

October 18, 2024 File: PE6537-LET.01

**Glenview Homes** 190 O'Connor Street Ottawa, Ontario K2P 1H4

Attention: Ms. Melissa Pettem

Subject: Phase I - Environmental Site Assessment Update Northern Part of 3610 Innes Road Ottawa, Ontario

patersongroup.ca

Retaining Wall Design Noise and Vibration Studies

9 Auriga Drive

Hydrogeology

Materials Testing Building Science

K2E 7T9

Ottawa, Ontario

Tel: (613) 226-7381

Geotechnical Engineering

Environmental Engineering

Rural Development Design

Dear Ma'am,

Further to your request, Paterson Group (Paterson) conducted a Phase I -Environmental Site Assessment (Phase I ESA) Update for the aforementioned property. This report updates a previous Phase I ESA report completed by WSP, dated April 7, 2020, and is intended to meet the requirements of a Phase I ESA, as per the MECP Standard O.Reg. 153/04, as amended, under the Environmental Protection Act. This report is to be read in conjunction with the previous Phase I ESA report.

## **Site Information**

The Phase I Property is located approximately 140m south side of Innes Road, in the City of Ottawa, Ontario. For purpose of this report, the Phase I Property is northern part of 3610 Innes Road and approximate area of the site is 2.03 Ha. The Phase I Property is currently vacant.

The Phase I Property is shown on Drawing PE6537-1 – Site Plan.

### **Records Review**

### Phase I ESA Study Area Determination

A radius of approximately 250 m was determined to be appropriate as a Phase I Study Area for this assessment. Properties outside the 250 m radius are not considered to have the potential to impact the Phase I Property, based on their separation distance.

Ottawa





### **First Developed Use Determination**

For the purposes of this report, and based on aerial photographs and the documentation reviewed, the Phase I Property appears to have been residential/agricultural since at least 1945, and first developed for commercial use was around 1973.

### **Previous Engineering Reports**

The following reports were reviewed prior to conducting this assessment:

□ 'Fill and Contaminated Groundwater Delineation Program, 3604-3646 Innes Road, Ottawa, Ontario', prepared by Paterson Group, dated February 8, 2017.

In February 2017, a fill and contaminated groundwater delineation program was conducted by Paterson Group at the site, to quantify and qualify areas of fill material previously identified by WSP, and to delineate impacts identified at monitoring well BH/MW16-5. In total 24 test pits and six boreholes were advanced.

Soil samples were analyzed for BTEX, PHCs, PAHs and metals/inorganics. Exceedances of PHCs, PAHs were observed in various samples comparing to Table 3 RPI SCS. The soil matrix observed at test pits TP3 to TP24, advanced in various fill piles ranging from topsoil to silty clay. Moreover, composition of fill also contained trace to significant percentages of waste consisting of various building materials.

A recommendation was made for remedial program to remove PHCs and PAHs impacted soil and to screen balance of fill piles to remove the waste material from the soil. The waste material required removal, leaving only soil suitable for reuse on site.

□ 'Phase I Environmental Site Assessment, 3610 Innes Road, Ottawa, Ontario', prepared by WSP, dated April 7, 2020.

According to historical research conducted as part of the 2020 Phase I ESA, part of the Phase I Property, was used for residential/agricultural purposes since at least 1945, and first developed for commercial use around 1973. During the Phase I ESA, three on-site PCAs were identified, drawing from data from a prior ESA conducted on the Phase I Property as well as from interviews. These on-site PCAs encompassed previously identified contaminants, buried debris, and snow storage areas, all classified as APEC on the Phase I Property.

Three PCAs were identified within the Phase I Study Area based on a review of aerial photographs and observations during the site reconnaissance. The property at 3676 Innes Road, approximately 99 m east of the Phase I Property, appeared to have an area graded with imported fill. The properties located at 3637, 3682, and 3698 Innes Road, approximately 230 m northeast of the Phase I Property, appeared to have



disturbed areas with large commercial vehicles and storage present. Based on the separation distances with respect to the Phase I Property, both aforementioned PCAs were not considered to represent an environmental concern on the Phase I Property. The property located at 3490 Innes Road, west adjacent to the Phase I Property, stored large commercial vehicles (school buses). No evidence of maintenance operations was observed during aerial photo review or site visit, and the PCA was not considered to represent an environmental concern on the Phase I Property.

Based on the findings of the Phase I ESA, a Phase II ESA was recommended to characterize soil and ground water quality prior to filing an RSC.

□ 'Phase II Environmental Site Assessment, 3610 Innes Road, Ottawa, Ontario', prepared by WSP, dated December 10, 2020.

The Phase II ESA references previous investigations and states 2013 to 2020 as duration of investigations. Three APECs were identified in the Phase I ESA conducted in April 2020 resulting from three on-site PCAs. Three additional APECs resulting from on-site PCAs were included in the Phase II ESA after receiving comments from MECP through the submission of a Record of Site Condition. These included the potential for wood preservatives to have leached from materials stored outdoors at the site; the use of salt for vehicular and pedestrian traffic in the areas of the outdoor storage; and the pumping of infiltrated groundwater from a remediation excavation to the grassed area east of the excavation.

The Phase II ESA consisted of the boreholes, test pits and surface grab samples collected on the site from 2013 to 2020 with maximum depth investigated as 7.0m below ground surface. Multiple groundwater monitoring wells were installed to collect groundwater samples. The MECP Table 3 SCS for RPI property uses was used for the site.

Based on the results of the Phase II ESA, elevated concentrations of metals and other inorganic parameters, PHCs (including BTEX), and/or PAHs in soil exceeding the Table 3 SCS were identified within the fill and native soils, extending to at least 2.5 mbgs in few areas mentioned as Areas 2 through Area 6 at the site. These areas were remediated in 2019 and the soil and groundwater quality at the site is suitable for residential land use.

Note that the Phase II-ESA (and remediation work) were completed to support the filing of a Record of Site Condition (RSC) for the greater property. The RSC was filed in 2021.



### **Environment Canada**

A search of the National Pollutant Release Inventory (NPRI) was conducted electronically on July 23, 2024. No records were found in the NPRI database for the Phase I Property or properties within the Phase I Study Area.

### **Areas of Natural Significance**

A search of natural significance and features within the Phase I Study Area was conducted on the website of the Ontario Ministry of Natural Resources (MNR) on April 23, 2024. No areas of natural significance were identified within the Phase I Property or Study Area.

### Ministry of the Environment, Conservation and Parks (MECP) Instruments

A request was submitted to the MECP Freedom of Information (FOI) office for information with respect to certificates of approval, permits to take water, certificates of property use or any other similar MECP issued instruments for the Phase I Property. A response from MECP was received on May 17, 2024. No records were found in search through ministry files. A copy of the response has been appended to this report.

### **MECP Submissions**

A request was submitted to the MECP FOI office for information with respect to reports related to environmental conditions for the Phase I Property. A response from MECP was received on May 17, 2024. No records were found in search through ministry files. A copy of the response has been appended to this report.

### **MECP Incident Reports**

A request was submitted to the MECP FOI office for information with respect to records concerning environmental incidents, orders, offences, spills, discharges of contaminants or inspections maintained by the MECP for the site or adjacent properties. A response from MECP was received on May 17, 2024. No records were found in search through ministry files. A copy of the response has been appended to this report.

### **MECP Waste Management Records**

A request was submitted to the MECP FOI office for information with respect to waste management records. A response from MECP was received on May 17, 2024. No records were found in search through ministry files. A copy of the response has been appended to this report.

### **MECP Coal Gasification Plant Inventory**

The Ontario Ministry of Environment document titled "Municipal Coal Gasification Plant Site Inventory, 1991" was reviewed to reference the locations of former plants with



respect to the site. No Municipal Coal Gasification Plant Sites are located within the Phase I Study Area.

### **MECP Brownfields Environmental Site Registry**

A search of the MECP Brownfields Environmental Site Registry was conducted as part of this assessment for the site, neighbouring properties and the general area of the site.

An RSC was identified for the property addressed 3610 Innes Road, which encompasses the Phase I Property, dated February 17, 2021. A review of the RSC filing did not identify any concerns to the Phase I Property as remediation work was completed as per Phase II ESA prepared by WSP on December 10, 2020.

Two RSC were identified for property addressed 240, 245, 270 and 275 Lamarche Avenue, adjacent to west side of the Phase I Property. Based on information provided in the RSC report, no Phase II ESA was necessary as no APECs were found on the site. These two RSC properties are not considered to pose a concern to the Phase I Property.

### MECP Waste Disposal Site Inventory

The Ontario Ministry of Environment document titled "Waste Disposal Site Inventory in Ontario, 1991" was reviewed as part of the historical research. This document includes all recorded active and closed waste disposal sites, industrial manufactured gas plants and coal tar distillation plants in the Province of Ontario. There are no former waste disposal sites located within 250 m of the Phase I Study Area.

### Technical Standards and Safety Authority (TSSA)

The TSSA, Fuels Safety Branch in Toronto, was contacted electronically on April 25, 2024, to inquire about current and former underground storage tanks, spills and incidents for the site and neighbouring properties. A response from the TSSA indicated that no records were listed in the TSSA registry for the Phase I Property. One record was identified for the property addressed 3605 Innes Road, approximately 160m north of the Phase I Property. The record consists of one active fuel oil tank. Based on the separation distance with respect to the Phase I Property, the identified PCA is not considered to represent an environmental concern to the Phase I Property.

A copy of the TSSA response has been appended to this report.

### City of Ottawa Landfill Document

The document entitled "Old Landfill Management Strategy, Phase I – Identification of Sites, City of Ottawa", was reviewed. No former waste disposal sites were identified in this document within the Phase I study area.



### City of Ottawa Historical Land Use Inventory (HLUI)

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 Phase I Property as well as any properties situated within the Phase I study area.

A response from the city was received on June 12, 2024. No new record was identified in the HLUI response compared to one conducted during April 2020 Phase I ESA, that represents potential environmental concern to the Phase I Property. A copy of the response has been appended to this report.

### Environmental Risk Information Service (ERIS) Report

An ERIS (Environmental Risk Information Service) Report was obtained for Phase I Property and surrounding lands as part of the Phase I ESA Update. It should be noted that the ERIS report includes information that can normally be obtained through the MECP FOI, MECP well records search as well as several other records (i.e., incident reports, waste generators, etc.). The complete ERIS report has been included in Appendix 1.

The ERIS report identified two records for the Phase I Property. An Environmental Compliance Approval record, dated July of 2022, was identified for the Phase I Property. The record is limited to sewer work and is not considered to represent an environmental concern to the Phase I Property. The ERIS report identified one Record of Site Condition record, for the property addressed 3610 Innes Road, which encompasses the Phase I Property for this Phase I ESA Update, dated February 17, 2021. The RSC filling is not considered to represent an environmental concern to the Phase I Property as previously discussed in the MECP Brownfields Environmental Site Registry section of this assessment.

A total of 25 records (six of which are a historical ERIS search) from various databases were identified for properties within the 250m radius of the Phase I Property.

The ERIS report identified two Record of Site Condition record, for the properties addressed 245 and 275 Lamarche Avenue dated April 20, 2020. The RSC filing is not considered to represent an environmental concern to the Phase I Property as previously discussed in the MECP Brownfields Environmental Site Registry section of this assessment.

The ERIS report identified 14 Water Well Information System records and one Borehole record within the Phase I Study Area, which are further discussed in the water well records section of this report.



The ERIS report identified two environmental compliance approval and environmental activity and sector registry records for properties within the Phase I Study Area. The records are limited to dewatering and sewage works and are not considered to pose an environmental risk to the Phase I Property.

### Aerial Photographs

The latest aerial photograph reviewed for the 2020 Phase I ESA was from 2019. A review of the 2022 aerial photograph shows the north portion of Phase I Property has stockpiles of material. The south portion of the Phase I Property appears to be vacant and grassed along eastern edge. The property adjacent north of the Phase I Property has been developed as a car wash building. A new commercial building has been developed on the property adjacent to northeast of the Phase I Property. Further residential development is observed southwest side of the Phase I Property.

A copy of the 2022 aerial photograph has been appended to this report.

### **Topographic Maps**

Topographic maps were obtained from Natural Resources Canada – The Atlas of Canada website and from the City of Ottawa website. Regionally, the topographic maps indicate the Phase I Property is approximately 87 m above sea level and regional topography in the general area of the Phase I Property slopes gently downward to the southwest. 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. According to this physiographic map, the site is located in the St. Lawrence Lowlands. According to the mapping description provided: "The lowlands are plain-like areas that were all affected by the Pleistocene glaciations and are therefore covered by surficial deposits and other features associated with the ice sheets." The Phase I Property is located in the Central St. Lawrence Lowland, which is generally less than 150 m above sea level.

### **Geological Maps**

The Geological Survey of Canada website on the Urban Geology of the National Capital Area was consulted as part of this assessment. Based on this information, bedrock in the area of the site is reported to consist of limestone of the Bobcaygeon Formation in north portion and limestone of the Lindsay Formation in south portion of the Phase I Property. Overburden consist of offshore marine sediments with a drift thickness on the order of 0 to 1 m in north portion of the Phase I Property and 1 m to 2 m in south portion.



### Water Well Records

A search of the MECP 's website for all drilled well records within 250 m of the subject site was conducted on April 25, 2024. No well records were identified for the Phase I Property.

36 well records were identified for properties within the Phase I Study Area. 20 of the records pertain to domestic water supply and public wells. One record was for commercial well. Ten well abandonment records were identified. Five well records were identified as monitoring wells located in the property, adjacent to south side of the Phase I Property. These monitoring wells are associated with previous Phase II ESA investigations performed in central portion of the property addressed 3610 Innes Road.

Based on the reviewed well records, the general stratigraphy in the area of the Phase I Property consists of clayey silts and/or silty clay underlain by limestone bedrock. The depth of bedrock in area is ranging from ground surface to 6.1 m below ground surface.

The domestic water supply wells were installed from 1953 to 1982. Surrounding properties that have been recently developed are currently serviced by the City of Ottawa water system, and it is probable that the wells identified in the water well records have been decommissioned. A copy of the well records has been appended to this report.

## Interviews

Ms. Melissa Pettem with Glenview Homes was interviewed as part of this Phase I ESA Update. Ms. Pettem stated that the property was formerly used to store commercial building supplies but has been vacant land since (at least) 2017 when Glenview Homes became the property owner. Ms. Pettem was not aware of any potential environmental concerns regarding the Phase I Property after remediation by WSP.

## Site Reconnaissance

A site reconnaissance visit was conducted on May 1, 2024, and weather conditions were cloudy with the temperature of 8 °C. Mr. Kuldeep Panchal from the Environmental Department of Paterson Group conducted the site inspection. In addition to the site, the uses of neighbouring properties within the Phase I Study Area were also assessed at the time of the site visit.

### **Buildings and Structures**

There are no buildings or structures located on the Phase I Property.



### Site Features

The Phase I Property was vacant at the time of the Site Reconnaissance. The Phase I Property is primarily covered with clay mixed with crushed stones and has an uneven topography. Site drainage typically occurs through infiltration.

No evidence of ozone-depleting substances (ODSs), underground storage tanks (USTs) or chemical storage was observed on the Phase I Property at the time of the site inspection. No potential sources of PCBs or transformer oil were observed on the exterior of the Phase I Property at the time of the site inspection.

No underground structures, drains, pits or sumps were observed on the exterior of the Phase I Property at the time of the site visit. No monitoring wells, potable wells or private sewage systems were observed on site during the Site Reconnaissance.

Reworked native material was identified throughout the Phase I Property, with larger stockpiles on the northeast, southeast and southwest portion of the Phase I Property. The presence of the reworked native material is not considered to represent a PCA on the Phase I Property. Small stockpiles of various material including broken concrete pieces, crushed stone and asphalt pieces were observed in east portions of the Phase I Property. These are materials that originated from the property and will be removed with redevelopment.

No evidence of current or former railway or spur lines was observed on the subject land at the time of the site visit. There were no unidentified substances observed on the exterior of the Phase I Property.

A temporary spill basin was observed on the property, which was used to control rainwater. No concerns are associated with this temporary basin.

The above-noted site features are shown on Drawing PE6537-1 - Site Plan.

### **Neighbouring Properties**

An inspection of the neighbouring properties was conducted from publicly accessible roadways at the time of the site inspection. Land use adjacent to the subject site was as follows:

- □ North Commercial buildings, followed by Innes Road;
- South Vacant land, followed by residential dwellings under development;
- East Vacant land, followed by commercial buildings;
- □ West vacant land, followed by Lamarche Avenue.



Land use within the Phase I Study Area consist of commercial and residential use with some vacant land present. No environmental concerns observed with current use of the neighbouring properties in the Phase I Study Area.

Current land use in the Phase I Study Area is illustrated on Drawing PE6537-2 – Surrounding Land Use Plan.

### Assessment of Uncertainty and/or Absence of Information

The information available for review as part of the preparation of this Phase I-ESA Update is considered to be sufficient to conclude that there are no APECs on the Phase I Property. A variety of independent sources were consulted as part of this assessment, and as such, the conclusions of this report are not affected by uncertainty which may be present with respect to the individual sources.

# Conclusions

The results of the records review, research, and site inspection indicated that there is one new PCA in the Phase I Study Area since the 2020 Phase I ESA. One active fuel oil tank record was found for the property addressed 3605 Innes Road, approximately 160m north of the Phase I Property. Based on the separation distance with respect to the Phase I Property, the identified PCA is not considered to represent an environmental concern to the Phase I Property.

All identified APECs in the 2020 Phase I ESA, have either been confirmed to be free of contaminants or have undergone necessary remediation overseen by WSP, followed by the filing of a Record of Site Condition.

Based on the results of this Phase I ESA Update, in our opinion, a Phase II Environmental Site Assessment is not required for the property.

## **Statement of Limitations**

This Phase I - Environmental Site Assessment Update report has been prepared in general accordance with O.Reg. 153/04, as amended. The conclusions presented herein are based on information gathered from a historical review and field inspection program. The findings of the Phase I ESA Update 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.



Ms. Melissa Pettem Page 11 File: PE6537-LET.01

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 Glenview Homes. Permission and notification from Glenview Homes and this firm will be required to release this report to any other party.

We trust that this submission satisfies your current requirements. Should you have any questions, please contact the undersigned.

### Paterson Group Inc.

Kuldeep Panchal, M. Eng

Adrian Menyhart, P.Eng., Q.P.<sub>ESA</sub>



### **Report Distribution:**

□ Ms. Melissa Pettem

Paterson Group

#### Attachments:

- Gillia Figure 1 Key Plan
- □ Figure 2 Topographic Map
- Aerial Photograph (2021)
- Drawing PE6537-1 Site Plan
- Drawing PE6537-2 Surrounding Land Use Plan
- □ FOI Decision Letter
- TSSA Correspondence
- HLUI Response Letter
- HLUI Reference Map
- MECP Well Records
- ERIS Report



FIGURE 1 KEY PLAN





FIGURE 2 TOPOGRAPHIC MAP





# AERIAL PHOTOGRAPH 2022







Ministry of the Environment, Conservation and Parks

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

Direction des services ministériels 40, avenue St. Clair Ouest Toronto ON M4V 1M2



May 17, 2024

Kuldeep Panchal Paterson Group 9 Auriga Drive Ottawa, Ontario kpanchal@patersongroup.ca

Dear Kuldeep Panchal:

### RE: MECP FOI A-2024-02533, Your Reference PE6537 – Decision Letter

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

3610 Innes Road, Ottawa

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

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

If you have any questions, please contact Adeolu Paul-Taiwo at adeolu.paultaiwo@ontario.ca.

