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID:	933465271
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70
Water Found Depth UOM:	ft

---

71 ***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:			

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

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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

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

Method of Construction & Well Use

Method Construction ID:	961517199
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10587646
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID:	934644227
Test Type:	Recovery

Test Duration:	45
Test Level:	8
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934383145
Test Type:	Recovery
Test Duration:	30
Test Level:	8
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934893920
Test Type:	Recovery
Test Duration:	60
Test Level:	8
Test Level UOM:	ft

Water Details

Water ID:	933473625
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	43
Water Found Depth UOM:	ft

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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

Open Hole:
Cluster Kind:
Date Completed: 3/28/1978
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:
Org CS:
UTMRC: 4
UTMRC Desc: margin of error : 30 m - 100 m
Location Method: p4

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID: 961516543
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10587024
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID:	934380891
Test Type:	Draw Down
Test Duration:	30
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934899884
Test Type:	Draw Down
Test Duration:	60
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934101177
Test Type:	Draw Down
Test Duration:	15
Test Level:	50
Test Level UOM:	ft

Draw Down & Recovery

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

Water Details

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

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

Formation ID:	931011521
Layer:	3
Color:	3
General Color:	BLUE
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	

Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 12
Formation End Depth: 190
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID: 961509128
Method Construction Code: 7
Method Construction: Diamond
Other Method Construction:

Pipe Information

Pipe ID: 10579732
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930054973
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE

Depth From:
Depth To: 190
Casing Diameter: 4
Casing Diameter UOM: inch
Casing Depth UOM: ft

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID: 933463930
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 185
Water Found Depth UOM: ft

---

75 ***1 of 1*** ***WNW/218.9*** ***94.9 / 0.00*** ***ON*** ***WWIS***

Well ID: 1516764
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:

Data Entry Status:
Data Src: 1
Date Received: 11/27/1978
Selected Flag: Yes
Abandonment Rec:
Contractor: 3644
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: RICHMOND VILLAGE
Site Info:
Lot:

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

Method of Construction & Well Use

Method Construction ID:	961516764
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10587230
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID:	934102334
Test Type:	Draw Down
Test Duration:	15
Test Level:	25
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934900487
Test Type:	Draw Down
Test Duration:	60
Test Level:	25
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934381496
Test Type:	Draw Down
Test Duration:	30
Test Level:	25
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934642586
Test Type:	Draw Down
Test Duration:	45
Test Level:	25
Test Level UOM:	ft

Water Details

Water ID:	933473121
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

76 ***1 of 1*** ***W/222.8*** ***94.9 / 0.00*** ***ON*** ***WWIS***

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

Bore Hole Information

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

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID: 961509123
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10579727
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

Casing ID: 930054962
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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID:	933463925
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45
Water Found Depth UOM:	ft

77 ***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	**Location Accuracy:**	
Elev Reliabil Note:		**Accuracy:**	Not Applicable
DEM Ground Elev m:	99		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218385167	**Mat Consistency:**	
Top Depth:	0	**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. STONE. GREY. 0010000060. GREY. 00064STONE. TILL. BROWN,DENS **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: 027880 NTS_Sheet: 31G04F		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
78	1 of 1	SW/225.1	94.9 / 0.00	lot 24 con 2 ON	WWIS

Well ID:	1510022	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	4/24/1969
Sec. Water Use:	0	**Selected Flag:**	Yes
Final Well Status:	Water Supply	**Abandonment Rec:**	
Water Type:		**Contractor:**	4216
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:**	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\1510022.pdf

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

Formation ID: 931013679

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID: 961510022
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10580623
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

Casing ID: 930056726
Layer: 2
Material: 4

Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	57
Casing Diameter:	5
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

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

Water Details

Water ID:	933464955
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50
Water Found Depth UOM:	ft

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79 ***1 of 1*** ***WNW/231.7*** ***94.9 / 0.00*** ***ON*** ***WWIS***

Well ID:	1510624	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	7/3/1970
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\1510624.pdf

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961510624
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10581220

Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID: 934898609
Test Type: Draw Down
Test Duration: 60
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934641128
Test Type: Draw Down
Test Duration: 45
Test Level: 20
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID:	934097233
Test Type:	Draw Down
Test Duration:	15
Test Level:	20
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934379551
Test Type:	Draw Down
Test Duration:	30
Test Level:	20
Test Level UOM:	ft

Water Details

Water ID:	933465653
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	52
Water Found Depth UOM:	ft

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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

Bore Hole Information

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

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: 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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID: 1001974083
Layer: 1
Plug From: 7.01
Plug To: 3.66
Plug Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1001974084
Layer: 2
Plug From: 3.66
Plug To: 0
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1001974118
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 1001974078
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Construction Record - Screen

Screen ID: 1001974090
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

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

Water State After Test:
Pumping Test Method: 0
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1001974104
Test Type: Recovery
Test Duration: 15
Test Level: 2.8
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974092
Test Type: Recovery
Test Duration: 1
Test Level: 2.88
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974110
Test Type: Recovery
Test Duration: 30
Test Level: 2.74
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974091
Test Type: Draw Down
Test Duration: 1
Test Level: 2.83
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974093
Test Type: Draw Down
Test Duration: 2
Test Level: 2.83
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974102
Test Type: Recovery
Test Duration: 10
Test Level: 2.8
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974112
Test Type: Recovery
Test Duration: 40
Test Level: 2.74

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974101
Test Type: Draw Down
Test Duration: 10
Test Level: 2.96
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974103
Test Type: Draw Down
Test Duration: 15
Test Level: 2.96
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974098
Test Type: Recovery
Test Duration: 4
Test Level: 2.84
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974105
Test Type: Draw Down
Test Duration: 20
Test Level: 2.96
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974108
Test Type: Recovery
Test Duration: 25
Test Level: 2.74
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974094
Test Type: Recovery
Test Duration: 2
Test Level: 2.86
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974099
Test Type: Draw Down
Test Duration: 5
Test Level: 2.88
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974107
Test Type: Draw Down
Test Duration: 25
Test Level: 2.96
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974116
Test Type: Recovery
Test Duration: 60
Test Level: 2.74
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974097
Test Type: Draw Down
Test Duration: 4
Test Level: 2.87
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974095
Test Type: Draw Down
Test Duration: 3
Test Level: 2.86
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974100
Test Type: Recovery
Test Duration: 5
Test Level: 2.83
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974096
Test Type: Recovery
Test Duration: 3
Test Level: 2.86
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974106
Test Type: Recovery
Test Duration: 20
Test Level: 2.77
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974111
Test Type: Draw Down
Test Duration: 40

Test Level: 2.96
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974115
Test Type: Draw Down
Test Duration: 60
Test Level: 2.96
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974109
Test Type: Draw Down
Test Duration: 30
Test Level: 2.96
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974113
Test Type: Draw Down
Test Duration: 50
Test Level: 2.96
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001974114
Test Type: Recovery
Test Duration: 50
Test Level: 2.74
Test Level UOM: m

Water Details

Water ID: 1001974085
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 9.75
Water Found Depth UOM: m

Water Details

Water ID: 1001974087
Layer: 3
Kind Code: 8
Kind: Untested
Water Found Depth: 13.72
Water Found Depth UOM: m

Water Details

Water ID: 1001974086
Layer: 2
Kind Code: 8
Kind: Untested
Water Found Depth: 11.58

Water Found Depth UOM: m

Hole Diameter

Hole ID: 1001974082
Diameter: 15.29
Depth From: 0
Depth To: 24.38
Hole Depth UOM: m
Hole Diameter UOM: cm

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81 ***1 of 1*** ***WNW/235.7*** ***94.9 / 0.00*** ***ON*** ***BORE***

Borehole ID: 610319
OGF ID: 215511834
Status:
Type: Borehole
Use:
Completion Date:
Static Water Level: 3.4
Primary Water Use:
Sec. Water Use:
Total Depth m: -999
Depth Ref: Ground Surface
Depth Elev:
Drill Method:
Orig Ground Elev m: 93
Elev Reliabil Note:
DEM Ground Elev m: 95.1
Concession:
Location D:
Survey D:
Comments:

Inclin FLG: No
SP Status: Initial Entry
Surv Elev: No
Piezometer: No
Primary Name:
Municipality:
Lot:
Township:
Latitude DD: 45.188877
Longitude DD: -75.822972
UTM Zone: 18
Easting: 435351
Northing: 5004262
Location Accuracy:
Accuracy: Not Applicable

Borehole Geology Stratum

Geology Stratum ID: 218385258
Top Depth: 0
Bottom Depth: 5.8
Material Color:
Material 1: Till
Material 2:
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: TILL.

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

Geology Stratum ID: 218385259
Top Depth: 5.8
Bottom Depth:
Material Color: Brown
Material 1: Bedrock
Material 2: Limestone
Material 3:
Material 4:
Gsc Material Description:
Stratum Description: BEDROCK,LIMESTONE. WATER STABLE AT 294.0 FEET.SILT,SAND,TILL. BROWN,GREY, DENSE TO VERY DENSE.

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

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: 028270 NTS_Sheet: 31G04F		
Confiden 1:	Reliable information but incomplete.		