Yours truly,

### Adeolu Paul-Taiwo

for Josephine DeSouza Manager, Access and Privacy Office

#### RE: PE6537 - Records search request

Public Information Services <publicinformationservices@tssa.org> Thu 4/25/2024 1:15 PM To:Kuldeep Panchal <KPanchal@patersongroup.ca>

### Hello ,

#### RECORD FOUND IN CURRENT DATABASE:

<ul> <li>We confirm that there are <u>fuels records</u> in our database at the subject address(es).</li> </ul>							
Inventory Number	<ul> <li>Address</li> </ul>	💌 City	Province	💌 Postal Code 💌	🛛 Reason Code 💌	Asset Class / Inventory Context	Asset Type / Inventory Item
43536831	3605 INNES F	RD OTTAM	A ON	K1C 1T1	Active	ES Euel Oil Tank	ES FLIEL OIL TANK

This is not a confirmation that there are no records in the archives. For a further search in our archives, please apply for release of public information (PI Form) through TSSA's new Service Prepayment Portal. The associated fee must be paid via credit card (Visa or MasterCard) through a secure site. Please follow the steps below to access the applications and the Service Prepayment Portal:

#### Accessing the applications

1. Click <u>Request a Public Record</u>

2. Select the appropriate application, download it, complete it in full and save it (you will have to upload application)

3. Proceed to page 3 of the application and click the "TSSA Service Prepayment Portal" link under payment options (the link will take you the secure site where you can pay for the request via credit card)

#### Accessing the Service Prepayment Portal

- 1. Select new or existing customer (\*if you are an existing customer, you will need your account number &
- postal code to access your account)
- 2. Under "Program Area" select Public Information and click continue
- 3. Enter application form number (found on the bottom left corner of the application form PI-095-v2) and click continue
- 4. Complete the primary contact information section
- 5. Complete the fee section
- 6. Upload your completed application
- 7. Upload supporting documents (if required) and click continue

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

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

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

Kind regards,



#### Slavka Zahrebelny | Public Information & Records Agent

Public Information 345 Carlingview Drive Toronto, Ontario M9W 6N9 Tel: +1 416-734-3585 | Fax: +1 416-734-6242 | E-Mail: <u>szahrebelny@tssa.org</u> www.tssa.org





#### Winner of 2024 5-Star Safety Cultures Award

From: Kuldeep Panchal <KPanchal@patersongroup.ca> Sent: Thursday, April 25, 2024 11:51 AM To: Public Information Services <publicinformationservices@tssa.org> Subject: PE6537 - Records search request

**[CAUTION]:** This email originated outside the organisation.

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

Hello,

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

Innes Road: 3544, 3564, 3592, 3604, 3605, 3610, 3636, 3672

Lamarche Avenue: 240, 245

Best Regards,

#### KULDEEP PANCHAL



Junior Environmental Scientist

Environmental Division

TEL: (613) 226-7381 ext 103 DIRECT: (613) 701-6276

9 AURIGA DRIVE OTTAWA ON K2E 7T9

patersongroup.ca

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

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

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



File Number: D06-03-24-0047

June 12, 2024

Kuldeep Panchal Paterson Group

Sent via email KPanchal@patersongroup.ca

Dear Kuldeep Panchal,

### Re: Information Request 3610 Innes Road Ottawa, Ontario ("Subject Property")

### Internal Department Circulation:

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

- Environmental Remediation Unit: The Environmental Remediation Unit has a Phase One Environmental Site Assessment (ESA), Phase Two ESA, and Phase Two ESA Update and Remediation report (WSP, 2016) that includes this property. Please contact ERU-UAE@ottawa.ca to obtain copies of the reports if required.
- Ottawa Public Health Environmental Health: all public inspection results are publicly available on the Ottawa Public Health website: <u>https://www.ottawapublichealth.ca/en/public-health-services/public-healthinspections.aspx</u>
- Sewer Use Program: The City's Sewer Use Program has not found any information pertaining to the subject property.
- **Solid Waste Services:** The subject property is not within 5 kilometers of any Solid Waste Services facilities.

### **Documents Provided:**

### HLUI Summary Report and HLUI Map

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

For more information on how to interpret the HLUI data identified in the attached excel sheet ('ADDRESS – HLUI Summary report.xlsx'), please refer to the <u>Overview and User</u> <u>Guide</u>."

### Additional information may be obtained by contacting:

### **Ontario's Environmental Registry**

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

### The Ontario Land Registry Office

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

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

### **Ottawa Public Health**

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

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

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

HLUI database is provided on an "as is" basis with no representation or warranty by the City with respect to the information's accuracy or exhaustiveness in responding to the request.

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

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

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

Sincerely,

### Jonathan Chan

Student Planner Development Review Planning, Development and Building Services Department

Enclosures: (2)

- 1. HLUI Map
- 2. HLUI Summary Report

cc: File no. D06-03-24-0047

# HISTORIC LAND USE INVENTORY (HLUI) - REPORT REFERENCE MAP



# Landfill ID: 133



Prepared By: D. Kiar Environmental Remediation Unit May 29 2024 City of Ottawa

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Casing and Screen Record	<b>i</b>		Pun	nping Test	
Inside diameter of casing	6	Static le	vel	4'	
Total length of casing	8.	Test-pur	nping rate	35° 125'	G.P.M
Type of screen			g level	- 48 Ho	v RS
Length of screen		Duratio	n of test pumping	end of test CLA	AR
Depth to top of screen			nended numping	rate 35	G.P.M
Diameter of finished hole	with	pumping level o	f 125	· · · · · · · · · · · · · · · · · · ·	
Well Log		<u> </u>	We	nter Record	7
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)
SILT	O	18			
Cont (MATON	18	142	70	50	FRESH
OKEY KIMESTONE			142	/38	·/·
		••••••		-	
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	······				
The last surger (a) is the water to be used	49	<u> </u>	Loc	ation of Well	/
CENTORI DUMPING SUST	TEM ,		In diagram below	v show distances	of well from
	a unland		road and lot lin	e. Indicate nort	h by arrow.
is well on upland, in valley, or on minister	61				, t
AA ~ 1 ~ 4 445.					
Drilling Firm 191.01.00 BHNEY					K.
Address			MARY	VANS	60 /F
					KSO-> =
Licence Number <u>G4</u>					5
Name of Driller E, MOLOVEHNEY					4
Address 13 PINHEY ST	•				AC
Date A.M. 30,60 U. A. M. J. J. M. J. M. J.	ctor)	•••			
		1			
		RE	6 PLAN 734	A course	<b>Y</b> R
		60	6		

·	In the second
TM 118 z 41519 101310 E	GROUND WATER BRANCH
$\frac{ 9 R 5032.670}{Elev.9 R 0300}$	ONTARIO ONTARIO WATER RESOURCES COMMISSION
Basin $\begin{vmatrix} 2 \\ 5 \end{vmatrix}$ $\begin{vmatrix} 1 \\ 4 \end{vmatrix}$ The Wa	ter-well Drillers Act, 1954
County or Territorial District	- WEII RECOID 
Con	Number (if in Village, Town or City) ddress
(day) (mont) Pipe and Casing Record	(year) Pumping Test

Casing diameter(s)	Static level
Length(s)	Pumping rate
Type of screen	Pumping level
Length of screen	Duration of test

Well Log

Water Record



	1		
······································		 <u></u>	
	- - -		
	·	 	
	l		



# Location of Well

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



I certify that the foregoing Date. aug. 13 2/2010 Ji zour DLACKBURNE bit 5 Signature of Licensee 15 Mills 3 bit 5 statements of fact are true. Form 5 CSS.S8

1G5h 72 GROUND WATER BRANNO M | 1 | 8 | 2 | 4 | 5 | 9 | 0 | 3 | 5 | E 1209 R 50 32 6185 N AUG 1 6 1958 Elev. 9 R 03010 ONTARIO WATER The Water-well Drillers Act, 1954 RESOURCES COMMISSION Basin 25 **Department of Mines** Water-Well Record Cando Tan hip, Village, Town or City... n Village, Town or Gity)...... Address ..... - L Date completed ..... (year) (day) (mon **Pumping Test** Pipe and Casing Record Casing diameter(s) ..... **H**\_\_\_\_\_ Pumping rate ...... Length(s) ..... Type of screen ..... Duration of test ...... ..... Length of screen ..... Water Record Well Log Depth(s) at which Kind of water То No. of feet From (fresh, salty, or sulphur) Overburden and Bedrock Record water(s) water rises ft. ft. found D.I.A. 0 6 70 alle For what purpose(s) is the water to be used? Location of Well Nonegte In diagram below show distances of well from Is water clear or cloudy ?..... road and lot line. Indicate north by arrow. Is well on upland, in valley, or on hillside M Drilling firm Address ..... ..... Name of Driller ..... I certify that the foregoing statements of fact are true. Date C.A.A.A. Signature of Licensee Form 5

21 31G5h 121 UTM 18 2 4151910110 E GROUND WITTER BMACH .5 5 50326551 FEB 1 1960 Elev. 14 03010 The Ontario Water Resources Commission Act, 1957 ONTARIO WATER RESOURCES COMMISSION Basin  $\lfloor 2S \rfloor$ <u>L</u>ine RECORD **WELL** WATER County or District Carleton te completed 26 10 dress .... **Pumping Test** Casing and Screen Record Inside diameter of casing...... Static level . G.P.M. Test-pumping rate.....! Total length of casing Type of screen..... 1 plant Duration of test pumping..... Length of screen Depth to top of screen..... G.P.M. Recommended pumping rate. with pumping for Water Record Well Log Depth(s) at which Kind of water (fresh, salty, sulphur) No. of feet water rises From ft. To ft. water(s) Overburden and Bedrock Record found lime Location of Well For what purpose(s) is the water to be used? acomeste In diagram below show distances of well from ..... road and lot line. Indicate north by arrow. Is well on upland, in valley, or on hillside? Aufor Drilling Firm Address ..... Licence Number Name of Driller... Address Ris Date .. 1 84.88 Form 5 15M-58-4149

4 <sup>(</sup>					
TTM 18241519101210 E			CSL GF	ROUND NOTER NO	No. 24 1 6
5 5032660			4.24	44 МАР - 3 1201	
		C. THE		MAN O ICS.	
Elev. 4 0 510 101 The Ontari	io Water Reso	ources Commi	ssion Act, 1957 R	ESOURCES COM.	
$\operatorname{Basin} \mathcal{A} \subseteq [\mathcal{A} ]$	FR WI	ELL R	ECORD		, -v-n¥()-rtineister
WAII				- Marie	artigi
County or DistrictCarlelen	· · · · · · · · · · · · · · · · · · ·	Township, ` _	Village, Town or	City for the	1960
		te comp	day (day	month	year)
		dress	( la		~( <b>A</b>
Casing and Screen Record			Pum	ping Test	
Inside diameter of casing		Static lev	vel	1	
Total length of casing 13		Test-pun	nping rate	5	Gale G.P.M.
Type of screen		Pumping	g level	2011	
Length of screen		Duration	of test pumping	, free	Pony
Depth to top of screen		Water cl	lear or cloudy at e	end of test	CALL CPM
Diameter of finished hole		Recomm with	pumping level of	5 15 D	
			Wa	ter Record	
Well Log		]	Depth(s)		Kind of water
Overburden and Bedrock Record	From ft.	To ft.	at which water(s) found	No. of feet water rises	(fresh, salty, sulphur)
lime stopl	0	65	52/1	59ft	fresh
		-			
		-			
		-			
		-			
				_	
		_			
For what purpose(s) is the water to be used	1?		Loca	tion of Well	
dom	estic		In diagram below	show distances of	of well from
I will an unland in valley or on hillside	- <u>}</u>		road and lot line	e. Indicate north	h by arrow.
Is well on upland, in valley, of on initial	laus-			1	
VI - 20	and the second		10/25		
Drilling Firm	20 yr		5⁄	<b>*</b> //	
Address	214			N A	Ø
	,			X	
Licence Number			4	¥7	S.
Name of Driller	Hirbury		\$ 04 mg	¢//	N.
Address address	ant		third line		*/
Date match	•••••			1 Mais n	
May Sin	serf.	·····			
argnature of Licensed Drilling Contra	ctor)				
Form 5 15M-58-4149		I	N.,	- i , i	ŝ.

$\frac{3 c 5h}{29}$ $\frac{5 c 5 2 2 2 2 6}{29}$ $\frac{5 c 5 2 5 2 2 2 6}{29}$ $\frac{6 c 5 2 2 2 2 6}{29}$ $\frac{6 c 5 2 2 6}{29}$ $\frac{6 c 5 2 2 2 2 6}{29}$ $\frac{6 c 5 2 2 2 2 2 6}{29}$ $\frac{6 c 5 2 2 2 2 2 2 6}{29}$ $6 c 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2$	urces Commission L RECO ownship, Village, T Date completed	Act ORD own or City ( 3 (day	WATER REFOL 15 <sup>IVISIN</sup> FEB 1 6 GHTARIO W RESCUE IS COM GIOUCE JON MONTO	RCES $C$ 1227 5101 STCT 1966 year)
Casing and Screen Record         Inside diameter of casing       5''         Total length of casing       2.2'         Type of screen       1         Length of screen       1         Depth to top of screen       1         Diameter of finished hole       5''         Well Log       1         Overburden and Bedrock Record       1         LimeStone       1	Static levei 4 Test-pumping ra Pumping level Duration of test p Water clear or ch Recommended p with pump settir From ft. 20	ate 8 20' pumping 1 oudy at end of pumping rate ng of 30 ft. 20 68	I HR f test CIOL S feet belo Water Depth(s) at which water(s) found 4'0 Lo2	G.P.M. G.P.M. w ground surface r Record Kind of water (fresh, salty, sulphur) Fresh
For what purpose (s) is the water to be used? OFF/CE Is well on upland, in valley, or on hillside? $L \in V \in L$ Drilling or Boring Firm $M^{\circ} L \in \mathcal{T} \cap W \otimes \mathcal{T} \subset \mathcal{T}$ $S \cup P \cap L \vee \mathcal{T} \cup \mathcal{T} \cap \mathcal{T}$ Address $1532$ $R \cap \mathcal{T} \subset \mathcal{T} \cap $	In diagra road and N N	Location m below show lot line. In 31'	of Well v distances of we dicate north by	ll from arrow.



Casing diameter(s)	Static level
Length(s)	Pumping rate
Type of screen	Pumping level
Longth of screen	Duration of test
TGUR MI OT BETCEIT """"""""""""""""""""""""""""""""""""	

Well Log

Water Record

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1912

Overburden and Bedrock Record	From ft.	To ft. 105	Depth(s) at which water(s) found	No. of feet water rises 90	Kind of water (fresh, salty, or sulphur)



For what purpose (s) is the water to be used? <u>Manual</u> Is water clear or cloudy? Is well on upland, in valley, or on hillside? <u>Upland</u> Drilling firm <u>Manual</u> Address <u>Manual</u> Name of Driller <u>Manual</u> Licence Number.<u>// 2.3</u> I certify that the foregoing

# Location of Well

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



statements of fact are true.

Date 8 7 ....

Signature of Licensee

# Form 5



10 3165h 100	297			Q
UTM 18 4592101		· · [	GROUD WNP	BRANCHO5
5 1 51,01312171210 The Ontario Water Reso	urces Commission	Act	SEP 12	1961
Elev. 4 1,931013 WATER WEL	L RECO	DRD	ONTARIO W	ATER
Basimity or District Chaple FTON 1	ownship, <del>Village, Te</del>	wn or Gity	KESDUPCES 601	HISSIDNA
3 OF Lot Pt. Lat 4 I	)ate completed	day	ally .	year)
	dress 276 /	JX. J	enio D	& Castnes
Casing and Screen Record		Pumping	g Test	
Inside diameter of casing 6 3/16 '	Static level	/a		4
Total length of casing	Test-pumping ra	te	00	G.P. <b>#</b>
Type of screen	Pumping level	2	8 1 2/2	
Length of screen	Duration of test p	umping	1 Type	~{ ?
Depth to top of screen	Water clear or clo	oudy at end of	test Cle	<b>e</b> .
Diameter of finished hole	Recommended p	umping rate	, 10	G.P.M.
	with pump settin	g of <i>d</i>	5 feet belo	w ground surface
Well Log			Wafe Donth(s) at	Kind of water
Overburden and Bedrock Record	From ft.	To ft.	which water(s) found	(fresh, salty, sulphur)
Grey Linestone	0	40	27'	Frick
			58-	17 Wert.
12		Location	of Well	I
For what purpose(s) is the water to be used:	In diagram	m below show	v distances of we	ell from
House up lands	road and	lot line. In	dicate north by	arrow.
Is well on upland, in valley, or on misside:		N	-	
Drilling or Boring Firm		41		
1014 maitland		5		
Address and Ottowo, Oak		E K		
1941	2HD	Boy		
Licence Number	Pd 4			
Address Harl, P.O	38700		<i>™ 400 °</i> (¥ 0	
Data 28 aug. 1961			0 ~	
L.B. D. Cherry				
(Signature of Licensed Drilling of Boring Contractor)				
Form 7 15M Sets 60-5930			ана се	
OWRC COPY				

Sasing and Screen Record	29 <sup>8</sup> ources Commission LL REC Fownship, Village, T Date completed Iddress R. R.	Act ORD own or City May 10th, (day # 1,, Orles Pumpir	GROUND WATE 15 N JUN 1 ONTARIO W RESOURCES COM Gloucester 1962 month ans, Ont.	BRANC 1962 ATER MISSION year)
Inside diameter of assing 2"	Statia lana	. ompir / t		
Inside diameter of casing	Static level	······•	······	9
Total length of casing	Test-pumping ra	.te אי	)†	(G.P.M.
Type of screen	Pumping level		2 <del>Մ</del> ոզ	
Length of screen	Duration of test p	oumping	2 919	
Depth to top of screen	Water clear or cle	oudy at end o	f test CLea	<b>r</b>
Diameter of finished hole	Recommended p	oumping rate	9	G.P.M.
	with pump settin	g of	20' feet belo	w ground surface
Well Log			Water	Record
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Top Soil	0'	11		
For what purpose(s) is the water to be used? domestic Is well on upland, in valley, or on hillside? Up Drilling or Boring Firm G. CHARBONNEAU DNAMOND DRILLER ARTESIAN WELLS MODERN HOME BUILDERS ORLEANS, ONT. 	In diagram road and	Location h below show lot line. Ind 	of Well distances of wel dicate north by	l from arrow.
Date May 10, 1962 Jeros Charles (Signature of Licensed Drilling or Boring Contractor) Form 7 15M Sets 60-5930 OWRC COPY		<b>7</b>		

UTM $                                     $	sources C	29 <sup>9</sup> Commission	Act	15 N	TER BRANCH
Elev. 4 R 0303 WATER WE		RFC	ORD		NON AN AN AN
Basin 25	Townshi		Cown or City	Gloucester	and the second
County or District Carleton $30$ , $30$ , $30$ , $100$ , $100$	Date cor	npleted	August	3. 1963	
		• •	(day	(3nd line	year)
		Vilea			
Casing and Screen Record	<u> </u>		Pumpir ig/	ig lest	
Inside diameter of casing	Tost	c level	ate 18		G.P.M.
Total length of casing	Dum	-pumping r			
Type of screen		ping level		<b>0</b> losse	
Length of screen	Wat	ar clear or cl	loudy at end o	2 nrs. ftest clear	
Depth to top of screen	Rec	ommended	pumping rate		S G.P.M.
Diameter of finished hole	with	nump setti	ng of <b>4</b>	5 feet belo	w ground surface
Wall log		- pump som		Water	r Record
Overburden and Bedrock Record		From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
broken rock		0	3		
limestone		3	50	50	fresh
For what purpose(s) is the water to be used? domestic		In diagra	<b>Location</b> um below show	of Well v distances of we	ll from p147
Is well on upland, in valley, or on hillside? upland Drilling or Boring Firm G.Charbonneau, Diamond & Cable Drilling Address R.R.#1, Box 194, Orleans, Ont. Licence Number 1025 Name of Driller or Borer G.Charbonneau Address R.R.# 1, Orleans, Ont. Date August 3/1963 Caignature of Licensed Drilling or Boring Contractor) Earm 7 10M-62-1152		road and	l lot line. Ir	FEFT ?	arrow. Mo
OWRC COPY		111		css.	53

UTM $\frac{1}{18}$ $\frac{4591160}{59160}$ E $\frac{5}{8}$ $\frac{50321630}{16}$ Ontario Water Resolution Elex $\frac{4}{251}$ $\frac{0303}{12}$ WATER WELL Basin $\frac{1251}{1251}$ $\frac{1}{16}$ carleton County or District T Con. 305 Lot 4 D	ownship, Village, T ate completed	Act ONT ORDUN	D WATER BLAW C <b>J5</b> Nº ARIO WATER DES COMMISSION Gloucester S er 1963 month	1408 Ewp.
Casing and Screen Record		Pumping	g lest	
Inside diameter of casing	Static level	40 		GPM
Total length of casing	Test-pumping ra	ate	20	G.I.M.
Type of screen	Pumping level		2 hra	
Length of screen	Duration of test	pumping	tost alega	
Depth to top of screen	Water clear or cloudy at end of test <b>Clear</b>			СРМ
Diameter of finished hole	Recommended	pumping rate $20$		G.F.W.
	with pump settin	ng of	Teet belo	Beend
Well Log			Denth(s) at	Kind of water
Overburden and Bedrock Record	From ft.	To ft.	which water(s) found	(fresh, salty, sulphur)
loam	0	2	42'	fresh
For what purpose(s) is the water to be used?		Location	of Well	
WARTINE	In diagra	m below show	distances of we	ll from
Is well on upland, in valley, or on hillside? upland	road and	$\mathbf{Q}$	ncate north by	arrow.
Drilling or Boring Firm	12	64		Me
G.Charbonneau Diamond & Cable Drilling,		~		,
Address R.R.# 1, Box 194, Orleans, Ont.		2 2 1		
Linner 1025		8		
Name of Driller or Borer G. Charbonneau	INNES			
Address R R # 1 Roy 104 Orleans Ont.	PUAD			
Date 11 November 1047		( 40 , )	AM TO MAY AND COMPANY OF THE AND A DESCRIPTION OF THE OWNER.	
Gerand Chartenneur	1			
(Signature of Licensed Drilling or Boring Contractor)				#.1
Form 7 15M-60-4138	7			1014
OWRC COPY				

UTM $1/8$ $4519141415^{E}$ 5 R 50131215 80 Ontario Water Reso Elev. $4 R 01300$ WATER WEI Basin 25 trict Lot L/	SURCES Commission LL RECC Township, Village, To Date completed	Act <b>DRD</b> own or City day C Y I U	UNTER RESOUNDIVISION DELTANG ONTARIO WAT RESOURCES COMM	RCES 1409 66 ER ISSUM 4 4 4 4 5 5 1409 66 ER ISSUM 4 5 5 5 5 5 5 5 5 5 5 5 5 5
Casing and Screen Record         Inside diameter of casing       2         Total length of casing       8         Type of screen       8         Length of screen       2         Depth to top of screen       2         Diameter of finished hole       2	Static level Test-pumping rat Pumping level Duration of test p Water clear or clo Recommended p with pump setting	Pumpin 4 te 4 umping udy at end of umping rate g of 2 0	$\begin{array}{c} g \text{ lest} \\ \hline \\ $	GPM. GPM. G.R.M. w ground surface
Well Log	1 1		Water	r Record
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
LIMESTOR	0	30	30	FRESH
For what purpose(s) is the water to be used? $775US \in$ Is well on apland) in valley, or on hillside? Drilling or Boring Firm. $D \cup FRESME$ Address. Licence Number. Name of Driller or Borer. Address. Date. $D \notin C = 7666$ Date. $D \notin C = 7666$ Date. $D \notin C = 7666$	In diagram road and	Location n below show lot line. In $\int \sigma_y^{-1}$	of Well w distances of we dicate north by L CT 4	ell from arrow.
Form 7 15M-60-4138		C	55.58	
OWRC COPY				

RECEI 31G-5h UTM  $\frac{1}{18}$   $\frac{1}{24}$   $\frac{4}{59000}$  E JAN 13 154 Nº **M**10 1 JAN 10 1994 ----GEOLOGICAL BRANCH +9 R 510 3216010 N DEPARTMENT of MINES Elev. 9 R 03031 Basino 25 Front ONTARIO The Well Drillers Act Conc-III Department of Mines, Province of Ontario Lat- 5. Water Well Record Jourster (year) (day) (month)

Casing diameter (s)	DateSome Static level Pumping level Pumping rate Duration of test Distance from cylinder or bor	wls to ground	I level	
W	ater Record			
Kind (fresh or mineral)Quality (hard, soft, contains iron, supphur, etc.).		Depth(s) to Water Horizon(s)	Kind of Water	No. of Feet Water Rises
How far is well from possible source of contamination? What is the source of contamination? Enclose a copy of any mineral analysis that has been made	50- La Lando			

# Well Log

Overburden and Bedrock Record	From	To
<u>A</u>	0 ft.	ft.
Clay soil		6
Lunton		43
		<b>7</b>
		·
		-
		-
		-
		-
	<u> </u>	- 
, 	<u> </u>	
		·

# Location of Well

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

Drilling Firm. O caling here Bernier Address... ....Address..... Name of Driller. 9200-27/53 .....Licence Number... Date. FORM 5 Signature of Licensee C55.53
alcsh and	DERE			C
UTIN 18 2 41519 101615 E		GROUND W	ATER BRANCH	$\chi^{1413}$
5r. 5013 2 6.410 The Ontario Water Res	ources Commission	Act SEP !	5 1962	
Elev. 44 0 3 0 3 WATER WE	LL REC	O R D TAR	O WATER	
Basin 25- CARLETON	Township, Village, T	own or City	G-Love	ESTER
Con. 30F Lot 5	Date completed	15	JUNE	62
		(day CRLEAN	month	year)
	1 655			
Casing and Screen Record		Pumping	j Test	<u> </u>
Inside diameter of casing	Static level	20	OGPH	
Total length of casing	Test-pumping ra	ate <b>~</b>	30	
Type of screen	Pumping level	numping	IHR	
Length of screen	Water clear or cl	oudy at end of	test <i>C</i> C	e Br
Depth to top of screen	Recommended 1	outry at cite of	20061	ort
Diameter of finished hole	with nump settin	35 $35$	feet belo	w ground surface
Well Leg	with pump settin		Water	r Record
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
5014	σ	1	Touris	
			1	
		- Ll d	4.2	FRITH
L mostore	/	40	40	FRESH
L 1205700		40	40	FRISH
L 1205700		40	40	FRISH
L 1205700		40	40	FRISH
		40	40	FRESH
L 1200				FRESH
For what purpose(s) is the water to be used?		Location m below show	40 of Well distances of we	FRISH Il from
For what purpose(s) is the water to be used?	In diagra road and	Location m below show lot line. Ind	40 of Well distances of we	FRISH Il from arrow.
For what purpose(s) is the water to be used? Is well on upland, in valley, or on hillside?	In diagra road and	Location m below show lot line. Ind	40 of Well distances of we licate north by	FRISH Il from arrow.
For what purpose(s) is the water to be used? Is well on upland, in valley, or on hillside? Drilling or Boring Firm MARIEL COSSETTE	In diagra road and	Location m below show lot line. Ind	40 of Well distances of we licate north by	FRISH Il from arrow.
For what purpose(s) is the water to be used? Is well on upland, in valley, or on hillside? Drilling or Boring Firm MARLEL COSSETTE ORLEAMS	In diagra road and	Location m below show lot line. Ind	40 of Well distances of we licate north by	FRISH Il from arrow.
For what purpose(s) is the water to be used? For what purpose(s) is the water to be used? Is well on upland, in valley, or on hillside? Drilling or Boring Firm MARCEL COSSETTE ORLEDHS	In diagra road and	Location m below show lot line. Ind	40 of Well distances of we licate north by	FRISH Il from arrow.
Limestra         For what purpose(s) is the water to be used?         For what purpose(s) is the water to be used?         Is well on upland, in valley, or on hillside?         Drilling or Boring Firm         MARLEL Casse 775         Address         Licence Number	In diagra road and	Location m below show lot line. Ind	40 of Well distances of we licate north by	FRISH Il from arrow.
Imtoration         For what purpose(s) is the water to be used?         Is well on upland, in valley, or on hillside?         Drilling or Boring Firm         Is well on upland, in valley, or on hillside?         Drilling or Boring Firm         Is prime         Is prime         Is well on upland, in valley, or on hillside?         Drilling or Boring Firm         Is prime         Is prim	In diagra road and	Location m below show lot line. Ind	40 of Well distances of we licate north by	FRISH Il from arrow.
Imtornet         For what purpose(s) is the water to be used?         For what purpose(s) is the water to be used?         Is well on upland, in valley, or on hillside?         Drilling or Boring Firm         Is well on upland, in valley, or on hillside?         Drilling or Boring Firm         Is well on upland, in valley, or on hillside?         Drilling or Boring Firm         Is well on upland, in valley, or on hillside?         Drilling or Boring Firm         Is well on upland, in valley, or on hillside?         Drilling or Boring Firm         Is well on upland, in valley, or on hillside?         Drilling or Boring Firm         Is well on upland, in valley, or on hillside?         Drilling or Boring Firm         Is well on upland, in valley, or on hillside?         Drilling or Boring Firm         Is well on upland, in valley, or on hillside?         Drilling or Boring Firm         Is well on upland, in valley, or on hillside?         Is well on upland, in valley, or on hillside?         Is well on upland, in valley, or on hillside?         Is well on upland, in valley, or on hillside?         Is well on upland, in valley, or on hillside?         Is well on upland, in valley, or on hillside?         Is well on upland, in valley, or on hillside?         Is well on u	In diagra road and	Location m below show lot line. Ind	40 of Well distances of we licate north by	FRISH Il from arrow.
Limssim         For what purpose(s) is the water to be used?         His well on upland, in valley, or on hillside?         Drilling or Boring Firm         MARLEL Cosse TTE         Address         Licence Number         Licence Number         Address         Date	In diagra road and	Location m below show lot line. Ind	40 of Well distances of we licate north by	FRISH Il from arrow.
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For what purpose(s) is the water to be used? For what purpose(s) is the water to be used? Is well on upland, in valley, or on hillside? Drilling or Boring Firm MALEL COSSETTE Address Licence Number Name of Driller or Borer Address Date Date Market Cosset Signature of Licensed Drilling or Boring Contractor)	In diagra road and	$\frac{43}{2}$ Location m below show lot line. Ind $\frac{0 L P}{2}$	4 0 of Well distances of we icate north by 17 25 3 8 3 8 3 8 3 8 3 8 3 8 3 8 3 8 3 8 1 1 1 1 1 1 1 1 1 1 1 1 1	FRISH Il from arrow.
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UTM $182$ $4591130$ E 585032680 The Ontario Water Reso Elev. $480303$ WATER WEL Basin $25$ Carleton T County or District Carleton T Con. 3 0 P Lot 5 D	urces Commission L RECC Fownship, Village, To Date completed	GROUND W SEP Act ONTARI CRODES Own or City July 24, 2 day	ATER BRANCH 5 1952 N 0 WATER COMMISSION Gloucester 1962 month	year)
	ress R.R.	# 1, Orl	eans, Ont.	
Casing and Screen Record		Pumpin	g Test	
Inside diameter of casing 2"	Static level			
Total length of casing 81	Test-pumping rat	.e 9		G.P.M.
Type of screen	Pumping level	20'		
Length of screen	Duration of test p	umping 2	hrs	
Depth to top of screen	Water clear or clo	udy at end of	test <b>clear</b>	
Diameter of finished hole 2"	Recommended p	umping rate	9	G.P.M.
	with pump setting	of <b>20</b> ۱	feet belo	w ground surface
Well Log			Water	Record
Overburden and Bedrock Record	From ft.	To ft.	Depth(s) at which water(s) found	Kind of water (fresh, salty, sulphur)
Grey Limestone	0"	33	33'	Fresh
For what purpose(s) is the water to be used? domestic Is well on upland, in valley, or on hillside? Drilling or Boring Firm G. CHARBONNEAU DIAMOND DRILLER ARTESIAN WELLS Address Address ORLEANS, ONT. R.R. 1 Navan 9R - 25 Licence Number 600 Name of Driller or Borer G. Charbonneau AddressR.R. # 1, Box 194, Orleans, Ont. Date July 24, 1962 July 24,	In diagram road and The Corr The Corr The Corr Torn 3	Location a below show lot line. Ind V	of Well distances of wel dicate north by	l from arrow. V N <sup>0</sup> N
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		The Ontario Wa	ter Resour	ces Comm	ission Act	3/0	515 N	~
Vater management in	Ontario 1. PRINT ONLY IN SPAC 2. CHECK 🛛 CORRECT	ES PROVIDED		<b>15</b> 10 3 4			<u></u>	C C
OUNTY OR DISTRICT		TOWNSHIP, BOROUGH, CITY, TO Gloucester	WN, VILLAGE	· ·	CON., BLOCK, TRACT, SUI	IVEY, ETC.	di di	0T 25- 14
		R. NO.	2 - Box	138 - 0	rleans, Ont.	DATE COMPL	ETED NO	53
		HING 0, 3, 2, 7, 5	9.0 4	ELEVATION	RC. BASIN CODE			<u>īv</u>
<u> </u>		OF OVERBURDEN A	ND BEDROC	Z6 K MATERIAL	30 31 S (SEE INSTRUCTIONS)			
ENERAL COLOUR		OTHER MATERIA	LS		GENERAL DESCRIPTION		DEPTH FROM	– FEET TO
grey	clay						0	6
grey	limestone						6	45
	aast 1 1 1 00:45				54 SIZE(S) OF OPENING	65 31-33 DIAMET		
AT - FEET 72 7 10-13 1 7 10-13 2 [ 15-18 1 [ 20-23 1 [	KIND OF WATER           FRESH         3         SULPHUR         14           SALTY         4         MINERAL           FRESH         3         SULPHUR         19           SALTY         4         MINERAL         19           SALTY         4         MINERAL         24	Juerote Inam. INCHES         MATERIAL         TI           6         10-11         11         STEEL         12         2         GALVANIZED         3         CONCRETE         4         OPEN HOLE         17-18         1         STEEL         19	WALL DE HICKNESS FROM	PTH - FEET 1 TO 13-16 20-25 20-23	MATERIAL AND TYPE MATERIAL AND TYPE G1 PLUGGING DEPTH SET AT - FEET FROM	& SEAI MATERIAL AND	INCHES DEPTH TO TOP OF SCREEN	41- FEET COR MENT GRO PACKER, I
25-28 1 [ 2 [ 2 ] 2 ] 2 ] 2 ] 2 ] 2 ] 2 ] 2 ] 2 ] 2 ]	J FRESH     3     SULPHUR       SALTY     4     MINERAL       J FRESH     3     SULPHUR       SALTY     4     MINERAL       J FRESH     3     SULPHUR       J FRESH     3     SULPHUR       J FRESH     3     SULPHUR       J SALTY     4     MINERAL	2 GALVANIZED 3 CONCRETE 4 OPEN HOLE 24-25 1 STEEL 26 2 GALVANIZED 3 CONCRETE 4 OPEN HOLE 11-14 DUBATION OF PUMPI	<u>\$0</u>	5 <del>245</del> 2045 27-30	10-13 14-17 18-21 22-25 26-29 30-33 8			
The static level 19-21 1. Static level 19-21	2□ BAILER         000 ±           wATER LEVEL END OF PUMPING         25         wATER           22-24         15 MINUTES         26-28           040         02 2         FEET           38-41         PUMP INTAKE SE         GPM.           MP TYPE         RECOMMENDED PUMP         PUMP           ME TYPE         SETTING         01	$\begin{array}{c c} & & & \\ \hline & & \\ \hline & & \\ \hline \\ \hline \\ \hline \\ \hline \\$	00         17-18           MPING		AGRAM BELOW SHOW DISTANC INE. INDICATE NORTH BY AR	N 5 H J P	L DM ROAD AND OKLE P	an: 21
FINAL STATUS OF WELL WATER USE	54     1     WATER SUPPLY       2     OBSERVATION WELL       3     TEST HOLE       4     RECHARGE WELL       15-56     1     DOMESTIC       2     STOCK     3       3     IRRIGATION       4     INDUSTRIAL       QTHER	5       ABANDONED, INSUFFIC         6       ABANDONED, POOR QL         7       UNFINISHED         5       COMMERCIAL         6       MUNICIPAL         7       PUBLIC SUPPLY         8       COOLING OR AIR CONDITION         9       NOT US	DIENT SUPPLY JALITY DNING ED		0.1			
METHOD OF DRILLING	57 1 CABLE TOOL 2 ROTARY (CONVENTI 3 ROTARY (REVERSE) 4 ROTARY (AIR) 5 AIR PERCUSSION CONTRACTOR	6 DORING 0NAL) 7 DIAMOND 8 JETTING 9 DRIVING	E NUMBER	DRILLERS FEMARK	S: 58 CONTRACTOR 59	J800	1960	63
ADDRESS 1014 NAME OF DRILL	DUFRESNE & C Maitland Ave	., Ottawa 5, C	Ont.	IN DATE OF INSPEC			1203	Ê
R. L			<b>у</b> ув. <b>69</b>	OFFICE				