Source List

Source Identifier:	1	**Horizontal Datum:**	NAD27
Source Type:	Data Survey	**Vertical Datum:**	Mean Average Sea Level
Source Date:	1956-1972	**Projection Name:**	Universal Transverse Mercator
Scale or Resolution:	Varies		
Source Name:	Urban Geology Automated Information System (UGAIS)		
Source Originators:	Geological Survey of Canada		

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82 | ***1 of 1*** | ***WNW/238.2*** | ***94.9 / 0.00*** | ***lot 24 con 3 ON*** | ***WWIS***

Well ID:	1510052	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	6/16/1969
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/151\1510052.pdf

Bore Hole Information

Bore Hole ID:	10032083	**Elevation:**	96.581954
DP2BR:	35	**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:	r	**East83:**	435210.7
Code OB Desc:	Bedrock	**North83:**	5004212
Open Hole:		**Org CS:**	
Cluster Kind:		**UTMRC:**	4
Date Completed:	4/15/1969	**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:			
Supplier Comment:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961510052
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10580653
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	12/21/1949
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\1502396.pdf

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961502396
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10573009
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

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***

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

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961515051
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	10585584
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID: 934894386
Test Type: Draw Down
Test Duration: 60
Test Level: 100
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934645680
Test Type: Draw Down
Test Duration: 45
Test Level: 100
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934100847
Test Type: Draw Down

Test Duration:	15
Test Level:	100
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934384698
Test Type:	Draw Down
Test Duration:	30
Test Level:	100
Test Level UOM:	ft

Water Details

Water ID:	933471055
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90
Water Found Depth UOM:	ft

Water Details

Water ID:	933471056
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	120
Water Found Depth UOM:	ft

Water Details

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:			

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/712\7123245.pdf

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

Formation ID:	1002573469
Layer:	2
Color:	2
General Color:	GREY

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

Annular Space/Abandonment Sealing Record

Plug ID:	1002573473
Layer:	1
Plug From:	0
Plug To:	8.53
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1002573496
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	AIR PERCUSSION

Pipe Information

Pipe ID:	1002573466
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Screen

Screen ID:	1002573476
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

Pump Test ID:	1002573467

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:	

Draw Down & Recovery

Pump Test Detail ID:	1002573485
Test Type:	Draw Down
Test Duration:	5
Test Level:	6.82
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1002573479
Test Type:	Draw Down
Test Duration:	2
Test Level:	5.55
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1002573486
Test Type:	Recovery
Test Duration:	5
Test Level:	3.27
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1002573489
Test Type:	Draw Down
Test Duration:	20
Test Level:	7.66
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1002573481
Test Type:	Draw Down
Test Duration:	3
Test Level:	6.15
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1002573491
Test Type:	Draw Down
Test Duration:	30

Test Level: 7.67
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573494
Test Type: Draw Down
Test Duration: 60
Test Level: 7.73
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573483
Test Type: Draw Down
Test Duration: 4
Test Level: 6.53
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573488
Test Type: Draw Down
Test Duration: 15
Test Level: 7.63
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573493
Test Type: Draw Down
Test Duration: 50
Test Level: 7.72
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573482
Test Type: Recovery
Test Duration: 3
Test Level: 3.47
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573478
Test Type: Recovery
Test Duration: 1
Test Level: 5.09
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573480
Test Type: Recovery
Test Duration: 2
Test Level: 3.92
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573492
Test Type: Draw Down
Test Duration: 40
Test Level: 7.72
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573484
Test Type: Recovery
Test Duration: 4
Test Level: 3.32
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573490
Test Type: Draw Down
Test Duration: 25
Test Level: 7.66
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573477
Test Type: Draw Down
Test Duration: 1
Test Level: 4.72
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573487
Test Type: Draw Down
Test Duration: 10
Test Level: 7.47
Test Level UOM: m

Water Details

Water ID: 1002573474
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 43.58
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1002573472
Diameter: 15.23
Depth From: 8.53
Depth To: 45.1
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

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:**	wwr
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

Mat3 Desc:	SANDY
Formation Top Depth:	0
Formation End Depth:	6.1
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID:	1000013837
Layer:	1
Plug From:	7.77
Plug To:	0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1000013859
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

Pipe Information

Pipe ID:	1000013832
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Screen

Screen ID:	1000013842

Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM:
Screen Diameter UOM:
Screen Diameter:

Results of Well Yield Testing

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:	

Draw Down & Recovery

Pump Test Detail ID:	1000013849
Test Type:	Draw Down
Test Duration:	5
Test Level:	5.71
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1000013851
Test Type:	Draw Down
Test Duration:	15
Test Level:	5.79
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1000013854
Test Type:	Draw Down
Test Duration:	30
Test Level:	5.82
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1000013846
Test Type:	Recovery
Test Duration:	2
Test Level:	4.87
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID: 1000013848
Test Type: Draw Down
Test Duration: 4
Test Level: 5.69
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1000013853
Test Type: Draw Down
Test Duration: 25
Test Level: 5.82
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1000013844
Test Type: Recovery
Test Duration: 1
Test Level: 4.94
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1000013850
Test Type: Draw Down
Test Duration: 10
Test Level: 5.76
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1000013857
Test Type: Draw Down
Test Duration: 60
Test Level: 5.84
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1000013855
Test Type: Draw Down
Test Duration: 40
Test Level: 5.83
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1000013845
Test Type: Draw Down
Test Duration: 2
Test Level: 5.63
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1000013856
Test Type: Draw Down
Test Duration: 50

Test Level: 5.83
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1000013843
Test Type: Draw Down
Test Duration: 1
Test Level: 5.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1000013852
Test Type: Draw Down
Test Duration: 20
Test Level: 5.82
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1000013847
Test Type: Draw Down
Test Duration: 3
Test Level: 5.66
Test Level UOM: m

Water Details

Water ID: 1000013838
Layer: 1
Kind Code:
Kind:
Water Found Depth: 15.54
Water Found Depth UOM: m

Water Details

Water ID: 1000013840
Layer: 3
Kind Code:
Kind:
Water Found Depth: 22.86
Water Found Depth UOM: m

Water Details

Water ID: 1000013839
Layer: 2
Kind Code:
Kind:
Water Found Depth: 19.2
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1000013836
Diameter: 14.91
Depth From:
Depth To: 24.99

Hole Depth UOM: m
Hole Diameter UOM: cm

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

Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID: 933219838
Layer: 1
Plug From: 0
Plug To: 22
Plug Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961532396
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 11065416
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

Casing ID: 930094735
Layer: 1
Material: 1
Open Hole or Material: STEEL

Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID: 934660924
Test Type:
Test Duration: 45
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934400957
Test Type:
Test Duration: 30
Test Level: 75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934116788
Test Type:
Test Duration: 15
Test Level: 95
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934918365
Test Type:
Test Duration: 60
Test Level: 40
Test Level UOM: ft

Water Details

Water ID: 934008580
Layer: 1

Kind Code: 5
Kind: Not stated
Water Found Depth: 27
Water Found Depth UOM: ft

Water Details

Water ID: 934008581
Layer: 2
Kind Code: 5
Kind: Not stated
Water Found Depth: 92
Water Found Depth UOM: ft

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Well ID: 1533079
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: 250384
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: 9/16/2002
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: GOULBOURN TOWNSHIP
Site Info:
Lot: 023
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/153\1533079.pdf

Bore Hole Information

Bore Hole ID: 10529826
DP2BR: 26
Spatial Status:
Code OB: r
Code OB Desc: Bedrock
Open Hole:
Cluster Kind:
Date Completed: 8/21/2002
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 96.028099
Elevrc:
Zone: 18
East83: 435029.2
North83: 5003945
Org CS:
UTMRC: 5
UTMRC Desc: margin of error : 100 m - 300 m
Location Method: gis

Overburden and Bedrock Materials Interval

Formation ID: 932880079

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID:	933230152
Layer:	1
Plug From:	0
Plug To:	29
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961533079
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	11078396
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

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:	934911857
Test Type:	Draw Down
Test Duration:	60
Test Level:	225
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934393893
Test Type:	Draw Down
Test Duration:	30
Test Level:	100
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934119043
Test Type:	Draw Down
Test Duration:	15
Test Level:	75
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934663177
Test Type:	Draw Down
Test Duration:	45
Test Level:	150
Test Level UOM:	ft

Water Details

Water ID:	934022441
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	236
Water Found Depth UOM:	ft

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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

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\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:**	wwr
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

Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID: 1002521258
Layer: 1
Plug From: 8.83
Plug To: 0
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1002521280
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction: ROTARY AIR

Pipe Information

Pipe ID: 1002521251
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Screen

Screen ID: 1002521261
Layer:
Slot:
Screen Top Depth:

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

Test Duration: 5
Test Level: 5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521277
Test Type: Draw Down
Test Duration: 50
Test Level: 5.13
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521275
Test Type: Draw Down
Test Duration: 30
Test Level: 5.12
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521276
Test Type: Draw Down
Test Duration: 40
Test Level: 5.13
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521278
Test Type: Draw Down
Test Duration: 60
Test Level: 5.14
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521269
Test Type: Recovery
Test Duration: 4
Test Level: 4
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521271
Test Type: Draw Down
Test Duration: 10
Test Level: 5.08
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521264
Test Type: Draw Down
Test Duration: 2
Test Level: 4.9
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID:	1002521272
Test Type:	Draw Down
Test Duration:	15
Test Level:	5.09
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1002521265
Test Type:	Recovery
Test Duration:	2
Test Level:	4.11
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1002521268
Test Type:	Draw Down
Test Duration:	4
Test Level:	4.98
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1002521273
Test Type:	Draw Down
Test Duration:	20
Test Level:	5.11
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1002521274
Test Type:	Draw Down
Test Duration:	25
Test Level:	5.12
Test Level UOM:	m

Water Details

Water ID:	1002521259
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	43.27
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1002521257
Diameter:	15.23
Depth From:	8.83
Depth To:	45.1
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

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:	

Mat3:
Mat3 Desc:
Formation Top Depth: 168
Formation End Depth: 185
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID: 961515418
Method Construction Code: 5

Method Construction: Air Percussion
Other Method Construction:

Pipe Information

Pipe ID: 10585936
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID: 933471507
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 96
Water Found Depth UOM: ft

Water Details

Water ID:	933471508
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	182
Water Found Depth UOM:	ft

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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

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

Formation ID:	1001982476
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: 6.09
Formation End Depth: 45.1
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1001982475
Layer: 2
Color: 2
General Color: GREY
Mat1: 05
Most Common Material: CLAY
Mat2: 12
Mat2 Desc: STONES
Mat3: 86
Mat3 Desc: STICKY
Formation Top Depth: 3.65
Formation End Depth: 6.09
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

Formation ID: 1001982474
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

Annular Space/Abandonment Sealing Record

Plug ID: 1001982479
Layer: 1
Plug From: 8.53
Plug To: 0
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1001982503
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction: ROTARY AIR

Pipe Information

Pipe ID: 1001982472

Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Screen

Screen ID: 1001982482
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

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:

Draw Down & Recovery

Pump Test Detail ID: 1001982483
Test Type: Draw Down
Test Duration: 1
Test Level: 6.03
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001982495
Test Type: Draw Down
Test Duration: 15
Test Level: 13.38
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001982493
Test Type: Draw Down
Test Duration: 10
Test Level: 12.29
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001982496
Test Type: Recovery
Test Duration: 15
Test Level: 4.16
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001982500
Test Type: Draw Down
Test Duration: 50
Test Level: 15.09
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001982486
Test Type: Recovery
Test Duration: 2
Test Level: 10.35
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001982499
Test Type: Draw Down
Test Duration: 40
Test Level: 14.95
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001982490
Test Type: Recovery
Test Duration: 4
Test Level: 7.38
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001982494
Test Type: Recovery
Test Duration: 10
Test Level: 4.25
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001982497
Test Type: Draw Down
Test Duration: 25
Test Level: 14.4
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001982492
Test Type: Recovery
Test Duration: 5
Test Level: 6.1
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001982487
Test Type: Draw Down
Test Duration: 3
Test Level: 8.49
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001982498
Test Type: Draw Down
Test Duration: 30
Test Level: 14.62
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001982488
Test Type: Recovery
Test Duration: 3
Test Level: 8.73
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001982484
Test Type: Recovery
Test Duration: 1
Test Level: 12.05
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001982489
Test Type: Draw Down
Test Duration: 4
Test Level: 9.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001982491
Test Type: Draw Down
Test Duration: 5
Test Level: 9.99

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001982501
Test Type: Draw Down
Test Duration: 60
Test Level: 15.23
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001982485
Test Type: Draw Down
Test Duration: 2
Test Level: 7.44
Test Level UOM: m

Water Details

Water ID: 1001982480
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 42.36
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1001982477
Diameter: 15.86
Depth From: 0
Depth To: 8.53
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1001982478
Diameter: 15.07
Depth From: 8.53
Depth To: 45.1
Hole Depth UOM: m
Hole Diameter UOM: cm

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92 ***1 of 1*** ***W/263.5*** ***94.9 / 0.00*** ***ON*** ***WWIS***

Well ID: 1509138
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:

Data Entry Status:
Data Src: 1
Date Received: 4/3/1956
Selected Flag: Yes
Abandonment Rec:
Contractor: 3601
Form Version: 1
Owner:
Street Name:
County: OTTAWA
Municipality: RICHMOND VILLAGE
Site Info:
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\1509138.pdf

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961509138
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10579741
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID:	933463939
Layer:	1

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

Formation End Depth:	3.04
Formation End Depth UOM:	m

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID:	1001919967
Layer:	1
Plug From:	13.1
Plug To:	0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1001919991
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	AIR PERCUSSION

Pipe Information

Pipe ID:	1001919959
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Screen

Screen ID:	1001919970
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

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:	

Draw Down & Recovery

Pump Test Detail ID: 1001919975
Test Type: Draw Down
Test Duration: 3
Test Level: 8.14
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001919971
Test Type: Draw Down
Test Duration: 1
Test Level: 6.3
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001919987
Test Type: Draw Down
Test Duration: 40
Test Level: 10.53
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001919980
Test Type: Recovery
Test Duration: 5
Test Level: 4.8
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001919977
Test Type: Draw Down
Test Duration: 4
Test Level: 8.67
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001919983
Test Type: Draw Down
Test Duration: 15
Test Level: 10.27
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001919974
Test Type: Recovery
Test Duration: 2
Test Level: 6.7
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001919986
Test Type: Draw Down
Test Duration: 30
Test Level: 10.5

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001919988
Test Type: Draw Down
Test Duration: 50
Test Level: 10.55
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001919985
Test Type: Draw Down
Test Duration: 25
Test Level: 10.47
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001919989
Test Type: Draw Down
Test Duration: 60
Test Level: 10.56
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001919982
Test Type: Recovery
Test Duration: 10
Test Level: 4.55
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001919973
Test Type: Draw Down
Test Duration: 2
Test Level: 7.38
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001919981
Test Type: Draw Down
Test Duration: 10
Test Level: 10
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001919984
Test Type: Draw Down
Test Duration: 20
Test Level: 10.41
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001919979
Test Type: Draw Down
Test Duration: 5
Test Level: 9.09
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001919978
Test Type: Recovery
Test Duration: 4
Test Level: 5.05
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001919976
Test Type: Recovery
Test Duration: 3
Test Level: 5.67
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001919972
Test Type: Recovery
Test Duration: 1
Test Level: 8.23
Test Level UOM: m

Water Details

Water ID: 1001919968
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 41.75
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1001919965
Diameter: 15.86
Depth From: 0
Depth To: 13.1
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

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***

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

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

Formation ID:	1002573559

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID:	1002573564
Layer:	1
Plug From:	0
Plug To:	8.83
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1002573584
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	AIR PERCUSSION

Pipe Information

Pipe ID:	1002573557
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002573566
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

Construction Record - Screen

Screen ID: 1002573567
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

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:

Draw Down & Recovery

Pump Test Detail ID: 1002573572
Test Type: Draw Down
Test Duration: 3
Test Level: 4.7
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573580
Test Type: Draw Down
Test Duration: 40
Test Level: 4.8
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573568
Test Type: Draw Down
Test Duration: 1
Test Level: 4.49
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573578
Test Type: Draw Down
Test Duration: 25
Test Level: 4.8
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573581
Test Type: Draw Down
Test Duration: 50
Test Level: 4.8
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573582
Test Type: Draw Down
Test Duration: 60
Test Level: 4.81
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573571
Test Type: Recovery
Test Duration: 2
Test Level: 3.58
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573575
Test Type: Draw Down
Test Duration: 10
Test Level: 4.75
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573576
Test Type: Draw Down
Test Duration: 15
Test Level: 4.77
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573579
Test Type: Draw Down
Test Duration: 30
Test Level: 4.8
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573570
Test Type: Draw Down
Test Duration: 2
Test Level: 4.65

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573573
Test Type: Draw Down
Test Duration: 4
Test Level: 4.72
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573569
Test Type: Recovery
Test Duration: 1
Test Level: 3.67
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573577
Test Type: Draw Down
Test Duration: 20
Test Level: 4.8
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573574
Test Type: Draw Down
Test Duration: 5
Test Level: 4.73
Test Level UOM: m

Water Details

Water ID: 1002573565
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 42.66
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1002573562
Diameter: 15.86
Depth From: 0
Depth To: 8.83
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

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

Bore Hole Information

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID:	1002654478
Layer:	1
Plug From:	9.44
Plug To:	0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1002654505
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	ROTARY AIR

Pipe Information

Pipe ID:	1002654471
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002654481
Layer:	1

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

Construction Record - Screen

Screen ID:	1002654482
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

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:	

Draw Down & Recovery

Pump Test Detail ID:	1002654497
Test Type:	Draw Down
Test Duration:	20
Test Level:	17.47
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1002654486
Test Type:	Recovery
Test Duration:	2
Test Level:	16.05
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1002654490
Test Type:	Recovery
Test Duration:	4
Test Level:	12.59
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID: 1002654487
Test Type: Draw Down
Test Duration: 3
Test Level: 8.68
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654492
Test Type: Recovery
Test Duration: 5
Test Level: 11.07
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654496
Test Type: Recovery
Test Duration: 15
Test Level: 4.31
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654494
Test Type: Recovery
Test Duration: 10
Test Level: 6.07
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654483
Test Type: Draw Down
Test Duration: 1
Test Level: 5.93
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654484
Test Type: Recovery
Test Duration: 1
Test Level: 18.15
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654493
Test Type: Draw Down
Test Duration: 10
Test Level: 14.17
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654488
Test Type: Recovery
Test Duration: 3
Test Level: 14.34
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654502
Test Type: Draw Down
Test Duration: 50
Test Level: 20.55
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654495
Test Type: Draw Down
Test Duration: 15
Test Level: 16.24
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654485
Test Type: Draw Down
Test Duration: 2
Test Level: 7.38
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654491
Test Type: Draw Down
Test Duration: 5
Test Level: 10.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654499
Test Type: Draw Down
Test Duration: 25
Test Level: 18.53
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654503
Test Type: Draw Down
Test Duration: 60
Test Level: 20.91
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654500
Test Type: Draw Down
Test Duration: 30
Test Level: 19.27

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654498
Test Type: Recovery
Test Duration: 20
Test Level: 4.07
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654489
Test Type: Draw Down
Test Duration: 4
Test Level: 9.77
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654501
Test Type: Draw Down
Test Duration: 40
Test Level: 20.25
Test Level UOM: m

Water Details

Water ID: 1002654480
Layer: 2
Kind Code: 8
Kind: Untested
Water Found Depth: 43.27
Water Found Depth UOM: m

Water Details

Water ID: 1002654479
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 35.05
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1002654477
Diameter: 15.23
Depth From: 9.44
Depth To: 45.1
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1002654476
Diameter: 15.86
Depth From: 0
Depth To: 9.44
Hole Depth UOM: m

Hole Diameter UOM: cm

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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

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID:	1002654356
Layer:	1
Plug From:	9.14
Plug To:	0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID: 1002654380
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction: ROTARY AIR

Pipe Information

Pipe ID: 1002654348
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Screen

Screen ID: 1002654359
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

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:

Draw Down & Recovery

Pump Test Detail ID: 1002654370
Test Type: Draw Down
Test Duration: 10
Test Level: 6.47

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654362
Test Type: Draw Down
Test Duration: 2
Test Level: 5.8
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654368
Test Type: Draw Down
Test Duration: 5
Test Level: 6.27
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654369
Test Type: Recovery
Test Duration: 5
Test Level: 4.19
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654360
Test Type: Draw Down
Test Duration: 1
Test Level: 5.33
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654363
Test Type: Recovery
Test Duration: 2
Test Level: 4.53
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654378
Test Type: Draw Down
Test Duration: 60
Test Level: 6.6
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654371
Test Type: Recovery
Test Duration: 10
Test Level: 4.1
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654361
Test Type: Recovery
Test Duration: 1
Test Level: 5.06
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654365
Test Type: Recovery
Test Duration: 3
Test Level: 4.34
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654367
Test Type: Recovery
Test Duration: 4
Test Level: 4.25
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654373
Test Type: Draw Down
Test Duration: 20
Test Level: 6.54
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654377
Test Type: Draw Down
Test Duration: 50
Test Level: 6.6
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654366
Test Type: Draw Down
Test Duration: 4
Test Level: 6.19
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654372
Test Type: Draw Down
Test Duration: 15
Test Level: 6.52
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654374
Test Type: Draw Down
Test Duration: 25

Test Level: 6.55
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654376
Test Type: Draw Down
Test Duration: 40
Test Level: 6.59
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654375
Test Type: Draw Down
Test Duration: 30
Test Level: 6.57
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654364
Test Type: Draw Down
Test Duration: 3
Test Level: 5.93
Test Level UOM: m

Water Details

Water ID: 1002654357
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 25.9
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1002654354
Diameter: 15.86
Depth From: 0
Depth To: 9.14
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1002654355
Diameter: 15.23
Depth From: 9.14
Depth To: 29.86
Hole Depth UOM: m
Hole Diameter UOM: cm

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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
Construction Date:
Primary Water Use: Domestic
Data Entry Status:
Data Src:
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:	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:**	wwr
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

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID:	1002573442
Layer:	1
Plug From:	0
Plug To:	8.83
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1002573463
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	AIR PERCUSSION

Pipe Information

Pipe ID:	1002573435
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Screen

Screen ID:	1002573445
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

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:	