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	LOG	OF OVERBURD	DEN AND BED	ROCK MA	TERIALS	S (SEE INST	RUCTIONS)		DEPTH	- FEET
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15-18 1 C ERESH	4MINERAL		HIZED 7 6 7	<u>ි</u> (ආ	25	<u>[61]</u>	PLUGGIN	G & SEAL	ING REC	ORD
2 SALTY	4   MINERAL	4 10 DENT	19	85	20-23	DEPTH SE	T AT - FEET	ATERIAL AND	TYPE (CEN	AENT GROUT. PACKER, ETC.)
	4 MINERAL		NIZED ETE KOLE	(0	050	10-1	14-17			
z SALTY	4 MINERAL	24-25 1 🗍 STEEL 2 🗌 GALVAN	26 NIZED		27-30	18-2	1 22-25			
30-33 I 🗍 FRESH 2 🗍 SALTY	3 SULPHUR 4 MINERAL	3 CONCR 4 OPEN H	ETE HOLE		]	20-2	30-33			
71 UMPING TEST METHOD	10 PUMPING RATE		15-16 00	17-18		LC	CATION C	FWEL	L	
STATIC WATER LE LEVEL BILL	EVEL 25 F WATER LEV	CELS DURING	PUMPING		IN DIA LOT LI	GRAM BELOV	N SHOW DISTANCE CATE NORTH BY A	S OF WELL RROW.	FROM ROAD	AND
	22-24 15 MINUTES 26-28	30 MINUTES 45 M	32-34 60 MINU	TES 35-37						
IF FLOWING, GIVE RATE	FEET PUMP INTAKE SE	T AT WATER	AT END OF TEST	42			Z	la	m	7
RECOMMENDED PUMP TYPE	GPM RECOMMENDED	FEET 1 2	CLEAR 2 CLC	46-49			-	-+	- 1.4 n	n:>
SHALLOW DEE	P SETTING	FEET PUMPIN RATE	0005	GPM			1 -	AF		' çl
54 1		5 🗍 ABANDONEI	D, INSUFFICIENT SUF	PLY			100 /	V		*
STATUS	OBSERVATION WELL TEST HOLE	6 🗌 ABANDONEI 7 🗍 UNFINISHE	D. POOR QUALITY D				12	,		W
55-56 I G	DOMESTIC	5 COMMERCIAL					10			4
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USE V		9	NOT USED		h h					
METHOD 2	CABLE TOOL ROTARY (CONVENT)	6 🗍 BC ONAL) 7 🗍 DI	AMOND			50-	11			
	] ROTARY (REVERSE) ] ROTARY (AIR) ZATR PERCUSSION	8 [] JE 9 [] DR	TTING NVING	DRIL	FRS REMAR					
NAME OF WELL CONTRACT			LICENCE NUMBE			58 C	ONTRACTOR 59-67	DATE RECEIVE	* ^ ^ ^	63-64 #0
C ADDRESS	maple -	Rafbre	14 365	8 ON	DATE OF INSP	ECTION	3658 INSPECTOR	2	100	5
BALLE RACI	Fal Q	tan 4	LICENCE NUMBE	USE .	REMARKS:					n
NAME OF DRILLER OR BO	y Harry	celton	DATE	FICE						۲
U SIGNATURE OF CONTRACT	Les in man	DAY	NO Y	R E O			C	55.53		WI
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Min Env	istry of the		The Ontario Water Resources Act
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COUNTY OR DISTRICT	1. PRINT ONLY IN 2. CHECK 🛛 CORF	SPACES PROVIDED	1516929 USO02 0F 15 22 23 24 CON. BLOCK. TRACT. SURVEY. ETC.
site	iont	GLOUERSTER.	<u>З О. F. Ш 48-53</u> DATE COMPLETED 48-53
		Innes Rd.	Orléans. Ont. $DAY = 24 = MO OG = VR = 78$
	10 12 L(		CK MATERIALS (SEE INSTRUCTIONS)
GENERAL COLOUR	MOST COMMON MATERIAL	OTHER MATERIALS	GENERAL DESCRIPTION DEPTH - FEET FROM TO
brown	hardpan		0 4
grey grev	<u>slate</u> limestone		<u> </u>
		····	
41 WAT	ER RECORD	51 CASING & OPEN HOLE	A3 34 65 75 80 RECORD SIZE(S) OF OPENING 31-33 DIAMETER 34-38 LENGTH 39-40 (SLOT NO.)
AT - FEET	KIND OF WATER	DIAN MATERIAL THICKNESS INCHES INCHES FI	RUM TO MATERIAL AND TYPE DEPTH TO TOP 41-44 30 13-16 OF SCREEN
	FRESH <sup>3</sup> SULPHUR	06         2 □ GALVANIZED           61         3 □ CONCRETE           4 □ OPEN HOLE	0 22 61 PLUGGING & SEALING RECORD
20-23 1 [] 2 []	FRESH <sup>3</sup> SULPHUR <sup>24</sup> SALTY <sup>4</sup> MINERAL	17-18 1 STEEL 19 2 GALVANIZED 3 CONCRETE	20-23         DEPTH SET AT - FEET         MATERIAL AND TYPE         (CEMENT GROUT. LEAD PACKER. ETC.)           10-13         14-17
25-28 1 [] 2 []	FRESH 3 ] SULPHUR SALTY 4 ] MINERAL	4 OPEN HOLE 24-25 1 STEEL 26	27-30 18-21 22-25
30-33 1 [] 2 []	5RESH 3 [] SULPHUR SALTY 4 [] MINERAL	3 CONCRETE 4 OPEN HOLE	26-29 30-33 80
71) PUMPING TEST MET	tod 10 PUMPING BATE	11-14 DURATION OF PUMPING GPM 01 15-16 30 17-18 MINS	LOCATION OF WELL
STATIC LEVEL	WATER LEVEL 25 END OF WATER L PUMPING 22-24 15 MINUTES	T □ PUMPING EVELS DURING 2 2 RECOVERY 1 30 MINUTES 1 45 MINUTES 1 60 MINUTES	IN DIAGRAM BELOW SHOW DISTANCES OF WELL FROM ROAD AND LOT LINE. INDICATE NORTH BY ARROW.
	030 FEET 011 FEE	T 011 FEET 011 32-34 FEET 011 FEET 011 FEET 011 FEET 014	M.
	GPM IP TYPE RECOMMENDED	30 FEET 1 ℃ CLEAR 2 □ CLOUDY 43-45 RECONVENDED 45-49	
SO-53		30 FEET RATE 0010 GPM	Σ Σ
FINAL	1 WATER SUPPLY	5 ABANDONED, INSUFFICIENT SUPPLY	I CONIT
STATUS OF WELL	I OBSERVATION WEL I TEST HOLE I RECHARGE WELL	7 UNFINISHED	1 And
WATER	<ul> <li>DOMESTIC</li> <li>DOMESTIC</li> <li>STOCK</li> <li>IRRIGATION</li> </ul>	5 CONMERCIAL 6 MUNICIPAL 7 PUBLIC SUPPLY	
USE 🕻	Industrial other	COOLING OR AIR CONDITIONING     ONT USED	×nn! 3
METHOD	CABLE TOOL     CABLE TOOL     CONVENT     CONVENT	6 BORING IONAL) 7 DIAMOND	
DRILLING	4       Image: Reverse (air)         5       1         Air percussion	, • □ JETTING 9 □ DRIVING	DRILLERS REMARKS
RAME OF WELL C	ontractor	Brilling Ltd. 1504	DATA 58 CONTRACTOR 59-62 DATE RECEIVED 63-58 80
	Box 194. Orl	éans. Ont. K1C 1T1	DATE OF INSPECTION INSPECTOR L J.P.P.
Léo Bo	r or borer urgeois		
O SIGNATURE OF C	autor	SUBMISSION DATE DAY 24 NO. 6 YR. 78	ес55.58
MINISTRY	OF THE ENVIRO	DNMENT COPY	FORM NO. 0506-477

Ministry of the	?	The Ontari	io Water Resource	es Act	316-5L
Ontario Environment	ACES PROVIDED	1518180			
2. CHECK CORREC	TOWNSHIP. BOROUGH. CITY, TOWN. VILLAGE	c	IN. BLOCK. TRACT. SURVEY.		LOT 23-27
0 0 bawa-bai 10 aun	hes Rd. Orl	éang Ont	- 49 -	DATE COMPLETED	"···· 82
	32699	4 0303 A			
LOC	G OF OVERBURDEN AND BEDR	OCK MATERIALS (SE	e instructions)		
GENERAL COLOUR MOST COMMON MATERIAL	OTHER MATERIALS	GEN	VERAL DESCRIPTION	DEPT FROM	H · FEET TO
brown hardpan				0	4
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31         boods         00831           32         1 <td< td=""><td><b>⋜/ङ</b>[,,<u>,</u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</td><td>] [ ] ] _ ] _ [ _ ] ]</td><td></td><td></td><td></td></td<>	<b>⋜/ङ</b> [,, <u>,</u> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	] [ ] ] _ ] _ [ _ ] ]			
41 WATER RECORD	51 CASING & OPEN HOLE	RECORD Z	2E(S) OF OPENING 31-	65 33 DIAMETER 34-38	1 75 00 LENGTH 39-40
WATER FOUND KIND OF WATER	INSIDE WALL DIAM MATERIAL THICKNESS INCHES F		ATERIAL AND TYPE	INCHES DEPTH TO TOP OF SCREEN	FEET 41-44 30
2   SALTY 4   MINERAL 15-18 1   FRESH 3   SULPHUR 19	64 2 GALVANIZED 205		PLUGGING	SEALING RECO	
20-23 1 FRESH 3 USUPHUR 24 2 SALTY 4 MINERAL	17-14 1 D STEEL 19 2 GALVANIZED	20-23 DEPT FRO	H SET AT - FEET MATH	ERIAL AND TYPE (CEM LEAD P	ENT GROUT ACKER ETC )
25-28 1 _ FRESH 3 _ SULPHUR 29 2 SALTY 4 MINERAL	CONCRETE     CONCRETE     COPEN HOLE     COPEN	27.30	10-13 14-17 18-21 22-25		
30-33 1 [] FRESH 3 [] SULPHUR 34 80 2 [] SALTY 4 [] MINERAL	2 GALVANIZED 3 CONCRETE 4 OPEN HOLE		26-29 30-33 80		
UMPING TEST METHOD air 10 PUMPING RATE	11-14 DURATION OF PUMPING 11-16 00 17-18		LOCATION OF	WELL	
STATIC LEVEL END OF PUMPING WATER LEVE	GPM HOURS MINS 1 PUMPING LS DURING 2 CRECOVERY	IN DIAGRAM BE LOT LINE. I	ELOW SHOW DISTANCES O NDICATE NORTH BY ARRO	F WELL FROM ROAD #	ND .
$\begin{bmatrix} 0 \\ 0 \\ 0 \\ 0 \end{bmatrix}_{FEET} \begin{bmatrix} 0 \\ 0 \\ 0 \end{bmatrix}_{FEET} \begin{bmatrix} 0 \\ 0 \\ 0 \end{bmatrix} \begin{bmatrix} 22 - 24 \\ 0 \\ 0 \end{bmatrix} \begin{bmatrix} 0 \\ 0 \\ 0 \end{bmatrix}_{FEET} \begin{bmatrix} 0 \\ 0 \\ 0 \end{bmatrix}_{FEET} \begin{bmatrix} 0 \\ 0 \\ 0 \end{bmatrix}$	30 MINUTES 313 29-31 013 32-34 013 55-37 FEET 013 FEET 55 FEET 56 FEET 56 FEET	p l			$\mathcal{N}$
C IF FLOWING, 38-41 PUMP INTAKE SH	AT WATER AT END OF TEST 42				$\lambda$
RECOMMENDED PUMP TYPE PRECOMMENDED PUMP SETTING	43-45 RECOMMENDED 46-49 PUMPING 46-49 POMPING 6005 GPM				$\bigvee_{\mathbf{a}}$
\$0.53 54 . 35		V X			×
FINAL STATUS OF WELL / A WATER SUPPLY C OBSERVATION WELL C OBSERVATION WELL C OBSERVATION WELL	<ul> <li>ABANDONED, INSUFFICIENT SUPPLY</li> <li>ABANDONED POOR QUALITY</li> <li>UNFINISHED</li> </ul>	est a		and a second	
				a shared a first share of the	
WATER 3 IRR GATION 7 USE 01 4 INDUSTRIAL 4	PUBLIC SUPPLY     COOLING OR AIR CONDITIONING		na na haran ana ang ang ang ang ang ang ang ang a	a forma a super a super	·
	O NOT USED     BORING	14	REG,	20	
OF 4 A ROTARY (CONVENTION) OF 4 A ROTARY (REVERSE) DRILLING 4 A ROTARY (AIR)	AL) 7 🗆 DIAMOND 4 🖸 JETTING No. 9 🗊 DRIVING	50			
AIR PERCUSSION	LICENCE NUMBER	DRILLERS REMARKS	CONTRACTOR 58.63 DAVE	RECEIVEN	·
B. Charbonneau +Son Dr	cilling Ltd 1504	DATE OF INSPECTION	1504 0	5048	3""
R.R. 2, Box 194, Or	Leans, Ont. KIC 19			· · • • ·	
SIGNATUR OF CONTACTOR	SUBMISSION DATE	FFICE		×.	
La cont	- DAY 17 NO 00 YR 82	0			

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	atter textera	s Rd, Orlé	ans, Ont	•	<u>ат 17 мо 06 тя 82</u>
		and the second data is the second s	5 20		
	L.C Nost	OG OF OVERBURDEN AND BEDRO	OCK MATERIA	LS (SEE INSTRUCTIONS)	DEPTH · FEET
	COMMON MATERIAL			GENERAL DESCRIPTION	FROM TO
rev	limestone		·		4 83
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TER FOUND	KIND OF WATER	INSIDE MATERIAL DILLENDE	DEPTH FEET	Z ISLOT NO I UI C MATERIAL AND TYPE	
83	FRESH - I [] SULPHUR SALTY - 4 [] MINERAL	64 - 1 GALVANIZED 205	0 21	s s	OF SCREEN FEET
ייין יים ניין יים	FRESH <sup>3</sup> [] SULPHUR <sup>1</sup> 7 SALTY <sup>4</sup> [] MINERAL	(] CONCRETE 1 ] CPEN HOLE		61 PLUGGING 8	SEALING RECORD
	FRESH 1 [] SULPHUR 1 SALTY 4 ] MINEHAL	С (), сал. сальсе () 1 () ССАХ НЕТЬ 1 () ССАХ НЕТЬ		FROM 10 MATE 10-13 14 17	RIAL AND TYPE LEAD PACKEP ETC :
2 Cl	JRESH 3 [] SULPHUR ''   SALTY 4 [] MINERAL	ZĂ-ES I LI STEEL ZO P CI GALVANIZED	01.15	18-23 22.25	
2 []	FRESH 3 D SULPHUR SALTY 4 D MINERAL	I (J CONCRETE C) OPEN HOLE		26 Z9 30-11 80	
PUMPING TEST MET	HOD air ' fumping rate 4 D bailer	5 1 15 16 17 18 GPM HOURS MTN.		LOCATION OF	WELL
	WATER LEVEL 25 END OF WATER L PUMPING 20.34	LVELS DURING 2 [] RECOVERY	IN DIA LOT LI	GRAM BELOW SHOW DISTANCES OF NE INDICATE NORTH BY ARROY	WELL FROM ROAD AND V
13	$\frac{80}{\text{FEET}} = 20^{24.21}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\sqrt{1}$		$\sim$
F FLOWING GIVE RATE	38 41 FUMP INTAK	HAT WATER AT END OF TEST 42			$   \in \mathcal{N}$
RECOMMENDED PUN	NP TYPE RECOMMENDED PUMP X DEEP SETTING	43 45 RECOMMENDED 40 49 PUMPING FEET RALE 5 GPM			
- 53	317		V I		
FINAL STATUS	A WATER SUPPLY     OBSERVATION WEL     TEST HOLE	S [] ABANDONED INSUFFICIENT SUPPLY E [] ABANDONED POOR QUALITY C [] UNFINISHED			
OF WELL	C RECHARGE WELL     S6   K DOMESTIC	() COMMERCIAL			
WATER	2 🗍 STOCK 2 [] IRREGATION 4 [] INDUSTRIAL	<ul> <li>L] MUNICIPAL</li> <li>[] PUBLIC SUPPLY</li> <li>[] CODING OF AIR CONDITIONING</li> </ul>			
	57 CTHER	' [.] NOT USED	2	$\mathcal{P} \in \mathcal{L}^{*}$	<b>5</b> ,
METHOD OF DRILLING	CABLE TOOL CABLE TOOL CONVENT	<ul> <li>BORING</li> <li>IDAMUND</li> <li>IDETING</li> <li>IDRIVING</li> </ul>	50		
NAME OF WELL (	ONTRACIOR	LICENCE NUMBER		S Charles Contract State	Hustovite a state of
B. Char	bonneau +Son	Drilling Ltd 1504 17		non l'uniferation Q	50483
R.R. 2	Box 194, ()	rleans, Ont. KlC 18	EUSE		
SIGNATUR OF C	011hc108	- 17 M. 06 IN 87	OFFICE		
					Frank Constant A 77 Frankers