Draw Down & Recovery

Pump Test Detail ID:	1002573451
Test Type:	Recovery
Test Duration:	3
Test Level:	3.46
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1002573457
Test Type:	Recovery
Test Duration:	10
Test Level:	3.33
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1002573448
Test Type:	Draw Down
Test Duration:	2
Test Level:	5.3
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1002573447
Test Type:	Recovery
Test Duration:	1
Test Level:	4.26

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573446
Test Type: Draw Down
Test Duration: 1
Test Level: 4.79
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573458
Test Type: Draw Down
Test Duration: 20
Test Level: 6.37
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573452
Test Type: Draw Down
Test Duration: 4
Test Level: 5.88
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573454
Test Type: Draw Down
Test Duration: 5
Test Level: 5.98
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573453
Test Type: Recovery
Test Duration: 4
Test Level: 3.41
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573450
Test Type: Draw Down
Test Duration: 3
Test Level: 5.64
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573461
Test Type: Draw Down
Test Duration: 60
Test Level: 6.46
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573456
Test Type: Draw Down
Test Duration: 10
Test Level: 6.24
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573460
Test Type: Draw Down
Test Duration: 50
Test Level: 6.44
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573449
Test Type: Recovery
Test Duration: 2
Test Level: 3.91
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573459
Test Type: Draw Down
Test Duration: 40
Test Level: 6.43
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002573455
Test Type: Recovery
Test Duration: 5
Test Level: 3.39
Test Level UOM: m

Water Details

Water ID: 1002573443
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 43.88
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1002573441
Diameter: 15.23
Depth From: 8.83
Depth To: 45.1
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1002573440

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

Formation Top Depth:	0
Formation End Depth:	8
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID:	933230153
Layer:	1
Plug From:	0
Plug To:	22
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961533080
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	11078397
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

Casing ID:	930096182
Layer:	1

Material: 1
Open Hole or Material: STEEL
Depth From:
Depth To:
Casing Diameter: 6
Casing Diameter UOM: inch
Casing Depth UOM: ft

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID: 934119044
Test Type: Draw Down
Test Duration: 15
Test Level: 50
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934911858
Test Type: Draw Down
Test Duration: 60
Test Level: 120
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934393894
Test Type: Draw Down
Test Duration: 30
Test Level: 75
Test Level UOM: ft

Draw Down & Recovery

Pump Test Detail ID: 934663178
Test Type: Draw Down
Test Duration: 45
Test Level: 100
Test Level UOM: ft

Water Details

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/712\7127126.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:	

Mat3 Desc:
Formation Top Depth: 42.97
Formation End Depth: 51.81
Formation End Depth UOM: m

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID: 1002654257
Layer: 1
Plug From: 9.14
Plug To: 0
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1002654281
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction: ROTARY AIR

Pipe Information

Pipe ID: 1002654250
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Screen

Screen ID:	1002654260
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

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:	

Draw Down & Recovery

Pump Test Detail ID:	1002654276
Test Type:	Draw Down
Test Duration:	30
Test Level:	15.23
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1002654278
Test Type:	Draw Down
Test Duration:	50
Test Level:	15.83
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID: 1002654270
Test Type: Recovery
Test Duration: 5
Test Level: 6.7
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654279
Test Type: Draw Down
Test Duration: 60
Test Level: 15.9
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654263
Test Type: Draw Down
Test Duration: 2
Test Level: 7.12
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654275
Test Type: Draw Down
Test Duration: 25
Test Level: 14.87
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654265
Test Type: Draw Down
Test Duration: 3
Test Level: 8.2
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654274
Test Type: Draw Down
Test Duration: 20
Test Level: 14.19
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654261
Test Type: Draw Down
Test Duration: 1
Test Level: 6.03
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654277
Test Type: Draw Down
Test Duration: 40

Test Level: 15.66
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654269
Test Type: Draw Down
Test Duration: 5
Test Level: 9.48
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654264
Test Type: Recovery
Test Duration: 2
Test Level: 11.04
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654272
Test Type: Recovery
Test Duration: 10
Test Level: 4.31
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654262
Test Type: Recovery
Test Duration: 1
Test Level: 13.08
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654273
Test Type: Draw Down
Test Duration: 15
Test Level: 13.2
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654267
Test Type: Draw Down
Test Duration: 4
Test Level: 8.83
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002654271
Test Type: Draw Down
Test Duration: 10
Test Level: 11.8
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID:	1002654266
Test Type:	Recovery
Test Duration:	3
Test Level:	9.35
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1002654268
Test Type:	Recovery
Test Duration:	4
Test Level:	7.7
Test Level UOM:	m

Water Details

Water ID:	1002654258
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	50.59
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1002654256
Diameter:	15.23
Depth From:	9.14
Depth To:	51.81
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	1002654255
Diameter:	15.86
Depth From:	0
Depth To:	9.14
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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100 ***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:		***Northing:***	

MOE Response:	No	**Easting:**	
Dt MOE Arvl on Scn:		**Site Geo Ref Accu:**	
MOE Reported Dt:	6/12/2019	**Site Map Datum:**	
Dt Document Closed:		**SAC Action Class:**	Pollution Incident Reports (PIRs) and "Other" calls
Incident Reason:		**Source Type:**	
Site Name:	Complainant's Residence<UNOFFICIAL>		
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	City of Ottawa: Odour complaint from member of the public		
Contaminant Qty:			

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:	

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID: 961509180
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10579783
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID:	933463985
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50
Water Found Depth UOM:	ft

Water Details

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***

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

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961534997
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	11181268
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

Casing ID:	930842997
Layer:	1
Material:	
Open Hole or Material:	

Depth From:	-.45
Depth To:	8.83
Casing Diameter:	15.86
Casing Diameter UOM:	cm
Casing Depth UOM:	m

Results of Well Yield Testing

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:	

Draw Down & Recovery

Pump Test Detail ID:	11225419
Test Type:	Recovery
Test Duration:	15
Test Level:	5.34
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11225810
Test Type:	Recovery
Test Duration:	40
Test Level:	3.95
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11225812
Test Type:	Recovery
Test Duration:	50
Test Level:	3.85
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11225814
Test Type:	Recovery
Test Duration:	60
Test Level:	3.8
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	11225420
Test Type:	Draw Down

Test Duration: 20
Test Level: 12.72
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225423
Test Type: Recovery
Test Duration: 25
Test Level: 4.33
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225409
Test Type: Recovery
Test Duration: 2
Test Level: 17.06
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225414
Test Type: Draw Down
Test Duration: 5
Test Level: 8.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225421
Test Type: Recovery
Test Duration: 20
Test Level: 4.64
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225410
Test Type: Draw Down
Test Duration: 3
Test Level: 7.36
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225417
Test Type: Recovery
Test Duration: 10
Test Level: 7.3
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225407
Test Type: Recovery
Test Duration: 1
Test Level: 19.16
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225412
Test Type: Draw Down
Test Duration: 4
Test Level: 7.98
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225807
Test Type: Draw Down
Test Duration: 30
Test Level: 15.36
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225808
Test Type: Recovery
Test Duration: 30
Test Level: 4.17
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225813
Test Type: Draw Down
Test Duration: 60
Test Level: 22.29
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225411
Test Type: Recovery
Test Duration: 3
Test Level: 14.99
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225809
Test Type: Draw Down
Test Duration: 40
Test Level: 17.9
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225811
Test Type: Draw Down
Test Duration: 50
Test Level: 20.27
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225415

Test Type: Recovery
Test Duration: 5
Test Level: 12.56
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225416
Test Type: Draw Down
Test Duration: 10
Test Level: 10.29
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225422
Test Type: Draw Down
Test Duration: 25
Test Level: 14.06
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225418
Test Type: Draw Down
Test Duration: 15
Test Level: 11.48
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225408
Test Type: Draw Down
Test Duration: 2
Test Level: 6.67
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225406
Test Type: Draw Down
Test Duration: 1
Test Level: 5.71
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 11225413
Test Type: Recovery
Test Duration: 4
Test Level: 13.95
Test Level UOM: m

Water Details

Water ID: 934050454
Layer: 2
Kind Code:
Kind:
Water Found Depth: 42.67

Water Found Depth UOM: m

Water Details

Water ID: 934050453
Layer: 1
Kind Code:
Kind:
Water Found Depth: 10.05
Water Found Depth UOM: m

Hole Diameter

Hole ID: 11305876
Diameter: 15.39
Depth From: 8.83
Depth To: 45.72
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 11305875
Diameter: 14.59
Depth From: 45.72
Depth To: 47.24
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 11305877
Diameter: 22.75
Depth From: 0
Depth To: 8.83
Hole Depth UOM: m
Hole Diameter UOM: cm

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103 ***1 of 1*** ***WNW/281.7*** ***94.9 / 0.00*** ***ON*** ***WWIS***

Well ID: 1509303
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: 12/14/1966
Selected Flag: Yes
Abandonment Rec:
Contractor: 1503
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/150\1509303.pdf

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

Formation ID:	931011884
Layer:	3
Color:	
General Color:	
Mat1:	15

Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 23
Formation End Depth: 75
Formation End Depth UOM: ft

Method of Construction & Well Use

Method Construction ID: 961509303
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10579906
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Pumping Test Method: 1
Pumping Duration HR: 1
Pumping Duration MIN: 0
Flowing: No

Water Details

Water ID: 933464125
Layer: 1
Kind Code: 1
Kind: FRESH
Water Found Depth: 73
Water Found Depth UOM: ft

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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
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z84461
Tag: A076813
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: 2/12/2009
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 7
Owner:
Street Name: RICHMOND FOREST LOT 10
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/711\7119244.pdf

Bore Hole Information

Bore Hole ID: 1002010915
DP2BR:
Spatial Status:
Code OB:
Code OB Desc:
Open Hole:
Cluster Kind:
Date Completed: 12/2/2008
Remarks:
Elevrc Desc:
Location Source Date:
Improvement Location Source:
Improvement Location Method:
Source Revision Comment:
Supplier Comment:

Elevation: 94.47927
Elevrc:
Zone: 18
East83: 435356
North83: 5004513
Org CS: UTM83
UTMRC: 3
UTMRC Desc: margin of error : 10 - 30 m
Location Method: wwr

Overburden and Bedrock Materials Interval

Formation ID: 1002479450

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID:	1002479454
Layer:	1
Plug From:	0
Plug To:	8.83
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1002479477
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	AIR PERCUSSION

Pipe Information

Pipe ID:	1002479448
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002479456
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

Construction Record - Screen

Screen ID: 1002479457
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

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:

Draw Down & Recovery

Pump Test Detail ID: 1002479475
Test Type: Draw Down
Test Duration: 60
Test Level: 6.98
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002479468
Test Type: Draw Down
Test Duration: 10
Test Level: 6.85
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002479469
Test Type: Draw Down
Test Duration: 15
Test Level: 6.94
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002479467
Test Type: Recovery
Test Duration: 5
Test Level: 3.92
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002479466
Test Type: Draw Down
Test Duration: 5
Test Level: 6.47
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002479459
Test Type: Recovery
Test Duration: 1
Test Level: 5.18
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002479474
Test Type: Draw Down
Test Duration: 50
Test Level: 6.97
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002479470
Test Type: Draw Down
Test Duration: 20
Test Level: 7
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002479458
Test Type: Draw Down
Test Duration: 1
Test Level: 5.1
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002479465
Test Type: Recovery
Test Duration: 4
Test Level: 3.94
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002479461
Test Type: Recovery
Test Duration: 2
Test Level: 4.29

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002479463
Test Type: Recovery
Test Duration: 3
Test Level: 3.98
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002479472
Test Type: Draw Down
Test Duration: 30
Test Level: 6.97
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002479460
Test Type: Draw Down
Test Duration: 2
Test Level: 5.67
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002479464
Test Type: Draw Down
Test Duration: 4
Test Level: 6.24
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002479473
Test Type: Draw Down
Test Duration: 40
Test Level: 6.97
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002479462
Test Type: Draw Down
Test Duration: 3
Test Level: 5.99
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002479471
Test Type: Draw Down
Test Duration: 25
Test Level: 7.04
Test Level UOM: m

Water Details

Water ID: 1002479455
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 46.63
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1002479453
Diameter: 15.55
Depth From: 8.83
Depth To: 48.76
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1002479452
Diameter: 15.86
Depth From: 0
Depth To: 8.83
Hole Depth UOM: m
Hole Diameter UOM: cm

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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

Bore Hole Information

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

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: 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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID: 1002521290
Layer: 1
Plug From: 8.83
Plug To: 0
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1002521312
Method Construction Code: 5
Method Construction: Air Percussion
Other Method Construction: ROTARY AIR

Pipe Information

Pipe ID: 1002521283
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Screen

Screen ID: 1002521293
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

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

Flowing:

Draw Down & Recovery

Pump Test Detail ID: 1002521299
Test Type: Recovery
Test Duration: 3
Test Level: 4.04
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521302
Test Type: Draw Down
Test Duration: 5
Test Level: 6.77
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521304
Test Type: Draw Down
Test Duration: 15
Test Level: 7.37
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521296
Test Type: Draw Down
Test Duration: 2
Test Level: 5.84
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521307
Test Type: Draw Down
Test Duration: 30
Test Level: 7.64
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521298
Test Type: Draw Down
Test Duration: 3
Test Level: 6.24
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521306
Test Type: Draw Down
Test Duration: 25
Test Level: 7.58
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521305
Test Type: Draw Down
Test Duration: 20
Test Level: 7.49
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521297
Test Type: Recovery
Test Duration: 2
Test Level: 4.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521303
Test Type: Draw Down
Test Duration: 10
Test Level: 7.17
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521295
Test Type: Recovery
Test Duration: 1
Test Level: 5.62
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521294
Test Type: Draw Down
Test Duration: 1
Test Level: 5.3
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521310
Test Type: Draw Down
Test Duration: 60
Test Level: 7.78
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521308
Test Type: Draw Down
Test Duration: 40
Test Level: 7.68
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521301
Test Type: Recovery
Test Duration: 4

Test Level: 3.93
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521300
Test Type: Draw Down
Test Duration: 4
Test Level: 6.53
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002521309
Test Type: Draw Down
Test Duration: 50
Test Level: 7.73
Test Level UOM: m

Water Details

Water ID: 1002521291
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 43.27
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1002521289
Diameter: 15.23
Depth From: 8.83
Depth To: 45.1
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1002521288
Diameter: 15.86
Depth From: 0
Depth To: 8.83
Hole Depth UOM: m
Hole Diameter UOM: cm

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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
Construction Date:
Primary Water Use: Domestic
Sec. Water Use:
Final Well Status: Water Supply
Water Type:
Casing Material:
Audit No: Z13768
Tag: A013675
Construction Method:
Elevation (m):
Elevation Reliability:

Data Entry Status:
Data Src:
Date Received: 5/18/2005
Selected Flag: Yes
Abandonment Rec:
Contractor: 1558
Form Version: 3
Owner:
Street Name: TEST WELL 3, KING STREET
County: OTTAWA
Municipality: RICHMOND VILLAGE (GOULBOURN)
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\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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961535453
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	11330847
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Water Details

Water ID:	934059676
Layer:	2
Kind Code:	
Kind:	
Water Found Depth:	12.49
Water Found Depth UOM:	m

Water Details

Water ID:	934059675
Layer:	1
Kind Code:	
Kind:	
Water Found Depth:	8.53
Water Found Depth UOM:	m

Water Details

Water ID:	934059677
Layer:	3
Kind Code:	
Kind:	
Water Found Depth:	16.15
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	11533469
Diameter:	15.39

Depth From:	6.4
Depth To:	22.24
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

Hole ID:	11533470
Diameter:	22.75
Depth From:	0
Depth To:	6.4
Hole Depth UOM:	m
Hole Diameter UOM:	cm

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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

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

Formation ID: 1002482330

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID:	1002482333
Layer:	1
Plug From:	0
Plug To:	7.92
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1002482358
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	AIR PERCUSSION

Pipe Information

Pipe ID:	1002482327
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1002482335
Layer:	1
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

Construction Record - Screen

Screen ID: 1002482336
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

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:

Draw Down & Recovery

Pump Test Detail ID: 1002482339
Test Type: Draw Down
Test Duration: 2
Test Level: 7.03
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002482356
Test Type: Draw Down
Test Duration: 60
Test Level: 16.39
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002482344
Test Type: Recovery
Test Duration: 4
Test Level: 7.84
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002482347
Test Type: Draw Down
Test Duration: 10
Test Level: 12
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002482341
Test Type: Draw Down
Test Duration: 3
Test Level: 7.83
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002482346
Test Type: Recovery
Test Duration: 5
Test Level: 6.88
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002482340
Test Type: Recovery
Test Duration: 2
Test Level: 10.78
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002482352
Test Type: Draw Down
Test Duration: 25
Test Level: 14.64
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002482354
Test Type: Draw Down
Test Duration: 40
Test Level: 15.73
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002482345
Test Type: Draw Down
Test Duration: 5
Test Level: 9.02
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002482338
Test Type: Recovery
Test Duration: 1
Test Level: 13.1

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002482351
Test Type: Draw Down
Test Duration: 20
Test Level: 14.11
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002482355
Test Type: Draw Down
Test Duration: 50
Test Level: 16.14
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002482342
Test Type: Recovery
Test Duration: 3
Test Level: 9.02
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002482337
Test Type: Draw Down
Test Duration: 1
Test Level: 5.78
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002482343
Test Type: Draw Down
Test Duration: 4
Test Level: 8.6
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002482349
Test Type: Draw Down
Test Duration: 15
Test Level: 12.98
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002482348
Test Type: Recovery
Test Duration: 10
Test Level: 4.38
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002482350
Test Type: Recovery
Test Duration: 15
Test Level: 4.06
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1002482353
Test Type: Draw Down
Test Duration: 30
Test Level: 15.2
Test Level UOM: m

Water Details

Water ID: 1002482334
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 44.8
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1002482331
Diameter: 15.86
Depth From: 0
Depth To: 7.92
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1002482332
Diameter: 15.39
Depth From: 7.92
Depth To: 47.24
Hole Depth UOM: m
Hole Diameter UOM: cm

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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:

Flowing (Y/N):
Flow Rate:
Clear/Cloudy:
Zone:
UTM Reliability:

PDF URL (Map): https://d2khazk8e83rdv.cloudfront.net/moe_mapping/downloads/2Water/Wells_pdfs/150\1509721.pdf

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

Formation ID: 931012887

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

Method of Construction & Well Use

Method Construction ID: 961509721
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10580323
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

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

Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Water Details

Water ID:	933464613
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	30
Water Found Depth UOM:	ft

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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:**	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:	Z095270	**Owner:**	
Tag:	A076861	**Street Name:**	LOT 21, 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\7139902.pdf

Bore Hole Information

Bore Hole ID:	1002937984	**Elevation:**	94.180892
DP2BR:		**Elevrc:**	
Spatial Status:		**Zone:**	18
Code OB:		**East83:**	435312
Code OB Desc:		**North83:**	5004439
Open Hole:		**Org CS:**	UTM83
Cluster Kind:		**UTMRC:**	5
Date Completed:	6/8/2009	**UTMRC Desc:**	margin of error : 100 m - 300 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:	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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID:	1003109209
Layer:	1
Plug From:	7.92
Plug To:	0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1003109236
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	AIR PERCUSSION

Pipe Information

Pipe ID:	1003109203
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003109212
Layer:	1

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

Construction Record - Screen

Screen ID:	1003109213
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	m
Screen Diameter UOM:	cm
Screen Diameter:	

Results of Well Yield Testing

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:	

Draw Down & Recovery

Pump Test Detail ID:	1003109221
Test Type:	Recovery
Test Duration:	4
Test Level:	4.11
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1003109226
Test Type:	Draw Down
Test Duration:	15
Test Level:	7.46
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1003109217
Test Type:	Recovery
Test Duration:	2
Test Level:	4.6
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID: 1003109229
Test Type: Recovery
Test Duration: 20
Test Level: 3.91
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003109231
Test Type: Draw Down
Test Duration: 30
Test Level: 7.57
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003109220
Test Type: Draw Down
Test Duration: 4
Test Level: 6.68
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003109222
Test Type: Draw Down
Test Duration: 5
Test Level: 6.9
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003109232
Test Type: Draw Down
Test Duration: 40
Test Level: 7.6
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003109216
Test Type: Draw Down
Test Duration: 2
Test Level: 6
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003109223
Test Type: Recovery
Test Duration: 5
Test Level: 4.05
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003109218
Test Type: Draw Down
Test Duration: 3
Test Level: 6.38
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003109234
Test Type: Draw Down
Test Duration: 60
Test Level: 7.66
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003109233
Test Type: Draw Down
Test Duration: 50
Test Level: 7.64
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003109215
Test Type: Recovery
Test Duration: 1
Test Level: 5.55
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003109219
Test Type: Recovery
Test Duration: 3
Test Level: 4.16
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003109230
Test Type: Draw Down
Test Duration: 25
Test Level: 7.55
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003109227
Test Type: Recovery
Test Duration: 15
Test Level: 3.93
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003109214
Test Type: Draw Down
Test Duration: 1
Test Level: 5.23

Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003109228
Test Type: Draw Down
Test Duration: 20
Test Level: 7.53
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003109225
Test Type: Recovery
Test Duration: 10
Test Level: 3.96
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003109224
Test Type: Draw Down
Test Duration: 10
Test Level: 7.33
Test Level UOM: m

Water Details

Water ID: 1003109210
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 27.43
Water Found Depth UOM: m

Water Details

Water ID: 1003109211
Layer: 2
Kind Code: 8
Kind: Untested
Water Found Depth: 43.27
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1003109207
Diameter: 15.86
Depth From: 0
Depth To: 7.92
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1003109208
Diameter: 15.23
Depth From: 7.92
Depth To: 45.1
Hole Depth UOM: m

Hole Diameter UOM: cm

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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

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961506368
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

Pipe Information

Pipe ID:	10576981
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Casing

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

Results of Well Yield Testing

Pump Test ID:	991506368
Pump Set At:	
Static Level:	22

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

Water Details

Water ID:	933460501
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	60
Water Found Depth UOM:	ft

Water Details

Water ID:	933460502
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	120
Water Found Depth UOM:	ft

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111 ***1 of 1*** ***ESE/290.5*** ***96.9 / 2.00*** ***ON*** ***BORE***

Borehole ID:	610291	***Inclin FLG:***	No
OGF ID:	215511807	***SP Status:***	Initial Entry
Status:		***Surv Elev:***	No
Type:	Borehole	***Piezometer:***	No
Use:		***Primary Name:***	
Completion Date:	AUG-1962	***Municipality:***	
Static Water Level:	4.0	***Lot:***	
Primary Water Use:		***Township:***	
Sec. Water Use:		***Latitude DD:***	45.182397
Total Depth m:	37.5	***Longitude DD:***	-75.810023
Depth Ref:	Ground Surface	***UTM Zone:***	18
Depth Elev:		***Easting:***	436361
Drill Method:		***Northing:***	5003532
Orig Ground Elev m:	97.5	***Location Accuracy:***	
Elev Reliabil Note:		***Accuracy:***	Not Applicable
DEM Ground Elev m:	98.2		
Concession:			
Location D:			
Survey D:			
Comments:			

Borehole Geology Stratum

Geology Stratum ID:	218385191	***Mat Consistency:***	Compact
Top Depth:	3.7	***Material Moisture:***	
Bottom Depth:	37.5	***Material Texture:***	
Material Color:	Blue	***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. BLUE. 00120BLE AT 307.0 FEET.AY. BROWN,COMPACT. SILT,SAND,TILL. BROWN,COMPACT **Note: Many records provided by the department have a truncated [Stratum Description] field.		

Geology Stratum ID:	218385190	**Mat Consistency:**	
Top Depth:	0	**Material Moisture:**	
Bottom Depth:	3.7	**Material Texture:**	
Material Color:		**Non Geo Mat Type:**	
Material 1:	Clay	**Geologic Formation:**	
Material 2:	Boulders	**Geologic Group:**	
Material 3:		**Geologic Period:**	
Material 4:		**Depositional Gen:**	
Gsc Material Description:			
Stratum Description:	CLAY,BOULDERS.		

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: 02799 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		

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112 **1 of 1** **W/290.9** **94.9 / 0.00** **lot 24 con 3 ON** **WWIS**

Well ID:	1509795	**Data Entry Status:**	
Construction Date:		**Data Src:**	1
Primary Water Use:	Domestic	**Date Received:**	2/6/1968
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\1509795.pdf

Bore Hole Information

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:			

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

Formation ID:	931013073
Layer:	4
Color:	
General Color:	
Mat1:	15

Most Common Material: LIMESTONE
Mat2:
Mat2 Desc:
Mat3:
Mat3 Desc:
Formation Top Depth: 31
Formation End Depth: 125
Formation End Depth UOM: ft

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID: 961509795
Method Construction Code: 1
Method Construction: Cable Tool
Other Method Construction:

Pipe Information

Pipe ID: 10580397
Casing No: 1
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Casing

Casing ID: 930056288
Layer: 2
Material: 4
Open Hole or Material: OPEN HOLE
Depth From:
Depth To: 125
Casing Diameter: 5

Casing Diameter UOM:	inch
Casing Depth UOM:	ft

Results of Well Yield Testing

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

Water Details

Water ID:	933464685
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	122
Water Found Depth UOM:	ft

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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:			

Borehole Geology Stratum

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:**	

Material 2: ***Geologic Group:***
Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: CLAY.

Geology Stratum ID: 218385220 ***Mat Consistency:***
Top Depth: 3.4 ***Material Moisture:***
Bottom Depth: 9.4 ***Material Texture:***
Material Color: ***Non Geo Mat Type:***
Material 1: Clay ***Geologic Formation:***
Material 2: Sand ***Geologic Group:***
Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: CLAY,SAND.

Geology Stratum ID: 218385219 ***Mat Consistency:***
Top Depth: 2.4 ***Material Moisture:***
Bottom Depth: 3.4 ***Material Texture:***
Material Color: ***Non Geo Mat Type:***
Material 1: Clay ***Geologic Formation:***
Material 2: Boulders ***Geologic Group:***
Material 3: ***Geologic Period:***
Material 4: ***Depositional Gen:***
Gsc Material Description:
Stratum Description: CLAY,BOULDERS.

Geology Stratum ID: 218385221 ***Mat Consistency:*** Dense
Top Depth: 9.4 ***Material Moisture:***
Bottom Depth: 38.1 ***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. 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 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: 02812 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

114	*1 of 1*	*NW/291.8*	*93.9 / -1.00*	***LOT 13- CHANONHOUSE DRIVE lot 25 con 3 RICHMOND ON***	*WWIS*

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

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID:	1003108650
Layer:	1
Plug From:	7.31
Plug To:	0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1003108679
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	1003108643
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

Casing ID:	1003108652
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	-.45
Depth To:	7.31
Casing Diameter:	15.86

Casing Diameter UOM: cm
Casing Depth UOM: m

Construction Record - Screen

Screen ID: 1003108653
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

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:

Draw Down & Recovery

Pump Test Detail ID: 1003108671
Test Type: Recovery
Test Duration: 25
Test Level: 3.21
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108677
Test Type: Draw Down
Test Duration: 60
Test Level: 4.72
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108655
Test Type: Recovery
Test Duration: 1
Test Level: 3.93
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108674

Test Type: Draw Down
Test Duration: 40
Test Level: 4.73
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108662
Test Type: Draw Down
Test Duration: 5
Test Level: 4.45
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108659
Test Type: Recovery
Test Duration: 3
Test Level: 3.51
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108661
Test Type: Recovery
Test Duration: 4
Test Level: 3.47
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108656
Test Type: Draw Down
Test Duration: 2
Test Level: 4.17
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108673
Test Type: Recovery
Test Duration: 30
Test Level: 3.19
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108665
Test Type: Recovery
Test Duration: 10
Test Level: 3.3
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108658
Test Type: Draw Down
Test Duration: 3
Test Level: 4.31
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108675
Test Type: Recovery
Test Duration: 40
Test Level: 3.17
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108668
Test Type: Draw Down
Test Duration: 20
Test Level: 4.66
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108667
Test Type: Recovery
Test Duration: 15
Test Level: 3.27
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108669
Test Type: Recovery
Test Duration: 20
Test Level: 3.24
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108663
Test Type: Recovery
Test Duration: 5
Test Level: 3.41
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108672
Test Type: Draw Down
Test Duration: 30
Test Level: 4.69
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108666
Test Type: Draw Down
Test Duration: 15
Test Level: 4.64
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108664
Test Type: Draw Down
Test Duration: 10
Test Level: 4.59
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108670
Test Type: Draw Down
Test Duration: 25
Test Level: 4.68
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108660
Test Type: Draw Down
Test Duration: 4
Test Level: 4.41
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108654
Test Type: Draw Down
Test Duration: 1
Test Level: 3.91
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108657
Test Type: Recovery
Test Duration: 2
Test Level: 3.66
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1003108676
Test Type: Draw Down
Test Duration: 50
Test Level: 4.73
Test Level UOM: m

Water Details

Water ID: 1003108651
Layer: 1
Kind Code: 8
Kind: Untested
Water Found Depth: 34.44
Water Found Depth UOM: m

Hole Diameter

Hole ID: 1003108648
Diameter: 15.86
Depth From: 0

Depth To: 7.31
Hole Depth UOM: m
Hole Diameter UOM: cm

Hole Diameter

Hole ID: 1003108649
Diameter: 15.23
Depth From: 7.31
Depth To: 37.48
Hole Depth UOM: m
Hole Diameter UOM: cm

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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

Bore Hole Information

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

Overburden and Bedrock Materials Interval

Formation ID: 931033794
Layer: 4

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Method of Construction & Well Use

Method Construction ID:	961516987
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

Pipe Information

Pipe ID:	10587443
Casing No:	1
Comment:	
Alt Name:	

Construction Record - Casing

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

Results of Well Yield Testing

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

Draw Down & Recovery

Pump Test Detail ID:	934901103
Test Type:	Draw Down
Test Duration:	60
Test Level:	35
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934643620
Test Type:	Draw Down
Test Duration:	45
Test Level:	35
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934102533
Test Type:	Draw Down
Test Duration:	15
Test Level:	35
Test Level UOM:	ft

Draw Down & Recovery

Pump Test Detail ID:	934382531
Test Type:	Draw Down
Test Duration:	30
Test Level:	35
Test Level UOM:	ft

Water Details

Water ID:	933473379
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	73
Water Found Depth UOM:	ft

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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

Bore Hole Information

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

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: 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

Overburden and Bedrock Materials Interval

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

Overburden and Bedrock Materials Interval

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

Annular Space/Abandonment Sealing Record

Plug ID:	1001846002
Layer:	1
Plug From:	7.77
Plug To:	0
Plug Depth UOM:	m

Method of Construction & Well Use

Method Construction ID:	1001846031
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	AIR PERC.