Ministry of the Environme and Climete Change	Well Tag No. (Place Sticker)	and/or Print Below)	n 903 Ontario V	Vell Recc
Well Owner's Information         First Name       Last Name / Organia	$\frac{\eta 10100}{2ation}$	E-mail Address	, <u>+79699</u> as	je of
Mailing Address (Street Number/Name) 208 - 0 NnCs Koad ft Well Location Address of Well Location (Street Number/Name)	ark Way Ottaw Township	Province Postal Code 59 ON KIBI	Telephon	e No. (inc. area co
26     26     1     1     0     6       County/District/Municipality       UTM Coordinates     Zone     Easting     Northing       NAD     8     3     1     8     4     5     9     4     4     6     5     0	City/Town/Village	lot Number	Province Ontario Other	Postal Code
Overburden and Bedrock Materials/Abandonment General Colour Most Common Material BRN tap Sov	t Sealing Record (see instructions on th Other Materials	General Description	1	Depth (m/fi) From To
BRN clay 6RY clay	sand Silf	50 C		. 3] 1.1
Annular Space		Results of Wo	Il Yield Testing	1
Depth Set at ( <i>m</i> /ft) From To (Material and Type) O (,3) Congresse Mon .31 .91 bewtonite	ed Volume Placed (m³/t²) umen	After test of well yield, water was: Clear and sand free Other, specify If pumping discontinued, give reason:	Draw Down Time Water Lev (min) (m/ft) Static Level	Recovery rel Time Water Le (m/n) (m/it)
.9 4.1) Riller sond		Pump intake set at (m/it)	1	2
Method of Construction         Cable Tool       Diamond       Public         Rotary (Conventional)       Jetting       Domestic         Rotary (Reverse)       Driving       Livestock         Boring       Digging       Irrigation	Well Use       Commercial     Not used       Municipal     Dewatering       Test Hole     Monitoring       Cooling & Air Conditioning	Pumping rate (I/min / GPM) Duration of pumping hrs +min Final water level end of pumping (m/tt)	4 5 10	4 5 10
Other, specify     Other, specify     Construction Record - Casing     Inside Open Hole OR Material Walt De	Status of Well           apth (m/ft)         Water Supply	If flowing give rate (I/min / GPM) Recommended pump depth (m/fi)	15 20	15 20
Diameter (Gatvarized, Pibreglass, Concrete, Plastic, Steel)     Thickness (cm/in)     From       1_03     PVC     .369     0	To Peplacement Well To Ferrare Well Test Hole Fecharge Well Pewatering Well Observation and/or	Recommended pump rate ( <i>Vmin / GPM</i> )	25 30 40	25 30 40
Construction Record, Serror	Monitoring Hole Alteration (Construction) Abandoned, Insufficient Supply	Vell production (Umin / GPM) Disinfected? Yes No	50 60	50 60
Outside Diameter (cnvin)         Material (Plastic, Galvanized, Steel)         Slot No.         Dep From           1.82         PVL         10         1.0E	Image: pith (m/fl)   Image: Abandoned, Poor Water Quality     To   Image: Abandoned, other, specify     Image: Pither P	Please provide a map below following in	I <u>I Location</u> Istructions on the L	oack.
Water Details	Hole Diameter  Depth (m/fl) Diameter	hw	3	
(m/ft) Gas Other, specify /ater found at Depth Kind of Water: Fresh Unteste (m/ft) Gas Other, specify /ater found at Depth Kind of Water: Fresh Unteste (m/ft) Gas Other, specify	$ \begin{array}{c cccc} \hline  & From & To & (crrv/n) \\ \hline  & d & & 4, 1 & 11.43 \\ \hline  & & & & \\ \hline \hline \hline  & & & & $			
Well Contractor and Well Technici Isiness flame of Well Contractor F/Ata Disiness Addreas (Street Number/Name)	Information Well Contractor's Licence No.	Copposite:		
65 Shields Court ovince Postal Code Business E-mail Ap N L 3 R B Z W F C 6 0 < C IS. Telephone No. (inc. area code) Name of Well Technician	Haress SOST ratasson). Com (Last Name, First Name)	Well owner's Date Package Delivered	Minist Audit No. 🐄	ry Use Only
10 7 9 9 0 1 9 1 9 M 269, JAW 11 Technician's Licence No. Signature of Technietan and/or C 3 6 5 6 4 JGE (2014/11)	1/7 J Contractor Date Submitted 2/0/1/6/0/6/0/3	delivered         Y   Y   Y   M   M   D           Pas         Date Work Completed           No         J 0   J   6 0 6 0	B Received	JUN 1720



Ministry of the Environm	ent Well Tag No. (Place Sticker	724	Wall Decord
Measurements recorded in: Metric Imperi	A11-8724 Tag	#: Δ168724	tion 903 Ontario Water Resources Act
Well Owner's Information	ALGO IF IAY	#: A100124	<u>3-1868 Page of</u>
First Name / Organi BMR Gr	ization δν. D	E-mail Address	U Well Constructed by Well Owner
208 - 101 Innes Park W	lay Municipality	Province Postal C 2 ON KIB	ode Telephone No. (inc. area code)
Well Location Address of Well Location (Street Number/Name)	Township	Lot	Concession
3636 Innes Road County/District/Municipality	City/Town/Village		Province Postal Code
UTM Coordinates Zone Easting UN Northing	O Han A Municipal Plan and Sul	blot Number	Ontario
NAD 8 3 / 8 7 50 3 Overburden and Bedrock Materials/Abandonmen	t Sealing Record (see instructions on t	he back of this form)	
General Colour Most Common Material	Other Materials	General Descrip	tion Depth (m/fi) From To
BRN Clay	gravel	se H	- 31 1.22
GRY Clay	sv /A	soft	1.22 3.75
ST Shall		weathered	5. 35 4.5
		······································	
Annular Space Depth Set at (m/ft) Type of Sealant Us	ed Volume Placed	After test of well yield, water was:	Well Yield Testing
O, 3, month and type	rete (m?/!!)	Clear and sand free	Time (min)         Water Level (m/ti)         Time (m/ti)         Water Level (m/ti)           State         State         Image: State <td< td=""></td<>
.3/1.22 pertonité		If pumping discontinued, give reasc	n: Level
1. d d 4. s/ hiter sind		Pump intake set at (m/n)	2
Method of Construction	Well Use	Pumping rate (Vmin / GPM)	3 3
Cable Tool Diamond Public Rotary (Conventional) Jetting Domestic	Commercial Not used	Duration of pumping	5 5
Indiary (Reverse)     Driving     Livestock       Porting     Digging     Irrigation       Air percussion     Industrial	Cooling & Air Conditioning	Final water level end of pumping (m	<sup>(m)</sup> 10 10
Other, specify Other, spec	cilyStatus of Well	If flowing give rate ( <i>l/min / GPM</i> )	15 15
Inside Open Hole OR Material Wall Diameter (Galvanized, Fibreglass, Thickness From	Depth (m/ft)	Recommended pump depth (m//t)	20 20
4.63 PUL .369 O	Test Hole 3) □ Recharge Well	Recommended pump rate (//min / GPM)	30 30
	Dewatering Well	Well production (I/min / GPM)	40 40
	Alteration (Construction)	Disinfected?	<u>50</u> 50
Construction Record - Screen	Abandoned, Insufficient Supply	Map of	Well Location
Ourside         Material         Diameter         Diameter         Diameter         Convinition         Diameter         Diameter	epth ( <i>m/i</i> t) Water Quality n To Abandoned, other, specify	Please provide a map below followir	ng instructions on the back.
4.82 pvc 10 3.	<u>) 4.57</u> □ Other, specify		11.1
Water Details	Hole Diameter	ll See	
Water found at Depth Kind of Water: Fresh Untes (m/ft) Gas Other, specify	ited Depth (m/ft) Diameter From To (cm/in)	N	1W2
Water found at Depth Kind of Water: Fresh Untes (m/ti) Gas Other, specify	ited 0 , 31 11.43		
Water found at Depth Kind of Water: Fresh Untes (m/ft) Gas Other. specify	led		
Well Contractor and Well Techni Business Name of Well Contractor	cian Information		
Strida Drilling Group Business Address (Streel Number/Name)		Comments	
165 Shields Con A Province Postal Code Business E-mail	Address / Markhom		
ON L 3 R SV 2 Writ Lord Bus. Telephone No. (inc. area code)_ Name of Well Technicia	15 Ostrutasov . Lon	Well owner's Date Package Delive	Ministry Use Only
7 0 5 9 10 7 9 9 9 M Coy, J Nell Technician's Licence No. Signature of Technician and/or	Contractor Date Submitted	delivered Date Work Complete	
<u>5</u> 6 5 6 1	20160603	DN0 201606	0 3 JUN 1 / 2015
U	Ministry's Copy	ſ	S GUEERIA FIBIELIUL URBBD, 2014



Ministry of the Environment and Climate Change	lace Sticker and/or Print Below) Well Record
Measurements recorded in: $\square$ Metric $\square$ Imperial $A169779$	Tag #: A169//9 Valid Sos Ontario Water Resources Act
Well Owner's Information	
BMR Group	E-mail Address Well Constructed
Mailing Address (Street Number/Name) Municipality	Province Postal Code Telephone No. (inc. area code)
Well Location	TAWA ON KIBIES
Address of Well Location (Street Number/Name) Township	Lot Concession
County/District/Municipality City/Town/	/illage Province Postal Code
UTM Coordinates Zone , Easting , Northing Municipal F	2 G Ontario
NAD 8 3 / 84593245032602	Onler Onler
Overburden and Bedrock Materials/Abandonment Sealing Record (see ins General Colour Most Common Material Other Material	tructions on the back of this form)
I.RY GRANE	From To
BRN clay signed	solt 3/15
GRY CLAIN Sill	silt 15731
GRY shale "	weathered 3.) 457
Annular Space Depth Set at (m/ft) Type of Sealant Used Volum	e Placed After test of well yield, water was: Draw Down Recovery
From To (Material and Type) (n	13/R³) □ Clear and sand free Time Water Level Time Water Level (m/a) (m/a) (m/a)
0 N/ MAnumers/ Concrate	If pumping discontinued, give reason:
S 1. dd bendande	
1. dd 4.5/ hiller sand	Pump intake set at (m/ft) 2 2
Method of Construction Well Use	Not used
Rotary (Conventional)     Jetting     Domestic     Municipal	Duration of pumping
Bering Digging Infigation Cooling & Air Condition	oning Final water level end of pumping ( <i>m</i> /t) 10 10
Air percussion	
Construction Record - Casing Status	
Inside Open Hole OR Material Wall Depth (m/it) Water Diameter (Galvanized, Fibreglass, Thickness Emergination Provided Fibreglass, Thickness Emergination Provided Pr	Supply Recommended pump depth (m/t)
Concrete, Plastic, Steel) (cm/in) Promite To Trest Hi	ole Recommended pump rate
	aring Well (Umin / GPM)
Construction Const	ation and/or ing Hole Well production (//min / GPM)
Alterati	on Usinfected?
California Densed Service	ient Supply
Outside Material Depth (m/it) Abando	Dued, Poor Duality Please provide a map below following instructions on the back.
(cm/n) (Plastic, Galvanized, Steel) Sibi No. From To Abando specify	oned, other,
$\frac{4.87}{10} \frac{10}{15} \frac{1}{5} \frac{4.5}{10} \frac{1}{10}$	specify 5 IN aP
	Jer Mul
Water Details Hole Diame	ter Jogmater
( <i>m/t</i> ) Gas Other, specify From To	
Water found at Depth Kind of Water: Fresh Untested	11.45
( <i>mm</i> ) Gas Other, specify 3.1 4.5 J Water found at Depth Kind of Water: Fresh Untested	7.62
(m/ft) Gas Other, specify	
Well Contractor and Well Technician Information Business Name of Well Contractors Well Contractors	Licence No.
Struck Niching Group 72	Ч ()
Business Address (Street Number/Name) Municipality	Comments:
Province Postal Code Business E-mail Address	
UN LIKZV d Wrccs cls@87 (WaSOV) Bus Telephone No. (inc. area code) Name of Well Technician (Last Name First Name)	COM     Well owner's Date Package Delivered     Ministry Use Only     Audit No
9059407919, Milling JAMES	delivered Pate Work Completed
Vell Technician's Licence No. Signature of Technician anti/or Contractor Date Submitted	6 03 JUN 1 7 2016
)506E (2014/11) Ministr	y's Copy © Cuzu © Queen's Printer for Ontaria, 2014



J.	Ontaria	Ministry of	the Environment	Well Tag	g No. (Place Sticker a	nd/or Print Below)			W	ell F	lecord
Measu	rements recorded	and Climato	e Change ic Minperial		NA		Regulation	n 903 (	Dntario Wa	ter Res	ources Act
Well	Owner's Inform	nation	<b>I</b>				1		raye_		<u> </u>
First Na	RICHC	RA FT		Po	FGOMPF	E-mail Address	In.De	ഹ	(itia)	] Well ( <b>)</b> by We	Constructed ell Owner
Nailing DI	Address (Street N		NC 81	- 1	Aunicipality	Province	Postal Code	_0			area code)
Well L	Location	s tied	May Ou			<u>4 10231, ~</u>	~ Y (  N (L / T		لالكليك		
Addres	3672	(Street Number	r/Name) S Roa	D	ownship	NS	PILA	-	Concessior	2	, >
County	/District/Municipali	19AO	FYAN	C	City/Town/Village	hic		Provir	ice arin	Postal	Code
UTM C	oordinates Zone		Northing		Aunicipal Plan and Subl		5500	Other	00/	0	$r \perp 1$
Overb	urden and Bedro	CK Materials/	Abandonment Ser	aling Reco	rd (see instructions on the	back of this form)	<u></u>	<u> [(</u>	3000	<u>P</u>	<u> </u>
Gener	al Colour N	Most Common	Material		er Materials	Gene	ral Description			Dep From	th ( <i>m/ft</i> ) To
		o" d	stilled	WER	l Mere	lonper	NT _		(	<u> </u>	41
					······································	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
					· · · · · · · · · · · · · · · · · · ·						
×		ETA	2								
*	NOMO	EWW	<u>a.</u> 2.								
Dept	th Set at (m(77))	A Tvo	Annular Space		Volume Placed	After test of well vield	Results of We	II Yiel	d Testing	R	
From	n To	(Ma	aterial and Type)		(m <sup>3</sup> /ft <sup>3</sup> )	Clear and sand fr	ee	Time (min)	Water Level	Time (min)	Water Level
41		QUIC D D	KAKO		4095	If pumping discontinue	d, give reason:	Static Level		11	
4	0.	Doel	fill					1		1	¢
						Pump intake set at (n	1/ft)	2		2	
N	lethod of Const	ruction		Well Us	e	Pumping rate (I/min / (	GPM)	3		3	
Cabl	e Tool [ ry (Conventional)	Diamond	Public Domestic	Commer	cial Not used	Duration of pumping		4	/	4	
🗌 Rota	iry (Reverse) [ 1g [	Driving	Livestock	Cooling a	e Monitoring & Air Conditioning	Final water level end of	in pumping <i>(m/h</i> /	5		5	
Air p	ercussion r, <i>specify</i>		Industrial Other, specify _			If flowing on to to "//-		10		10	
	Const	ruction Recor	rd - Casing	(m. 10)	Status of Well			20		20	
Diame (cm/ir	ter (Galvanized, F Concrete, Plas	ibreglass, Thi tic, Steel) (c	vvali Deptri ckness cm/in) From	To	Water Supply	Recommended pump	depth (m/ft)	25	***	25	
		· · ·		/	Recharge Well	Recommended pump (Vmin / GPM)	rate	30		30	
					Dewatering Well     Observation and/or	Well production (I/min	/ GPM)	40		40	
					Alteration	Asinje ed?		50		50	
- Millingacore					Abandoned, Insufficient Supply	Ye No		60		60	
Outsic	le Materia	truction Recon	d - Screen Depth	(m/ft) ·	Abandoned, Poor Water Quality	Please provide a map I	Map of We below following i	nstructi	ation ons on the b	ack.	
(cm/ir	n) (Plastic, Galvani	ized, Strel)	From	To	Abandoned, other, specify			21	12		
	/		Neu	<u>) (27</u>	Cther, specify		<b>₩</b> <sup>2</sup>	50 Z	FOA	D	
		Vater Details		ц,			LNNE		A		
Water fo	ound at Depth Kin	d of Water:	Fresh Untested	Depth From	n ( <i>m/ft</i> ) Diameter To ( <i>cm/in</i> )			-9	, 1		
Water f	und at Depth Kin	Other, specify _ d of Water:	Fresh Untested			23a	~ 3KM		ſ	, 4	KM
Water fo	(m/ft) Gas	Other, <i>specify</i> _	Fresh Untested			No al	0.50				
	(m/ft) 🗌 Gas 🔲	Other, specify _				à			$\checkmark$		
Busines	Well Construction States State	Contractor an	d Well Techniciar	n <b>Informati</b> Well	on Contractor's Licence No.	1 Z			$\otimes$		
Busines	S Address (Street N	PKILLI	NGCO L			Comments:					
RÍ	2#(	<u> </u>	CHMON	0	······································						
	NCT V		susiness E-mail Addr Z-O	ess		Well owner's Date Pa	ckage Delivered		Minist	ry Use	Only
Bus.Tele	phone No. (inc. area	code) Name o	f Well Technician (L	ast Name, F	First Name)	information package	Y Longe Los		Audit No. Z	23	7198
Well Tech	nnician's Licence No.	Signature of Te	echnician and/or Cor	itractor Date			ork Completed	7	OCT	11	2016
0506E (20	014/11)	Ken	4 P		Ministry's Conv		16070	up I	Received © Queen's I	Printer for	Ontario, 2014
1.	N N										