Pipe Information

Pipe ID:	1001845996
Casing No:	0
Comment:	
Alt Name:	

Construction Record - Casing

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

Construction Record - Screen

Screen ID:	1001846006
Layer:	
Slot:	
Screen Top Depth:	
Screen End Depth:	
Screen Material:	
Screen Depth UOM:	
Screen Diameter UOM:	
Screen Diameter:	

Results of Well Yield Testing

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:	

Flowing: No

Draw Down & Recovery

Pump Test Detail ID: 1001846017
Test Type: Draw Down
Test Duration: 10
Test Level: 5.5
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001846011
Test Type: Draw Down
Test Duration: 3
Test Level: 5.35
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001846018
Test Type: Recovery
Test Duration: 10
Test Level: 4.01
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001846019
Test Type: Draw Down
Test Duration: 15
Test Level: 5.51
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001846007
Test Type: Draw Down
Test Duration: 1
Test Level: 4.94
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001846029
Test Type: Draw Down
Test Duration: 60
Test Level: 5.58
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001846021
Test Type: Draw Down
Test Duration: 20
Test Level: 5.53
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001846020
Test Type: Recovery
Test Duration: 15
Test Level: 3.99
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001846023
Test Type: Draw Down
Test Duration: 25
Test Level: 5.54
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001846010
Test Type: Recovery
Test Duration: 2
Test Level: 4.17
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001846027
Test Type: Draw Down
Test Duration: 40
Test Level: 5.55
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001846015
Test Type: Draw Down
Test Duration: 5
Test Level: 5.43
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001846012
Test Type: Recovery
Test Duration: 3
Test Level: 4.11
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001846008
Test Type: Recovery
Test Duration: 1
Test Level: 4.36
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001846016
Test Type: Recovery
Test Duration: 5

Test Level: 4.06
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001846022
Test Type: Recovery
Test Duration: 20
Test Level: 3.98
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001846013
Test Type: Draw Down
Test Duration: 4
Test Level: 5.39
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001846025
Test Type: Draw Down
Test Duration: 30
Test Level: 5.54
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001846026
Test Type: Recovery
Test Duration: 30
Test Level: 3.97
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001846028
Test Type: Draw Down
Test Duration: 50
Test Level: 5.56
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001846009
Test Type: Draw Down
Test Duration: 2
Test Level: 5.22
Test Level UOM: m

Draw Down & Recovery

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

Draw Down & Recovery

Pump Test Detail ID: 1001846014
Test Type: Recovery
Test Duration: 4
Test Level: 4.08
Test Level UOM: m

Water Details

Water ID: 1001846003
Layer: 1
Kind Code: 5
Kind: Not stated
Water Found Depth: 12.19
Water Found Depth UOM: m

Water Details

Water ID: 1001846004
Layer: 2
Kind Code:
Kind:
Water Found Depth: 27.43
Water Found Depth UOM: m

Hole Diameter

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
Status:
Approval Years: 92,93,97
Contam. Facility:
MHSW Facility:
SIC Code: 8511
SIC Description: ELEMT./SECON. EDUC.

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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***

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.		

Detail(s)

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

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117 | ***3 of 15*** | ***W/299.9*** | ***94.9 / 0.00*** | ***OTTAWA-CARLETON DISTRICT SCHOOL BOARD*** | ***GEN***

SOUTH CARLETON HIGH SCHOOL 3673
MCBEAN STREET
RICHMOND ON K0A 2Z0

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.		

Detail(s)

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

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

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

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
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
Status:
Approval Years: 2009
Contam. Facility:
MHSW Facility:
SIC Code: 611110
SIC Description: Elementary and Secondary Schools

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

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
Status:
Approval Years: 2010
Contam. Facility:
MHSW Facility:
SIC Code: 611110
SIC Description: Elementary and Secondary Schools

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

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
Status:
Approval Years: 2011
Contam. Facility:
MHSW Facility:
SIC Code: 611110
SIC Description: Elementary and Secondary Schools

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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
Status:
Approval Years: 2012
Contam. Facility:
MHSW Facility:
SIC Code: 611110
SIC Description: Elementary and Secondary Schools

PO Box No:
Country:
Choice of Contact:
Co Admin:
Phone No Admin:

Detail(s)

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

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

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

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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
Approval Date: 2010-01-08
Status: Approved
Record Type: ECA
Link Source: IDS
SWP Area Name: Rideau Valley
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

MOE District: Ottawa
City:
Longitude: -75.82751499999999
Latitude: 45.187107
Geometry X:
Geometry Y:

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

Detail(s)

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

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

Detail(s)

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	**PO Box No:**	
Status:		**Country:**	Canada
Approval Years:	2014	**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		

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	**PO Box No:**	
Status:	Registered	**Country:**	Canada
Approval Years:	As of Dec 2018	**Choice of Contact:**	

Contam. Facility: ***Co Admin:***
MHSW Facility: ***Phone No Admin:***
SIC Code:
SIC Description:

Detail(s)

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

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

117	***15 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 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

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

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:	

Mat3:
Mat3 Desc:
Formation Top Depth: 5.48
Formation End Depth: 37.48
Formation End Depth UOM: m

Annular Space/Abandonment Sealing Record

Plug ID: 1001938130
Layer: 1
Plug From: 8.53
Plug To: 0
Plug Depth UOM: m

Method of Construction & Well Use

Method Construction ID: 1001938160
Method Construction Code: 3
Method Construction: Rotary (Reverse)
Other Method Construction: AIR

Pipe Information

Pipe ID: 1001938124
Casing No: 0
Comment:
Alt Name:

Construction Record - Casing

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

Construction Record - Screen

Screen ID: 1001938133
Layer:
Slot:
Screen Top Depth:
Screen End Depth:
Screen Material:
Screen Depth UOM: m
Screen Diameter UOM: cm
Screen Diameter:

Results of Well Yield Testing

Pump Test ID: 1001938125
Pump Set At: 22.85
Static Level: 4.48
Final Level After Pumping: 5.69
Recommended Pump Depth: 18.288

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: 1001938143
Test Type: Draw Down
Test Duration: 10
Test Level: 5.55
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001938152
Test Type: Recovery
Test Duration: 30
Test Level: 4.52
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001938145
Test Type: Draw Down
Test Duration: 15
Test Level: 5.6
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001938150
Test Type: Recovery
Test Duration: 25
Test Level: 4.52
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001938144
Test Type: Recovery
Test Duration: 10
Test Level: 4.57
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001938149
Test Type: Draw Down
Test Duration: 25
Test Level: 5.64
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001938135
Test Type: Recovery
Test Duration: 1
Test Level: 4.86
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001938140
Test Type: Recovery
Test Duration: 4
Test Level: 4.62
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001938138
Test Type: Draw Down
Test Duration: 3
Test Level: 5.46
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001938158
Test Type: Recovery
Test Duration: 60
Test Level: 4.52
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001938137
Test Type: Recovery
Test Duration: 2
Test Level: 4.7
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001938153
Test Type: Draw Down
Test Duration: 40
Test Level: 5.67
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001938134
Test Type: Draw Down
Test Duration: 1
Test Level: 5.23
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001938148
Test Type: Recovery

Test Duration: 20
Test Level: 4.52
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001938146
Test Type: Recovery
Test Duration: 15
Test Level: 4.54
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001938147
Test Type: Draw Down
Test Duration: 20
Test Level: 5.62
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001938141
Test Type: Draw Down
Test Duration: 5
Test Level: 5.53
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001938151
Test Type: Draw Down
Test Duration: 30
Test Level: 5.56
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001938157
Test Type: Draw Down
Test Duration: 60
Test Level: 5.69
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001938154
Test Type: Recovery
Test Duration: 40
Test Level: 4.52
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID: 1001938155
Test Type: Draw Down
Test Duration: 50
Test Level: 5.68
Test Level UOM: m

Draw Down & Recovery

Pump Test Detail ID:	1001938142
Test Type:	Recovery
Test Duration:	5
Test Level:	4.61
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1001938136
Test Type:	Draw Down
Test Duration:	2
Test Level:	5.39
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1001938139
Test Type:	Draw Down
Test Duration:	4
Test Level:	5.5
Test Level UOM:	m

Draw Down & Recovery

Pump Test Detail ID:	1001938156
Test Type:	Recovery
Test Duration:	50
Test Level:	4.52
Test Level UOM:	m

Water Details

Water ID:	1001938131
Layer:	1
Kind Code:	8
Kind:	Untested
Water Found Depth:	35.65
Water Found Depth UOM:	m

Hole Diameter

Hole ID:	1001938128
Diameter:	15.86
Depth From:	0
Depth To:	8.53
Hole Depth UOM:	m
Hole Diameter UOM:	cm

Hole Diameter

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:
Location:
Crown Brief No: 02-0106-0005
Region: EASTERN REGION
Court Location:
Ministry District: OTTAWA
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:

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
MOE District:
Approval Date: 2008-07-11
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	***Choice of Contact:***	
Contam. Facility:		***Co Admin:***	
MHSW Facility:		***Phone No Admin:***	
SIC Code:	8351		
SIC Description:	EXEC./LEGIS. 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	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	10/26/2002	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	UNKNOWN	***Sector Type:***	
Incident Event:		***Agency Involved:***	FIRE DEPT, WORKS, POLICE
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:	POSSIBLE	***Site Municipality:***	20107
Nature of Impact:	Multi Media Pollution	***Site Lot:***	
Receiving Medium:	LAND, WATER	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	10/26/2002	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	
Incident Reason:	UNKNOWN	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	NEPEAN F/D: UKN TRUCK LEA-KING FURNACE OIL TO ROAD AND SEWER. CAUSED MVA		
Contaminant Qty:			

Site: ***UNKNOWN***
MARLBOROUGH CREEK LOT 24, CON II GOULBOURN TWP. ON

Database: ***SPL***

Ref No:	57256	***Discharger Report:***	
Site No:		***Material Group:***	
Incident Dt:	9/13/1991	***Health/Env Conseq:***	
Year:		***Client Type:***	
Incident Cause:	OTHER CONTAINER 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:	Surface Water Pollution	***Site Lot:***	
Receiving Medium:	WATER	***Site Conc:***	
Receiving Env:		***Northing:***	
MOE Response:		***Easting:***	MOE
Dt MOE Arvl on Scn:		***Site Geo Ref Accu:***	
MOE Reported Dt:	9/13/1991	***Site Map Datum:***	
Dt Document Closed:		***SAC Action Class:***	

Incident Reason:	INTENTIONAL/PLANNED	***Source Type:***	
Site Name:			
Site County/District:			
Site Geo Ref Meth:			
Incident Summary:	UNKNOWN LIQUID DUMPED IN CREEK FROM TRUCK		
Contaminant Qty:			