Stell Owner & Hornaldon         Data Road         Development. Prof. Stell         Development.	Ministry of the Environment and Climate Change	Well Tag No. (Place Sticker and	nd/or Print Below)	Regulation	903 Ontario Wa	ell R ter Reso	ecord
The second procession of the second proce	Well Owner's Information				Faye	salata silan ya wa	
Linnis Read Development Project         Product         Product <th< td=""><td>First Name Last Name / Organizatio</td><td>'n</td><td>E-mail Address</td><td></td><td></td><td></td><td></td></th<>	First Name Last Name / Organizatio	'n	E-mail Address				
Manual State         Manual State         Present	Innis Road De	velopment Project				by We	ll Owner
Control         Control <t< td=""><td>Mailing Address (Street Number/Name)</td><td>Municipality</td><td>Province I</td><td>Postal Code</td><td>Telephone I</td><td>No. (inc. a</td><td>area code)</td></t<>	Mailing Address (Street Number/Name)	Municipality	Province I	Postal Code	Telephone I	No. (inc. a	area code)
Address of Work Licking (Steak Nutriking)     Conversion     Conversion     Conversion       Address of Work Licking (Steak Nutriking)     Conversion     Conversion     Conversion       Conversion     Conversion     Conversion     Conversi	Well Location	inks Dr. Greely		<u> (47 194</u>	013 850	1 740	8
3490 Empire       Cloneseter       Provide Unitaria         Onterventing       Orleans       Orleans       Orleans         Monte State Control       Orleans       Orleans       Orleans         Owner State Control       Orleans       Orleans       Orleans         Owner State Control       Orleans       Orleans       Orleans         Owner State Control       Monte State Control       Orleans       Orleans         Owner State Control       Monte State Control       State Control       State Control         Owner State Control       Monte State       Orleans       Orleans         Owner State Control       Monte Control       State Control       State Control         Owner State Control       Monte Control       Monte Control       State Control       State Control         Owner State Control       Monte Control       Monte Control       State Control       State Control       State Control         Owner State Control       Owner State Control       Owner State Control       State Control       State Control       State Control         Owner State Control       Owner State Control       Owner State Control       State Control       State Control       State Control       State Control         Owner State Control       Owner State Control </td <td>Address of Well Location (Street Number/Name)</td> <td>Township</td> <td>L</td> <td>_ot</td> <td>Concession</td> <td><u>)) 1</u></td> <td></td>	Address of Well Location (Street Number/Name)	Township	L	_ot	Concession	<u>)) 1</u>	
Care Construction         Construction         Construction         Parallel Cost           No Linear         Care Construction         Mode Number         Construction         Parallel Cost           No Linear         Care Construction         Mode Number         Care Construction         Parallel Cost         Parallel Cost           No Construction         Mode Construction         Mode Construction         Parallel Cost         Parallel Cost         Parallel Cost           Care Construction         Mode Construction         Mode Construction         Parallel Cost         Parallel Cost         Parallel Cost           Care Construction         Mode Construction         Mode Construction         Parallel Cost         Pa	3490 Innis Road	Gloucester			<u></u> !	1_	-
Unit Discretized Law 2     Determined Link     Market Billing Records and Sealing Records are rear and a failed billing Records are rear and a failed	Ottawa Carleton				Province Ontario	Postal	
Number Start         Start Start	UTM Coordinates Zone Easting Northing	Municipal Plan and Sublot	Number		Other		
Outstanding and a stratic of main and a stratic family from the stratic family formation and a strati	NAD 8 3 1 8 4 5 9 1 0 1 5 0 3 2	474					
Construction         Page         Th           Construction         Annualse Spinis         Construction         Page	General Colour Most Common Material	aling Record (see instructions on the Other Materials	back of this form)	Description		Dept	h ( <i>m/ft</i> )
Annuer Stade         Annuer Stade           Jone 34 (ord)         Annuer Stade           Jone 34 (ord)         Jone 35 (ord)           Jone 35 (ord)         Jone 35 (ord)           J						From	To
Annula: Spece           2010. Bits of ref.           2011. Bits of ref.	······						
Annula: Space         Annula: Space           2011         Construction         Wolking Pload           2011         Construction         Wolking Pload           2011         Construction         Wolking Pload           2011         Construction         Pload           2011         Pload         Pload           2011         Construction Record         Pload           2011         Pload         Pload         Pload           2011							
Depr: Stati (mit)         Type al Status ( listed /mitibal ed Diper         Volume Faced /mitibal ed Diper         Notation for the faced /mitibal ed Diper           27.12         O         Crouted 3/8 Bentonice Hole Diper         Volume Faced /mitibal ed Diper         Notation for the faced /mitibal ed Diper         Notation for the faced /mitibal ed Diper           Method of Construction							
Answer book           Prom Park (control of the line							
Annuter Sine:         Annuter							
Annual Association         Annual Association           Conclusion (not intermediated party data)         Annual Association         Annual Association           Conclusion (not intermediated party data)         Cale and and the second party data (not intermediated party data)         Development (not intermediated party data)         Development (not intermediated party data)           Data field         Development (not intermediated party data)           Data field         Development (not intermediated party data)         Development (not intermediated party data) <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Annu's Space         Results of WetrVield Testing           27.12         0         Grouted 3/8 Dentonite Hole Plug         Allertes of well Add webs was         Image Name Down         The Down							
Annular Stack         Prof.       Annular Stack         27.12       O Grouted 3/8 Bentonite Hole Plug         Construction       Construction         Construct			·				
Annular Spece         Annular Spece           Control         Oran (and spece)         Control         Results of Water Water Control         Devolts of adaption (and spece)           27.12         O         Grouted 3/6 Bentonite Hole Plug         Control         Devolts of adaption (and spece)           27.12         O         Grouted 3/6 Bentonite Hole Plug         Devolts of adaption (and spece)         Devolts of adaption (and spece)           27.12         O         Grouted 3/6 Bentonite Hole Plug         Devolts of adaption (and spece)         Devolts of adaption (and spece)           27.12         O         Grouted 3/6 Bentonite Hole Plug         Devolts of adaption (and spece)         Devolts of adaption (and spece)           27.12         O         Grouted 3/6 Bentonite Hole Plug         Devolts of adaption (and spece)         Devolts of adaption (and spece)         Devolts of adaption (and spece)           27.12         O         Grouted 3/6 Bentonite Hole Plug         Devolts of adaption (and spece)         Devolts of adaption (and spece)           27.12         O         Grouted 3/6 Bentonite Hole Plug         Devolts of adaption (and spece)         Devolts of adaption (and spece)           27.12         O         Grouted 3/6 Bentonite Hole Plug         Devolts of adaption (and spece)         Devolts of adaption (and spece)           27.11         Devolte Adaption (and spece) </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Performe and appy       (1) bit to Second (1) bits of (1) bits	Annular Space		Re	sults of We	Il Yield Testing		
27.12       0       Grouted 3/S Bentonite Hole Plug       Construction       <	From To (Material and Type)	Volume Placed (m³/ft³)	After test of well yield, wai	ter was:	Time Water Level	Time V	Covery Vater Level
Image: construction in the construction flags of the	27.12 0 Grouted 3/8 Bentonite	e Hole Plug	Other, specify		(min) (m/ft)	(min)	(m/ft)
Image: Section of the sectio	(24	4 bags)	If pumping discontinued, g	give reason:	Level		
Method of Construction       Well Use         Code Tool       Duration         Code Tool       Durat					1	1	
Method of Construction       Well Use         Cable to:       Denoted         Cable to:       Denoted         Denote (construction)       Daries (construction)         Denote (construction)       Daries (construction)         Denote (construction)       Denote (construction)         Denote (construction)       Well construction)         Denote (construction)       Denote (construction)         Denote (construction)       Well construction)         Denote (construction)       Well construction) </td <td>······································</td> <td></td> <td>Pump intake set at (m/ft)</td> <td></td> <td>2</td> <td>2</td> <td></td>	······································		Pump intake set at (m/ft)		2	2	
Weilings       Or Construction       Potsic       Commercial       Not used         Catle Tool       Demend       Potsic       Commercial       Not used         Catle Tool       Demend       Potsic       Commercial       Not used         Catle Tool       Demend       Devisiting       Interface       Not used         Construction and/       Distribution       Construction Resord - Sandow       Interface         Of the space/       Construction Resord - Sandow       Paration       Interface         Order (or the space/       Main chail       Depth (mft)       Excernance/ will         Demender (Construction Resord - Sandow       Prem       To       Excernance/ will         Construction Resord - Sandow       Prem       To       Excernance/ will construction         Construction Resord - Sandow       Prem       To       Prem       Prem         Wein Conston       Store Nonton weinstruction Re			Pumping rate (//min / GPM		3	3	
Brance (Conventional)       Justices       Domastere         Brance (Revero)       Device (Severo)       Device (Severo)         Brance (Revero)       Device (Severo)       Device (Severo)         Construction Record - Casing       Status of Well         Construction Record - Casing       Status of Well         Construction Record - Casing       Status of Well         Construction Record - Casing       Well         Construction Record - Casing       Well         Construction Record - Streen       Device (Severo)         Construction Record - Streen       Construction Record - Streen         (m/n)<	Cable Tool				4	4	
□ Construction       □ Co	Rotary (Conventional)      Jetting     Domestic	Municipal Dewatering	Duration of pumping		5	5	
□ Are procession       □ndustrial       □ndustrial         □ Ofmer, seechy       □ Ofmer, seechy       15       15         □ Industrial       □ Ofmer, seechy       15       15         □ Industrial       □ Ofmer, seechy       15       15         □ Industrial       □ Ofmer, seechy       0       20       20         □ Industrial       □ Ofmer, seechy       □ Ofmer, seechy       15       15         □ Industrial       □ Ofmer, seechy       □ Ofmer, seechy       20       20         □ Industrial       □ Ofmer, seechy       □ Ofmer, seechy       25       25         □ Ofmer, seechy       □ Ofmer, seechy       0       40       40         □ Ofmer, seechy       □ Ofmer, seechy       0       40       40         □ Ofmer, seechy       □ Ofmer, seechy       0       0       60       60         □ Ofmer, seechy       □ Offer, seechy       □ Offer, seechy       0       0       0       0         □ Offer, seechy       □ Offer, seechy       □ Offer, seechy       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0       0<	Boring Digging Livestock	Test Hole Monitoring Coolina & Air Conditionina	Final water level end of pu	mping (m/fit)			
Units specify	Air percussion		· · · · · · · · · · · · · · · · · · ·		UT	10	
Index       Open role CM Material		Cientin and Miall	If flowing give rate (I/min / (	GPM)	15	15	
Dameter (cm/n)       Celevenized, Fibroglass. (cm/n)       Thirdress (cm/n)       From       To       Technige Weil Deviating Weil Deviating Weil Deviating Weil Deviating Weil Construction       25       25         Deviating Weil Construction       Deviating Weil Construction       Deviating Weil Construction       40       40       40         Deviating Weil Construction       Deviating Weil Construction       Deviating Weil Construction       50       50         Outdet Construction       Depth (m/n)       Apartodian Construction       Depth (m/n)       Apartodian Construction       50       60       60         Dameter (cm/n)       Prom       To       Depth (m/n)       Depth (m/n)       To       To       Please provide a map below following instructions on the back.         Water found at Depth       Kind of Weter.       Fresh       Untested       Depth (m/n)       Deph (m/n)       Deph (m/n)	Inside Open Hole OR Material Wall Depth	( <i>m/ft</i> ) Water Supply	Recommended pump dep	oth (m/ft)	20	20	
Image: Sector of the sector	Diameter         (Galvanized, Fibreglass, (cm/in)         Thickness           (cm/in)         Concrete, Plastic, Steel)         (cm/in)         From	To Replacement Well			25	25	
Observations       Observations       Well production (Imin/GPM)       40       40       40         Outside       Construction Record - Screen       Outside       Boardoned       Boar			Recommended pump rate (I/min / GPM)		30	30	
Weil production (imm/ GPM)     S0     50       Outside Immeter (mr/f)     Construction Record - Screen Imandiant Supply     Abandoned Poor Water Quality     Map of Weil Location       Outside (mr/f)     Statution     Depth (mr/f)     Abandoned, other, specify     No     60     60       Outside (mr/f)     Statution     Depth (mr/f)     Abandoned, other, specify     No     No     1     23490       Water found at Depth     Kind of Water:     From     To     Construction     Image of Weil Contractor       Water found at Depth     Kind of Water:     From     To     Contractor     Image of Weil Contractor       Water found at Depth     Kind of Water:     From     To     Contractor     Image of Weil Contractor       Water found at Depth     Kind of Water:     From     To     Contractor     Image of Weil Contractor       Sons 490     Business E-mail Address     Municupality     Stittsville     Date Package Delivered Ministry Use Only       Sons 490     Business E-mail Address     Signature of Technican Internation     Image of Weil Contractor     Ministry Use Only       National Signature of Technican Internation Signature of Technican Internation Signature of Technican Istat Name, First Name)     Date Work Completed Image of Package Delivered     Ministry Use Only       Sont 490     Signature of Technican Istat Name, First Name) <td></td> <td>Dewatering Well     Observation and/or</td> <td>1.1.1.1.</td> <td></td> <td>40</td> <td>40</td> <td></td>		Dewatering Well     Observation and/or	1.1.1.1.		40	40	
Outside Diameter (contrinuition)       Construction Record - Screen (contrinuition)       Deptin (m/t) (Construction)       Deptin (m/t) (Plastic, Galvanized, Steel)       Sol No.       Deptin (m/t) (Mater Quelty)       Map of Well Location         Outside Diameter (contrinuition)       Plastic, Galvanized, Steel)       Sol No.       Deptin (m/t) From       To       Map of Well Location         Outside Diameter (contrinuition)       Plastic, Galvanized, Steel)       Sol No.       From       To       Mater Quelty         Vater found at Depth       Kind of Water:       Fresh       Untested       Depth (m/t)       Diameter From       To       If 3490       If 3490         Vater found at Depth       Kind of Water:       Fresh       Untested       Depth (m/t)       Diameter From       If 3490       If 3490       If 3490         Vater found at Depth       Kind of Water:       Fresh       Untested       If 3490		Monitoring Hole	vveil production (Vmin / GP	M)	50	50	·
Area of and and a supply in the instruction Record - Screen       Instr		(Construction)	Disinfected?		60	60	
Outside Diarder       Material (m/n)       Material (m/n)       Map or Well Iccation         Outside Diarder       Plastic, Galvanized, Steel)       Stot No.       Depth (m/n)       Material       Plastic       Plastic, Galvanized, Steel)       Plastic       Plastic <t< td=""><td></td><td>L Abandoned, Insufficient Supply</td><td></td><td></td><td>00</td><td></td><td></td></t<>		L Abandoned, Insufficient Supply			00		
Diameter (cm/m)       (Plastic, Galvanized, Steel)       Slot No.       From       To       Abandoned, other, specify         Image: Contractor Contractor Subsection       Other, specify       Image: Contractor Subsection         Water found at Depth       Kind of Water:       Fresh       Untested       Image: Contractor Subsection       Image: Contractor S	Outside Material Depth	( <i>m/ft</i> ) Abandoned, Poor ( <i>m/ft</i> )	Please provide a map be	low following	i Location	e back.	
Water Details       Hole Diameter         Water found at Depth       Kind of Water:       Fresh       Untested       Depth (m/tr)       Diameter         (m/tr)       Gas       Other, specify       Depth (m/tr)       Diameter       Image: Common State       Image: Common State <td>(cm/in) (Plastic, Galvanized, Steel) Slot No. From</td> <td>To Abandoned, other,</td> <td></td> <td>-</td> <td></td> <td></td> <td>A</td>	(cm/in) (Plastic, Galvanized, Steel) Slot No. From	To Abandoned, other,		-			A
Water Details       Hole Diameter         Water found at Depth       Kind of Water:       Fresh       Untested         (m/ft)       Gas       Other, specify       Depth (m/ft)       I       3490         Vater found at Depth       Kind of Water:       Fresh       Untested       I       3490         (m/ft)       Gas       Other, specify       I       I       3490         Vater found at Depth       Kind of Water:       Fresh       Untested       I       I         (m/ft)       Gas       Other, specify       I       I       I       I         water found at Depth       Kind of Water:       Fresh       Untested       I       I       I         (m/ft)       Gas       Other, specify       I </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
Water Details       Hole Diameter         Vater found at Depth       Kind of Water:       Fresh       Untested         (m/ft)       Gas       Other, specify		Other, specify	an a	Znin	15 KA.		
Vater found at Depth       Kind of Water:       Fresh       Untested       Depth       (m/ft)       Gas       Other, specify       Image: Common Stress	Water Details	Hole Diameter		1		and a family by president of the data	(
(m/ft)       Gas       Other, specify       From       To       (cm/ft)         Vater found at Depth       Kind of Water:       Fresh       Untested       Image: State	Vater found at Depth Kind of Water: Fresh Untested	Depth ( <i>m/ft</i> ) Diameter			#3490		ł
value Hound at Depth       Kind of Water:       Presh       Untested         (m/ft)       Gas       Other, specify       Image: Specify         Well Contractor and Well Technician Information       Well Contractor's Licence No.         Usiness Name of Well Contractor       Well Contractor's Licence No.         Capital Water Supply Ltd.       1       5       5         Sox 490       Stittsville       Comments:         rovince       Postal Code       Business E-mail Address         Ontario       K       Z       Signature of Technician (Last Name, First Name)         5       1       3       6       1       7       6       Miller, Stephen / Tom Kluke         Immediate Licence No.       Signature of Technician and/or Contractor Date Submitted       2       0       1       8       6       5       1       8       6       1       7       6       Miller, Stephen / Tom Kluke       Date Work Completed       AUG 2       7       20       1       8       6       5       1       8       6       5       1       8       6       5       1       8       6       1       8       6       1       8       6       1       8       6       1       8       6 <td>(<i>m/ft</i>) Gas Other, specify</td> <td>From To (cm/in)</td> <td>8</td> <td>rensility</td> <td></td> <td></td> <td>I</td>	( <i>m/ft</i> ) Gas Other, specify	From To (cm/in)	8	rensility			I
Vater found at Depth       Kind of Water:       Fresh       Untested         (m/ft)       Gas       Other, specify       Image: Specify       Image: Specify         Well Contractor and Well Technician Information       Well Contractor's Licence No.       Image: Specify       Image: Specify         Well Contractor       Well Contractor's Licence No.       Image: Specify       Image: Specify       Image: Specify         Well Contractor       Well Contractor's Licence No.       Image: Specify       Image: Specify       Image: Specify         Sox 490       Stittsville       Stittsville       Comments:       Image: Specify       Image: Specify         Noncephane No. (inc. area code)       Name of Well Technician (Last Name, First Name)       Specify       Image: Specify       Image: Specify         Specify       Image: Specify       Image: Specify       Image: Specify       Image: Specify       Image: Specify         Sot 490       Stittsville       Stittsville       Specify       Image: Specify       Image: Specify       Image: Specify         Sot 490       Stittsville       Stittsville       Specify       Image: Specify	( <i>m/ft</i> ) □Gas □Other. specify		(1)	1			Manuel
(m/ft) Gas       Other, specify         Well Contractor and Well Technician Information         rusiness Name of Well Contractor       Well Contractor's Licence No.         Capital Water Supply Ltd.       1       5       8         usiness Address (Street Number/Name)       Municipality       Comments:         Sox 490       Stittsville         rovince       Postal Code       Business E-mail Address         Ontario       K /2 /S /1 /A /6       office@capitalwater.ca         us. Telephone No. (inc. area code)       Name of Well Technician (Last Name, First Name)         5/1 /3 /8 /3 /6 /1 /7 /6 /6       Miller, Stephen / Tom Kluke         (ell Technician's Licence No.       Signature of Technician and/or Contractor Date Submitted         0 / 0 / 9 /7 / 3380       2/0/1/8/0/5/22/22         Ministry's Copy       Ministry's Copy	Vater found at Depth Kind of Water: Fresh Untested		2	and the			Cardino.
Well Contractor and Well Technician Information         usiness Name of Well Contractor       Well Contractor's Licence No.         Capital Water Supply Ltd.       1       5       5       8         usiness Address (Street Number/Name)       Municipality       Comments:       1       1         Sox 490       Stittsville       Comments:       1       1       1       1         rovince       Postal Code       Business E-mail Address       Stittsville       Comments:       1       1         ontario       K [2] S [1] A [6]       office@capitalwater.ca       Well owner's       Date Package Delivered       Ministry Use Only         us. Telephone No. (inc. area code)       Name of Well Technician (Last Name, First Name)       5       1       3       6       1       7       6       Ministry Use Only         fell Technician's Licence No.       Signature of Technician, and/or Contractor Date Submitted       1       Yes       1       AUG 2       7       2018         O   O   9 7 / 3380       Mume       2       1       8       1       8       5       1       8       9       1       8       9       1       8       9       1       8       9       1       8       9       1       8	( <i>m/ft</i> ) Gas Other, specify		۲	Hillionne	Ø		ł
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(https://www.ontario.ca/page/government-ontario)

# Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue (https://data.ontario.ca/dataset/well-records).

Go Back to Map

# Well ID

Well ID Number: 7341999Well Audit Number: *Z311292*Well Tag Number:*This table contains information from the original well record and any subsequent updates.* 

#### Well Location

Address of Well Location	3604 INNEG RD
Township	GLOUCESTER TOWNSHIP
Lot	004

Concession	OF 03
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 459418.00 Northing: 5032611.00
Municipal Plan and Sublot Number	
Other	

#### **Overburden and Bedrock Materials Interval**

General Colour	Most Common Material	Other Material s	General Descriptio n	Dep th Fro m	Dep th To

### Annular Space/Abandonment Sealing Record

Depth	Depth	Type of Sealant Used	Volume
From	To	(Material and Type)	Placed

#### Method of Construction & Well Use

Method of Construction	Well Use
Other Method	
HAND	Monitoring and Test Hole

### Status of Well

Abandoned-Other

#### **Construction Record - Casing**

Inside Diameter	Open Hole or material	Depth From	Depth To

# **Construction Record - Screen**

Outside Diameter	Material	Depth From	Depth To

### Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7421

### **Results of Well Yield Testing**

After test of well yield, water was	
If pumping discontinued, give reason	
Pump intake set at	
Pumping Rate	
Duration of Pumping	
Final water level	
If flowing give rate	
Recommended pump depth	

Recommended pump rate	
Well Production	
Disinfected?	

#### Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	
15		15	
20		20	

25	25	
30	30	
40	40	
45	45	
50	50	
60	60	

#### Water Details

Water Found at Depth	Kind
	-

#### **Hole Diameter**

Depth From	Depth To	Diameter

Audit Number: Z311292

Date Well Completed: June 21, 2019

Date Well Record Received by MOE: July 23, 2019

#### Related

How to use a Ministry of the Environment map (https://www.ontario.ca/page/how-use-ministryenvironment-map#wells)

Technical documentation: Metadata record (https://data.ontario.ca/dataset/wellrecords/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77)

> Updated: January 10, 2024 Published: March 20, 2014



(https://www.ontario.ca/page/government-ontario)

# Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue (https://data.ontario.ca/dataset/well-records).

Go Back to Map

# Well ID

Well ID Number: 7343048
Well Audit Number: *Z315217*Well Tag Number: *A272506 This table contains information from the original well record and any subsequent updates.*

#### **Well Location**

Address of Well Location	3636 Innes Rd
Township	GLOUCESTER TOWNSHIP
Lot	

Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Orleans
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 459384.00 Northing: 5032540.00
Municipal Plan and Sublot Number	
Other	

#### **Overburden and Bedrock Materials Interval**

General Colour	Most Common Material	Other Material s	General Descriptio n	Dep th Fro m	Dept h To
BRWN	SAND	CLAY	SOFT	0 ft	9.33 3 ft
GREY	LMSN		SOFT	9.33	11.8

#### Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	5.833 ft	BENTONITE	
5.833 ft	11.833 ft	SAND` SILICA	

#### Method of Construction & Well Use

Method of Construction	Well Use
Diamond	
	Monitoring

### **Status of Well**

**Observation Wells** 

#### **Construction Record - Casing**

lnside	Open Hole or material	Depth	Depth
Diameter		From	To

2.04 Inch	PLASTIC	0 ft	6.833 ft

#### **Construction Record - Screen**

Outside Diameter	Material	Depth From	Depth To
2.375 inch	PLASTIC	6.833 ft	11.833 ft

### Well Contractor and Well Technician Information

Well Contractor's Licence Number: 6964

### **Results of Well Yield Testing**

After test of well yield, water was	
If pumping discontinued, give reason	
Pump intake set at	
Pumping Rate	
Duration of Pumping	

Final water level	
If flowing give rate	
Recommended pump depth	
Recommended pump rate	
Well Production	
Disinfected?	

#### Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	

10	10	
15	15	
20	20	
25	25	
30	30	
40	40	
45	45	
50	50	
60	60	

#### Water Details

١	Water Found at Depth	Kind

#### **Hole Diameter**

Depth From	Depth To	Diameter
0 ft	9.333 ft	8 Inch
9.333 ft	11.833 ft	3.7 Inch

#### Audit Number: Z315217

#### Date Well Completed: August 28, 2019

#### Date Well Record Received by MOE: September 18, 2019

#### Related

How to use a Ministry of the Environment map (https://www.ontario.ca/page/how-use-ministryenvironment-map#wells)

Technical documentation: Metadata record (https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77)

Updated: January 10, 2024 Published: March 20, 2014

Contario Measurements recorded	Ministry of the Environment, Conservation and Parks in: Metric Imperial	Well Tag No. (Place Sticker a	nd/or Print Below) Regulatio	Well Record n 903 Ontario Water Resources Act Page of
Well Owner's Inform First Name Mailing Address (Street No	ation (hast Name / Organization umber/Name)	All COTP.	E-mail Address	Well Constructed by Well Owner
Well Location Address of Well Location (	ide ATELOEP Street Number/Name) E De P. Cod	D.Box 100 HaxVill	ostor PH	110(01.802 +21100 4 <sup>Concession</sup> 3
County/District/Municipalit	a - Carletor	City/Town <sup>2/311acc</sup> Municipal/Hanyand Subl	- OHawi ot Number 4 R	Province Postal Code Ontario KII CITI
Overburden and Bedro General Colour	ck Materials/Abandonment Se Most Common Material	aling Record (see instructions on the Other Materials	ne back of this form) General Descriptio	on Depth ( <i>m/ft</i> ) From To
	Fill old Will 1 cut	Well from to Biontonite Caring 2m	pottom to top ground inground	
$\begin{array}{c c} \hline \\ \hline $	Annular Space Type of Sealant Used (Material and Type) Benton	Volume Placed (m <sup>3</sup> /ft <sup>3</sup> )	Results of N         After test of well yield, water was:         Clear and sand free         Other, specify         If numping discontinued, give reason	Draw Down         Recovery           Time         Water Level         Time           (m/ft)         (m/ft)         (m/ft)           Static         Image: Content of the state
	groù	2 1.1m <sup>3</sup>	Pump intake set at ( <i>m/ft</i> )	Level         1         1           1         1         2         2
Method of Const Cable Tool Rotary (Conventional) Rotary (Reverse Boring Air percursion	ruction Public Diamond Public Jetting Domestic Driving Livestock Digging Irrigation Industrial	Well Use Commercial Not used Municipal Dewatering Test Hole Monitoring Cooling & Air Conditioning	Pumping rate (//min / GPM) Duration of pumpinghrs +min Final water level end of pumping (n	3         3           4         4           5         5           70         10
Inside Const Diameter (cm/in)	Utility         Other, speciny           truction Record - Casing         R           R Material         Wall         Dep           "ibreglass, stic, Steel)         Thickness (cm/in)         From	th ( <i>m/ft</i> )	If flowing give rate (1/min / 64M) Recommended pump depth (m/ft) Recommended pump rate	15     15       20     20       25     25
15.48 Ste 15.32 Open	d .48 2	6.1 C Recharge Well Dewatering Well 24.34 Observation and/or Monitoring Hole Alteration	( <i>l/min / GPM</i> ) Well production ( <i>l/min / GPM</i> ) Disinfected2	30         30           40         40           50         50
Cons Outside Diameter (Pleatic Coher	truction Record - Screen	(Construction) Abandoned, Insufficient Supply Abandoned, Poor Water Quality Abandoned, other.	Ves No Map of Please provide a map below follo	60 60 Wet Logeryton with Instructions on the back.
(cm/in) (Frasic, Gaiva	From	10     specify       10     10       10<	2 nice	
Water found at Depth Ki (m/ft) Gas Water found at Depth Vi	Water Details nd of Water: Fresh Unteste other, <i>specify</i> nd of Water: Fresh Unteste	Hole Diameter       d     Depth (m/ft)     Diameter       From     To     (cm/in)       d     0     24,34     15,3	2	Uter
(m/ti) Gas ( Water found at Oepth Ki (m/ft) Gas ( Well	Gher, specify     defined of Water: Fresh Unteste     Other, specify     Contractor and Well Technici	an Information		
Business Name of Well C Business Adoless (Street Province	Number/Name) Number/Name) Number/Name) MC 10-11 Blueinass E-mail A	to Licence N Municipality CTYLON	Comments:	
Bus. Telephone No. (inc. an USA 1991 ST 15 Well Teshpician's Licence N	PALL ROUTE PUBLICES E-ITALIAN PALL ROUTE POINT RESERVATION OF THE PUBLICES E-ITALIAN PALL ROUTE OF Well Technician PALL ROUTE OF Technician and/or C	(Last Name, First Name) (Last Name, First Name)	Well owner's Date Package Delivinformation package delivered Date Work Complet	ered Ministry Use Only Audit No. <b>Z</b> 321107 NOV 1 5 201
0506E (2018/12)	/us	Ministry's Cop	<u>                                     </u>	C Received     C Queen's Printer for Ontario, 2011



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# Map: Well records

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Go Back to Map

# Well ID

Well ID Number: 7379279
Well Audit Number: *Z343185*Well Tag Number: *A296082*This table contains information from the original well record and any subsequent updates.

#### **Well Location**

Address of Well Location	3610 Innes rd
Township	GLOUCESTER TOWNSHIP
Lot	004

Concession	OF 03
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 459379.00 Northing: 5032381.00
Municipal Plan and Sublot Number	
Other	

#### **Overburden and Bedrock Materials Interval**

General Colour	Most Common Material	Other Material s	General Descriptio n	Dep th Fro m	Dep th To
GREY	GRVL		LOOS	0 ft	1 ft
BRWN	LOAM		SOFT	1 ft	3 ft

GREY	CLAY	SILT	SOFT	3 ft	9.5 ft
GREY	LMSN			9.5 ft	29. 5 ft

### Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 ft	18.5 ft	BENTONITE	
18.5 ft	29.5 ft	SAND FILTER	

#### Method of Construction & Well Use

Method of Construction	Well Use
Diamond	
	Monitoring and Test Hole

### **Status of Well**

**Observation Wells** 

### **Construction Record - Casing**

Inside Diameter	Open Hole or material	Depth From	Depth To
2.025 Inch	PLASTIC	0 ft	19.5 ft

#### **Construction Record - Screen**

Outside Diameter	Material	Depth From	Depth To
2.375 Inch	PLASTIC	19.5 ft	29.5 ft

### Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

### **Results of Well Yield Testing**

After test of well yield, water was	
If pumping discontinued, give reason	
Pump intake set at	

Pumping Rate	
Duration of Pumping	
Final water level	
If flowing give rate	
Recommended pump depth	
Recommended pump rate	
Well Production	
Disinfected?	

#### Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	

4	4	
5	5	
10	10	
15	15	
20	20	
25	25	
30	30	
40	40	
45	45	
50	50	
60	60	

#### Water Details

Water Found at Depth	Kind
l	
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l	
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#### **Hole Diameter**

Depth From	Depth To	Diameter
0 ft	9.5 ft	3.5 Inch
9.5 ft	29.5 ft	2.97 Inch

#### Audit Number: Z343185

Date Well Completed: November 23, 2020

Date Well Record Received by MOE: January 27, 2021

#### Related

How to use a Ministry of the Environment map (https://www.ontario.ca/page/how-use-ministryenvironment-map#wells)

Technical documentation: Metadata record (https://data.ontario.ca/dataset/wellrecords/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77)

> Updated: January 10, 2024 Published: March 20, 2014



(https://www.ontario.ca/page/government-ontario)

# Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue (https://data.ontario.ca/dataset/well-records).

Go Back to Map

# Well ID

Well ID Number: 7392899Well Audit Number: *Z361191*Well Tag Number:*This table contains information from the original well record and any subsequent updates.* 

# **Well Location**

Address of Well Location	3610 Innes Road
Township	GLOUCESTER TOWNSHIP
Lot	

Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 459442.00 Northing: 5032562.00
Municipal Plan and Sublot Number	
Other	

### **Overburden and Bedrock Materials Interval**

General Colour	Most Common Material	Other Material s	General Descriptio n	Dep th Fro m	Dep th To

# Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	SAND	
.31 m	3.66 m	BENTONITE GROUT	

# Method of Construction & Well Use

Method of Construction	Well Use
	Monitoring and Test Hole

# Status of Well

Abandoned-Other

## **Construction Record - Casing**

Inside	Open Hole or material	Depth	Depth
Diameter		From	To
4.82 cm	PLASTIC	0 m	.91 m

### **Construction Record - Screen**

Outside Diameter	Material	Depth From	Depth To
4.03 cm	PLASTIC	.91 m	3.66 m

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

# **Results of Well Yield Testing**

After test of well yield, water was	
If pumping discontinued, give reason	
Pump intake set at	
Pumping Rate	
Duration of Pumping	
Final water level	

If flowing give rate	
Recommended pump depth	
Recommended pump rate	
Well Production	
Disinfected?	

#### Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	

15	15	
20	20	
25	25	
30	30	
40	40	
45	45	
50	50	
60	60	

#### Water Details

Water Found at Depth	Kind

#### Hole Diameter

Depth From	Depth To	Diameter

#### Audit Number: Z361191

#### Date Well Completed: June 25, 2021

#### Date Well Record Received by MOE: July 26, 2021

#### Related

How to use a Ministry of the Environment map (https://www.ontario.ca/page/how-use-ministryenvironment-map#wells)

Technical documentation: Metadata record (https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77)

Updated: January 10, 2024 Published: March 20, 2014



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# Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue (https://data.ontario.ca/dataset/well-records).

Go Back to Map

# Well ID

Well ID Number: 7392900Well Audit Number: *Z361190*Well Tag Number:*This table contains information from the original well record and any subsequent updates.* 

### Well Location

Address of Well Location	3610 Innes Road
Township	GLOUCESTER TOWNSHIP
Lot	

Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 459423.00 Northing: 5032629.00
Municipal Plan and Sublot Number	
Other	

### **Overburden and Bedrock Materials Interval**

General Colour	Most Common Material	Other Material s	General Descriptio n	Dep th Fro m	Dep th To

# Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	SAND	
.31 m	5.18 m	BENTONITE GROUT	

# Method of Construction & Well Use

Method of Construction	Well Use
	Monitoring and Test Hole

# Status of Well

Abandoned-Other

## **Construction Record - Casing**

Inside	Open Hole or material	Depth	Depth
Diameter		From	To
3.45 cm	PLASTIC	0 m	2.13 m

### **Construction Record - Screen**

Outside Diameter	Material	Depth From	Depth To
4.21 cm	PLASTIC	2.13 m	5.18 m

## Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

# **Results of Well Yield Testing**

After test of well yield, water was	
If pumping discontinued, give reason	
Pump intake set at	
Pumping Rate	
Duration of Pumping	
Final water level	

If flowing give rate	
Recommended pump depth	
Recommended pump rate	
Well Production	
Disinfected?	

#### Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	

15	15	
20	20	
25	25	
30	30	
40	40	
45	45	
50	50	
60	60	

#### Water Details

Water Found at Depth	Kind

#### Hole Diameter

Depth From	Depth To	Diameter

#### Audit Number: Z361190

#### Date Well Completed: June 25, 2021

#### Date Well Record Received by MOE: July 26, 2021

#### Related

How to use a Ministry of the Environment map (https://www.ontario.ca/page/how-use-ministryenvironment-map#wells)

Technical documentation: Metadata record (https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77)

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(https://www.ontario.ca/page/government-ontario)

# Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue (https://data.ontario.ca/dataset/well-records).

Go Back to Map

# Well ID

Well ID Number: 7392901Well Audit Number: *Z361199*Well Tag Number:*This table contains information from the original well record and any subsequent updates.* 

### **Well Location**

Address of Well Location	3636 Innes
Township	GLOUCESTER TOWNSHIP
Lot	

Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 459409.00 Northing: 5032600.00
Municipal Plan and Sublot Number	
Other	

### **Overburden and Bedrock Materials Interval**

General Colour	Most Common Material	Other Material s	General Descriptio n	Dep th Fro m	Dep th To

# Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	SAND	
.31 m	8.84 m	BENTONITE GROUT	

# Method of Construction & Well Use

Method of Construction	Well Use
	Monitoring and Test Hole

# Status of Well

Abandoned-Other

## **Construction Record - Casing**

Inside	Open Hole or material	Depth	Depth
Diameter		From	To
5.2 cm	PLASTIC		

### **Construction Record - Screen**

Outs Diam	ide neter	Material	Depth From	Depth To	

# Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

# **Results of Well Yield Testing**

After test of well yield, water was	
If pumping discontinued, give reason	
Pump intake set at	
Pumping Rate	
Duration of Pumping	
Final water level	

If flowing give rate	
Recommended pump depth	
Recommended pump rate	
Well Production	
Disinfected?	

#### Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	

15	15	
20	20	
25	25	
30	30	
40	40	
45	45	
50	50	
60	60	

#### Water Details

Water Found at Depth	Kind

#### Hole Diameter

Depth From	Depth To	Diameter

#### Audit Number: Z361199

#### Date Well Completed: June 25, 2021

#### Date Well Record Received by MOE: July 26, 2021

#### Related

How to use a Ministry of the Environment map (https://www.ontario.ca/page/how-use-ministryenvironment-map#wells)

Technical documentation: Metadata record (https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77)

Updated: January 10, 2024 Published: March 20, 2014



(https://www.ontario.ca/page/government-ontario)

# Map: Well records

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Go Back to Map

# Well ID

Well ID Number: 7392902Well Audit Number: *Z361198*Well Tag Number:*This table contains information from the original well record and any subsequent updates.* 

### Well Location

Address of Well Location	3610 Innes Road
Township	GLOUCESTER TOWNSHIP
Lot	

Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 459412.00 Northing: 5032599.00
Municipal Plan and Sublot Number	
Other	

### **Overburden and Bedrock Materials Interval**

General Colour	Most Common Material	Other Material s	General Descriptio n	Dep th Fro m	Dep th To

# Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	SAND	
.31 m	2.74 m	BENTONITE GROUT	

# Method of Construction & Well Use

Method of Construction	Well Use
	Monitoring and Test Hole

# Status of Well

Abandoned-Other

## **Construction Record - Casing**

Inside	Open Hole or material	Depth	Depth
Diameter		From	To
5.2 cm	PLASTIC	0 m	1.22 m

### **Construction Record - Screen**

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	1.22 m	2.74 m

# Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

# **Results of Well Yield Testing**

After test of well yield, water was	
If pumping discontinued, give reason	
Pump intake set at	
Pumping Rate	
Duration of Pumping	
Final water level	

If flowing give rate	
Recommended pump depth	
Recommended pump rate	
Well Production	
Disinfected?	

#### Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	

15	15	
20	20	
25	25	
30	30	
40	40	
45	45	
50	50	
60	60	

#### Water Details

Water Found at Depth	Kind

#### Hole Diameter

Depth From	Depth To	Diameter

#### Audit Number: Z361198

#### Date Well Completed: June 25, 2021

#### Date Well Record Received by MOE: July 26, 2021

#### Related

How to use a Ministry of the Environment map (https://www.ontario.ca/page/how-use-ministryenvironment-map#wells)

Technical documentation: Metadata record (https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77)

Updated: January 10, 2024 Published: March 20, 2014



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# Map: Well records

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Full dataset is available in the Open Data catalogue (https://data.ontario.ca/dataset/well-records).