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	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Livestock	***Date Received:***	12/8/1998
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Observation Wells	***Abandonment Rec:***	
Water Type:		***Contractor:***	1558
Casing Material:		***Form Version:***	1
Audit No:	194783	***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:***	
Overburden/Bedrock:		***Concession Name:***	CON
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:	10051865	***Elevation:***	
DP2BR:	11	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	11/6/1998	***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: 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	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	6/19/2003
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	1414
Casing Material:		***Form Version:***	1
Audit No:	257304	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	NEPEAN TOWNSHIP
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	024
Well Depth:		***Concession:***	03
Overburden/Bedrock:		***Concession Name:***	
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:	10537627	***Elevation:***	
DP2BR:	41	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	6/5/2003	***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: 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:		***Street Name:***	
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:			

Bore Hole Information

Bore Hole ID:	1007454715	***Elevation:***	
DP2BR:		***Elevrc:***	
Spatial Status:		***Zone:***	
Code OB:		***East83:***	
Code OB Desc:		***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	2/10/1994	***UTMRC Desc:***	unknown UTM
Remarks:		***Location Method:***	na
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			
Improvement Location Method:			
Source Revision Comment:			
Supplier Comment:			

Site:
lot 25 ON

Database:
WWIS

Well ID:	1525674	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Domestic	***Date Received:***	10/21/1991
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:	92040	***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:***	
Overburden/Bedrock:		***Concession Name:***	
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:	10047409	***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:	7/29/1991	***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: 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	***Data Entry Status:***	
Construction Date:		***Data Src:***	1
Primary Water Use:	Industrial	***Date Received:***	8/4/1989
Sec. Water Use:		***Selected Flag:***	Yes
Final Well Status:	Water Supply	***Abandonment Rec:***	
Water Type:		***Contractor:***	3644
Casing Material:		***Form Version:***	1
Audit No:	49862	***Owner:***	
Tag:		***Street Name:***	
Construction Method:		***County:***	OTTAWA
Elevation (m):		***Municipality:***	OTTAWA CITY
Elevation Reliability:		***Site Info:***	
Depth to Bedrock:		***Lot:***	025
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:			

Bore Hole Information

Bore Hole ID:	10045521	***Elevation:***	
DP2BR:	32	***Elevrc:***	
Spatial Status:		***Zone:***	18
Code OB:	r	***East83:***	
Code OB Desc:	Bedrock	***North83:***	
Open Hole:		***Org CS:***	
Cluster Kind:		***UTMRC:***	9
Date Completed:	6/12/1989	***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:	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 ERIS under License with the Ontario Ministry of Natural Resources © Queen's Printer for Ontario, 2017.

Government Publication Date: Dec 31, 2016

Environmental Penalty Annual Report: Provincial EPAR

This database contains data from Ontario's annual environmental penalty report published by the Ministry of the Environment and Climate Change. These reports provide information on environmental penalties for land 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 in a copy of incidents reported to the SAC, obtained under Access to Public Information. Includes incidents from fuel-related hazards such as spills, fires, and explosions. Records are not verified for accuracy or completeness.

Government Publication Date: 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 in 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 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990*

Water Well Information System: Provincial WWIS

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

Government Publication Date: 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.

Office Use Only

Application Number: _____ Ward Number: _____ Application Received: (dd/mm/yyyy): _____

Client Service Centre Staff: _____ Fee Received: $ _____

Historic Land Use Inventory

Application Form

Notice of Public Record

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

Municipal Freedom of Information and Protection Act

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

Background Information

***Site Address or Location:** *No municipal address. Site consists of 60 hectares of land bounded by Eagleson Rd, Ottawa St, and McBean St. See attached Site Plan for property boundaries.*

** Mandatory Field*

Applicant/Agent Information:

Name: *Paterson Group Inc.*

Mailing Address: *154 Colonnade Road South, Ottawa, ON, K2E 7J5*

Telephone: *613-226-7381* Email Address: *nsullivan@patersongroup.ca*

Registered Property Owner Information: ☐ Same as above

Name: *Taggart Group of Companies*

Mailing Address:

Telephone: Email Address:

Site Details

Legal Description and PIN:	*Part of Lot 24 & 25, Concession 2, Township of Goulbourn, now the City of Ottawa.* *PIN: 03934-0023, 03934-0114, 03934-0031, and 03934-0036*
What is the land currently used for?	*Site is currently vacant.*

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

OR Lot area: (irregular lot) 600,000 m²

Does the site have Full Municipal Services: ○ Yes ◉ No

Required Fees

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

Planning Fee $125.00 [redacted]

Submittal Requirements

The following are required to be submitted with this application:

1. **Consent to Disclose Information:** Consultants and other third parties may make requests for information on behalf of an individual or corporation. However, if the requester is not the owner of the property, **the requester must provide the City of Ottawa with a 'consent to disclose information' letter, signed by the property owner.** This will authorize the City of Ottawa to release any relevant information about the property or its owner(s) to the requester. Consent for disclosure is required in the event that personal information or proprietary company information is found concerning the property and its owner. All consents must clearly indicate the name of the property owner as well as the name of the requester, and must be signed and dated.

2. **Disclaimer:** Requesters must read and understand the conditions included in the attached disclaimer and submit a signed disclaimer to the City of Ottawa's Planning, Infrastructure and Economic Development Department. This disclaimer is related to the Historic Land Use Inventory and must be received by the City of Ottawa, signed and dated by the requestor, before the process can begin.

3. A site plan or key plan of the property, its location and particular features.

4. Any significant dates or time frames that you would like researched.

Disclaimer
For use with HLUI Database

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

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

1. The HLUI may contain erroneous information given that such records and sources of information may be flawed. Changes in municipal addresses over time may have introduced error in such records and sources of information. The City is not responsible for any errors or omissions in the HLUI and reserves the right to change and update the HLUI without further notice. The City does not, however, make any commitment to update the HLUI. Accordingly, all information from the HLUI is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.

2. City staff will perform a search of the HLUI based on the information given by the Requester. City staff will make every effort to be accurate, however, the City does not provide an assurance, guarantee, warranty, representation (express or implied), as to the availability, accuracy, completeness or currency of information which will be provided to the Requester. The HLUI in no way confirms the presence or absence of contamination or pollution of any kind. The information provided by the City to the Requester is provided on the assumption that it will not be relied upon by any person whatsoever. The City denies all liability to any such persons attempting to rely on any information provided from the HLUI database.

3. The City, its employees, servants, agents, boards, officials or contractors take no responsibility for any actions, claims, losses, liability, judgments, demands, expenses, costs, damages or harm suffered by any person whatsoever including negligence in compiling or disseminating information in the HLUI.

4. Copyright is reserved to the City.

5. Any use of the information provided from the HLUI which a third party makes, or any reliance on or decisions to be based on it, are the responsibilities of such third parties. The City, its employees, servants, agents, boards, officials or contractors accept no responsibility for any damages, if any, suffered by a third party as a result of decisions made as a result of an information search of the HLUI.

6. Any use of this service by the Requestor indicates an acknowledgement, acceptance and limits of this disclaimer.

7. All information collected under this request and all records provided in response to this request are subject to the provisions of the Municipal Freedom of Information and Protection of Privacy Act, R.S.O. 1990, c. M.56, as amended.

Signed: 

Dated (dd/mm/yyyy): 04/01/2021

Per: Nick Sullivan

(Please print name)

Title: Environmental Scientist

Company: Paterson Group Inc.

paterson group

Consulting Engineers

154 Colonnade Road South
Ottawa, Ontario
Canada, K2E 7J5
Tel: (613) 226-7381
Fax: (613) 226-6344

Geotechnical Engineering
Environmental Engineering
Hydrogeology
Geological Engineering
Materials Testing
Building Science
Archaeological Services

www.patersongroup.ca

January 4, 2021
File: PE4079-HLUI

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

Subject: **Authorization Letter: HLUI Search**
Phase I - Environmental Site Assessment
Vacant Land - Eagleson Road
Ottawa, Ontario

Dear Sir or Madam,

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

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

Name of Company/Property Owner:	Tamarack Richmond
Name of Representative	Peter Hume
Authorization of Representative	Peter Hume Digitally signed by Peter Hume Date: 2021.01.04 12:52:30 -05'00'
Date	Jan 4, 2021

APPENDIX 3

QUALIFICATIONS OF ASSESSORS

Nick Sullivan, B.Sc.

patersongroup

Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

Materials Testing

Building Science

Archaeological Services

POSITION

Environmental Scientist

EDUCATION

McMaster University, B.Sc. 2016
Earth & Environmental Science

Niagara College, Cert. 2017
Environmental Management & Assessment

EXPERIENCE

2018 – Present
Paterson Group Inc.
Consulting Engineers
Geotechnical and Environmental Division
Environmental Scientist

SELECT LIST OF PROJECTS

Phase I & II Environmental Site Assessments
Contaminated Soil and Groundwater Field Sampling
Subsurface Investigations of Soil and Rock Stratigraphy
Supervision of Environmental Remediation Programs
Designated Substance Surveys

Mark S. D'Arcy, P. Eng

patersongroup

Geotechnical Engineering

Environmental Engineering

Hydrogeology

Geological Engineering

Materials Testing

Building Science

Archaeological Services

POSITION

Associate and Supervisor of the Environmental Division
Senior Environmental/Geotechnical Engineer

EDUCATION

Queen's University, B.A.Sc.Eng, 1991
Geotechnical / Geological Engineering

MEMBERSHIPS

Ottawa Geotechnical Group
Professional Engineers of Ontario

EXPERIENCE

1991 to Present
Paterson Group Inc.
Associate and Senior Environmental/Geotechnical Engineer
Environmental and Geotechnical Division
Supervisor of the Environmental Division

SELECT LIST OF PROJECTS

Mary River Exploration Mine Site - Northern Baffin Island
Agricultural Supply Facilities - Eastern Ontario
Laboratory Facility - Edmonton (Alberta)
Ottawa International Airport - Contaminant Migration Study - Ottawa
Richmond Road Reconstruction - Ottawa
Billings Hurdman Interconnect - Ottawa
Bank Street Reconstruction - Ottawa
Environmental Review - Various Laboratories across Canada - CFIA
Dwyer Hill Training Centre - Ottawa
Nortel Networks Environmental Monitoring - Carling Campus - Ottawa
Remediation Program - Block D Lands - Kingston
Investigation of former landfill sites - City of Ottawa
Record of Site Condition for Railway Lands - North Bay
Commercial Properties - Guelph and Brampton
Brownfields Remediation - Alcan Site - Kingston
Montreal Road Reconstruction - Ottawa
Appleford Street Residential Development - Ottawa
Remediation Program - Ottawa Train Yards
Remediation Program - Bayshore and Heron Gate
Gladstone Avenue Reconstruction - Ottawa
Somerset Avenue West Reconstruction - Ottawa