Go Back to Map

# Well ID

Well ID Number: 7392903
Well Audit Number: *Z361200*Well Tag Number: *A272506 This table contains information from the original well record and any subsequent updates.*

### Well Location

Address of Well Location	3610 Innes Road
Township	GLOUCESTER TOWNSHIP
Lot	

Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 459410.00 Northing: 5032606.00
Municipal Plan and Sublot Number	
Other	

### **Overburden and Bedrock Materials Interval**

General Colour	Most Common Material	Other Material s	General Descriptio n	Dep th Fro m	Dep th To

# Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	SAND	
.31 m	2.74 m	BENTONITE GROUT	

# Method of Construction & Well Use

Method of Construction	Well Use
	Monitoring and Test Hole

# Status of Well

Abandoned-Other

## **Construction Record - Casing**

Inside	Open Hole or material	Depth	Depth
Diameter		From	To
5.2 cm	PLASTIC	0 m	1.22 m

### **Construction Record - Screen**

Outside Diameter	Material	Depth From	Depth To
6.03 cm	PLASTIC	1.22 m	2.74 m

# Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

# **Results of Well Yield Testing**

After test of well yield, water was	
If pumping discontinued, give reason	
Pump intake set at	
Pumping Rate	
Duration of Pumping	
Final water level	

If flowing give rate	
Recommended pump depth	
Recommended pump rate	
Well Production	
Disinfected?	

#### Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	

15	15	
20	20	
25	25	
30	30	
40	40	
45	45	
50	50	
60	60	

#### Water Details

Water Found at Depth	Kind

#### Hole Diameter

Depth From	Depth To	Diameter

#### Audit Number: Z361200

#### Date Well Completed: June 25, 2021

#### Date Well Record Received by MOE: July 26, 2021

#### Related

How to use a Ministry of the Environment map (https://www.ontario.ca/page/how-use-ministryenvironment-map#wells)

Technical documentation: Metadata record (https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77)

Updated: January 10, 2024 Published: March 20, 2014


(https://www.ontario.ca/page/government-ontario)

# Map: Well records

This map allows you to search and view well record information from reported wells in Ontario.

Full dataset is available in the Open Data catalogue (https://data.ontario.ca/dataset/well-records).

Go Back to Map

# Well ID

Well ID Number: 7392904Well Audit Number: *Z361188*Well Tag Number:*This table contains information from the original well record and any subsequent updates.* 

# **Well Location**

Address of Well Location	3610 Innes Road
Township	GLOUCESTER TOWNSHIP
Lot	

Concession	
County/District/Municipality	OTTAWA-CARLETON
City/Town/Village	Ottawa
Province	ON
Postal Code	n/a
UTM Coordinates	NAD83 — Zone 18 Easting: 459331.00 Northing: 5032603.00
Municipal Plan and Sublot Number	
Other	

## **Overburden and Bedrock Materials Interval**

General Colour	Most Common Material	Other Material s	General Descriptio n	Dep th Fro m	Dep th To

# Annular Space/Abandonment Sealing Record

Depth From	Depth To	Type of Sealant Used (Material and Type)	Volume Placed
0 m	.31 m	SAND	
.31 m	4.57 m	BENTONITE GROUT	

# Method of Construction & Well Use

Method of Construction	Well Use
	Monitoring and Test Hole

# Status of Well

Abandoned-Other

# **Construction Record - Casing**

Inside	Open Hole or material	Depth	Depth
Diameter		From	To
4.03 cm	PLASTIC	0 m	1.52 m

## **Construction Record - Screen**

Outside Diameter	Material	Depth From	Depth To
4.82 cm	PLASTIC	1.52 m	4.57 m

# Well Contractor and Well Technician Information

Well Contractor's Licence Number: 7241

# **Results of Well Yield Testing**

After test of well yield, water was	
If pumping discontinued, give reason	
Pump intake set at	
Pumping Rate	
Duration of Pumping	
Final water level	

If flowing give rate	
Recommended pump depth	
Recommended pump rate	
Well Production	
Disinfected?	

## Draw Down & Recovery

Draw Down Time(min)	Draw Down Water level	Recovery Time(min)	Recovery Water level
SWL			
1		1	
2		2	
3		3	
4		4	
5		5	
10		10	

15	15	
20	20	
25	25	
30	30	
40	40	
45	45	
50	50	
60	60	

## Water Details

Water Found at Depth	Kind

## **Hole Diameter**

Depth From	Depth To	Diameter

## Audit Number: Z361188

## Date Well Completed: June 25, 2021

## Date Well Record Received by MOE: July 26, 2021

## Related

How to use a Ministry of the Environment map (https://www.ontario.ca/page/how-use-ministryenvironment-map#wells)

Technical documentation: Metadata record (https://data.ontario.ca/dataset/well-records/resource/3031344e-e3f2-48d5-888c-c1deadfd2f77)

Updated: January 10, 2024 Published: March 20, 2014

UTM $    8 ^{z}   4599090^{ E E E E E E E E E E E E E E E E E E E$	rio Water Resou ER WF	Inces Commi CLL R Township, V Pate comp	C-Sh ssion Act, 1957 EECORI Village, Town or letedSept	15 N POUND WATER BR SU JAN 1 1 136 OATAGO G CATAGO G CityTwp. Glor 22/59	1209 1209 AN'CH U 35510N acester
		ddress	Orleans, Ont.		
Casing and Screen Record	d	<u></u>	Pur	nping Test	
Inside diameter of casing 2"		Static lev Test-pum Pumping Duration Water clo Recommon with	el	end of test cl rate 9	G.P.M. ear G.P.M.
		/	Wa	nter Record	
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 gravel bolders limestone	0 14 17 	14 17 40	40	37	FRESH
For what purpose(s) is the water to be used domestic Is well on upland, in valley, or on hillside <u>G. C. C.</u>	1? AU WELLS 9R - 25 	In To	Local and diagram below bad and lot line UERRD L = 72	Ation of Well v show distances of e. Indicate north SUB 2 30 X D D COMPANY	of well from h by arrow.

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$UM   18^{2}   4589315^{E}$			I MOUND	WATER BLANN	9 1224
OTAN & STRONOBIE 61-310 N THE Ontario Water Reso	ources	Commission	Act Care	<b>3</b> 1963	
Eleronda TO 3 012 WATER WEI		REC	ORTARI ORDES	O WATER /	<b>₹</b> \.
Besifi (213)	Townsh	ip, Village, T	own or City	GLOUCET	FR
Con. 20 F Lot. 5	Date co	mpleted	3 (day	SEPT month	1963 year)
	lress	ORLI	EANS.		
Casing and Screen Record			Pumpin	g Test	
Inside diameter of casing 6 INCH	Stat	ic level	1,	5 FEET	
Total length of casing 20 FEET	Test	-pumping ra	ite	5	G.P.M.
Type of screen	Pun	nping level		30'	
Length of screen	Dur	ation of test J	oumping	lHOUR	
Depth to top of screen	Wa	ter clear or cl	oudy at end o	test CLEA	R
Diameter of finished hole 6 INCH	Rec	ommended I	oumping rate	5	G.P.M.
	wit	n pump settir	ng of 31	) feet belo	w ground surface
Well Log				Wate	r Record
Overburden and Bedrock Record		From ft.	To ft.	Depth(s) at which water(s) found	(fresh, salty, sulphur)
SIAT		0	7		
LIMESTONE		7	45	40-45	FRESA
			<u> </u>		
For what purpose(s) is the water to be used?		_ · - • •	Location	of Well	
NEW HOUSEHOLD		In diagram	m below show	distances of we	ll from arrow
Is well on upland, in valley, or on hillside? $U \rho \lambda M D$		Toau anu	lot mie. m	neale north by	A
Drilling or Boring Firm			'له م	g	1
MOLOUGHNEY WELL DRILLING			-10		*1
Address $O 77A \omega A$			Ň	L.	
		5	י (ך פ	305	
Licence Number // //				<u> / / / / / / / / / / / / / / / / / / /</u>	MES AP
Name of Driller or Borer $1 + 0.5 / E/K$					ال موجد الله المحمد الله عن علي محمد المحمد <u>المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد المحمد الم</u>
Address $0/7400 \text{ A}$	-				
(Signature of Hidensed Drilling or Boring Contractor)	•				
Form 7 15M-60-4138					
OWRC COPY			(	135 <b>. 53</b> .	



# DATABASE REPORT

**Project Property:** 

Project No: Report Type: Order No: Requested by: Date Completed: Phase I ESA-PE6537 3610 Innes Road Orléans ON K1C 1T1 60033 Standard Report 24042300513 Paterson Group Inc. April 26, 2024

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

## Table of Contents

Table of Contents	2
Executive Summary	3
Executive Summary: Report Summary	4
Executive Summary: Site Report Summary - Project Property	7
Executive Summary: Site Report Summary - Surrounding Properties	8
Executive Summary: Summary By Data Source	10
Мар	14
Aerial	15
Topographic Map	16
Detail Report	17
Unplottable Summary	49
Unplottable Report	53
Appendix: Database Descriptions	240
Definitions	250

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## **Executive Summary**

### Property Information:

Project Property: Phase I ESA-PE6537 3610 Innes Road Orléans ON K1C 1T1

**Project No:** 

60033

#### **Coordinates:**

	Latitude:	45.4462825
	Longitude:	-75.5206604
	UTM Northing:	5,032,660.51
	UTM Easting:	459,283.81
	UTM Zone:	18T
Elevation:		292 FT
		88.88 M

### Order Information:

Order No: Date Requested: Requested by: Report Type: 24042300513 April 23, 2024 Paterson Group Inc. Standard Report

## Historical/Products:

## Executive Summary: Report Summary

Database	Name	Searched	Project Property	Within 0.25 km	Total
AAGR	Abandoned Aggregate Inventory	Y	0	0	0
AGR	Aggregate Inventory	Y	0	0	0
AMIS	Abandoned Mine Information System	Y	0	0	0
ANDR	Anderson's Waste Disposal Sites	Y	0	0	0
AST	Aboveground Storage Tanks	Y	0	0	0
AUWR	Automobile Wrecking & Supplies	Y	0	0	0
BORE	Borehole	Y	0	1	1
СА	Certificates of Approval	Y	0	0	0
CDRY	Dry Cleaning Facilities	Y	0	0	0
CFOT	Commercial Fuel Oil Tanks	Y	0	0	0
CHEM	Chemical Manufacturers and Distributors	Y	0	0	0
СНМ	Chemical Register	Y	0	0	0
CNG	Compressed Natural Gas Stations	Y	0	0	0
COAL	Inventory of Coal Gasification Plants and Coal Tar Sites	Y	0	0	0
CONV	Compliance and Convictions	Y	0	0	0
CPU	Certificates of Property Use	Y	0	0	0
DRL	Drill Hole Database	Y	0	0	0
DTNK	Delisted Fuel Tanks	Y	0	0	0
EASR	Environmental Activity and Sector Registry	Y	0	1	1
EBR	Environmental Registry	Y	0	0	0
ECA	Environmental Compliance Approval	Y	1	1	2
EEM	Environmental Effects Monitoring	Y	0	0	0
EHS	ERIS Historical Searches	Y	0	6	6
EIIS	Environmental Issues Inventory System	Y	0	0	0
EMHE	Emergency Management Historical Event	Y	0	0	0
EPAR	Environmental Penalty Annual Report	Y	0	0	0
EXP	List of Expired Fuels Safety Facilities	Y	0	0	0
FCON	Federal Convictions	Y	0	0	0
FCS	Contaminated Sites on Federal Land	Y	0	0	0
FOFT	Fisheries & Oceans Fuel Tanks	Y	0	0	0
FRST	Federal Identification Registry for Storage Tank Systems (FIRSTS)	Y	0	0	0
FST	Fuel Storage Tank	Ŷ	0	0	0
FSTH	Fuel Storage Tank - Historic	Y	0	0	0
GEN	Ontario Regulation 347 Waste Generators Summary	Y	0	0	0
GHG	Greenhouse Gas Emissions from Large Facilities	Y	0	0	0
HINC	TSSA Historic Incidents	Y	0	0	0
IAFT	Indian & Northern Affairs Fuel Tanks	Y	0	0	0

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Database	Name	Searched	Project Property	Within 0.25 km	Total
INC	Fuel Oil Spills and Leaks	Y	0	0	0
LIMO	Landfill Inventory Management Ontario	Y	0	0	0
MINE	Canadian Mine Locations	Y	0	0	0
MNR	Mineral Occurrences	Y	0	0	0
NATE	National Analysis of Trends in Emergencies System (NATES)	Y	0	0	0
NCPL	Non-Compliance Reports	Y	0	0	0
NDFT	National Defense & Canadian Forces Fuel Tanks	Y	0	0	0
NDSP	National Defense & Canadian Forces Spills	Y	0	0	0
NDWD	National Defence & Canadian Forces Waste Disposal Sites	Y	0	0	0
NEBI	National Energy Board Pipeline Incidents	Y	0	0	0
NEBP	National Energy Board Wells	Y	0	0	0
NEES	National Environmental Emergencies System (NEES)	Y	0	0	0
NPCB	National PCB Inventory	Y	0	0	0
NPR2	National Pollutant Release Inventory 1993-2020	Y	0	0	0
NPRI	National Pollutant Release Inventory - Historic	Y	0	0	0
OGWE	Oil and Gas Wells	Y	0	0	0
OOGW	Ontario Oil and Gas Wells	Y	0	0	0
OPCB	Inventory of PCB Storage Sites	Y	0	0	0
ORD	Orders	Y	0	0	0
PAP	Canadian Pulp and Paper	Y	0	0	0
PCFT	Parks Canada Fuel Storage Tanks	Y	0	0	0
PES	Pesticide Register	Y	0	0	0
PFCH	NPRI Reporters - PFAS Substances	Y	0	0	0
PFHA	Potential PFAS Handers from NPRI	Y	0	0	0
PINC	Pipeline Incidents	Y	0	0	0
PRT	Private and Retail Fuel Storage Tanks	Y	0	0	0
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	1	1	2
RST	Retail Fuel Storage Tanks	Y	0	0	0
SCT	Scott's Manufacturing Directory	Y	0	0	0
SPL	Ontario Spills	Y	0	0	0
SRDS	Wastewater Discharger Registration Database	Y	0	0	0
TANK	Anderson's Storage Tanks	Y	0	0	0
TCFT	Transport Canada Fuel Storage Tanks	Y	0	0	0
VAR	Variances for Abandonment of Underground Storage Tanks	Y	0	0	0
WDS	Waste Disposal Sites - MOE CA Inventory	Y	0	0	0
WDSH	Waste Disposal Sites - MOE 1991 Historical Approval Inventory	Y	0	0	0
WWIS	Water Well Information System	Y	0	14	14

9	Name	Searched	Project Property	Within 0.25 km	Total
		Total:	2	24	26

## Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev diff (m)	Page Number
<u>1</u>	RSC	GLENVIEW HOMES (INNES) LTD.	3610 INNES ROAD ON Ottawa ON	-/0.0	0.00	<u>17</u>
1	ECA	Glenview Homes (Innes) Ltd.	3610 Innes Rd Ottawa ON K2P 2R3	-/0.0	0.00	<u>17</u>

## Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>2</u>	WWIS		3636 INNES ROAD OTTAWA ON	SE/71.0	-0.20	<u>18</u>
			Well ID: 7265309			
3	WWIS			SE/74.4	-0.20	21
_			ON			_
			Well ID: 7392904			
<u>4</u>	WWIS		3636 INNES ROAD	ESE/129.8	-1.08	22
			Wein 12. 1203308			
<u>5</u>	WWIS		ON	ESE/137.5	-1.08	<u>26</u>
			Well ID: 7392903			
<u>6</u>	WWIS		ON	ESE/139.0	-1.08	<u>26</u>
			Well ID: 7392901			
<u>7</u>	WWIS		ON	ESE/142.2	-1.08	27
			Well ID: 7392902			
<u>8</u>	WWIS		ON	E/142.7	0.00	<u>28</u>
			Well ID: 7392900			
<u>9</u>	WWIS		3604 INNEG RD lot 4 con 3 ON	ESE/143.0	0.00	<u>29</u>
			<b>Well ID:</b> 7341999			
	148440		2626 Janes Dd		1.00	20
<u>10</u>	WWIS		Orleans ON	SE/150.7	-1.00	30
			Well ID: 7343048			
11	WWIS		3636 INNES ROAD	ESE/181.5	-0.28	33
<u></u>	WWW		OTTAWA ON			
			Well ID: 7265307			
12	WWIS			ESE/186.3	-1.00	36
			ON		-	
			<b>Well ID:</b> 7392899			
13	EHS		245/275 ave de lamarche	W/189.1	0.00	37
<u></u>			Ottawa ON K1W 1H2			_

Map Key	DB	Company/Site Name	Address	Dir/Dist (m)	Elev Diff (m)	Page Number
<u>13</u>	EHS		245/275 ave de lamarche Ottawa ON K1W 1H2	W/189.1	0.00	<u>37</u>
<u>13</u>	EHS		245/275 ave de lamarche Ottawa ON K1W 1H2	W/189.1	0.00	<u>38</u>
<u>13</u>	EHS		245/275 ave de lamarche Ottawa ON K1W 1H2	W/189.1	0.00	<u>38</u>
<u>14</u>	WWIS		lot 4 con 3 ON <i>Well ID:</i> 1501402	ENE/192.6	0.69	<u>38</u>
<u>15</u>	RSC	GIBSON PATTERSON	245 LAMARCHE AVENUE ON Ottawa ON	WNW/198.2	0.00	<u>40</u>
<u>16</u>	EHS		3604 Innes Road Orléans ON K1C 1T1	NW/213.9	0.00	<u>41</u>
<u>16</u>	ECA	Halo Car Wash Inc.	3604 Innes Road Ottawa ON K0C 1T0	NW/213.9	0.00	<u>41</u>
<u>16</u>	EASR	GLENVIEW HOMES (INNES) LTD.	3604 Innes RD Ottawa ON K1C 1T1	NW/213.9	0.00	<u>42</u>
<u>17</u>	EHS		3574 Innes Road Orléans ON K1C 1T1	WNW/217.7	0.00	<u>42</u>
<u>18</u>	WWIS		3604 innes road lot 4 con 3 Ottawa ON	NW/220.9	0.00	<u>42</u>
<u>19</u>	WWIS		well ID: 7347161 lot 4 con 3 ON	ENE/238.5	1.00	<u>44</u>
<u>20</u>	BORE		<i>Well ID:</i> 1501409 ON	ENE/238.6	1.00	<u>47</u>

## Executive Summary: Summary By Data Source

## **BORE** - Borehole

A search of the BORE database, dated 1875-Jul 2018 has found that there are 1 BORE site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	ENE	238.56	<u>20</u>

### **EASR** - Environmental Activity and Sector Registry

A search of the EASR database, dated Oct 2011-Feb 29, 2024 has found that there are 1 EASR site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
GLENVIEW HOMES (INNES) LTD.	3604 Innes RD Ottawa ON K1C 1T1	NW	213.86	<u>16</u>

## **ECA** - Environmental Compliance Approval

A search of the ECA database, dated Oct 2011-Feb 29, 2024 has found that there are 2 ECA site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
Glenview Homes (Innes) Ltd.	3610 Innes Rd Ottawa ON K2P 2R3	-	0.00	1
Halo Car Wash Inc.	3604 Innes Road Ottawa ON K0C 1T0	NW	213.86	<u>16</u>

## **EHS** - ERIS Historical Searches

A search of the EHS database, dated 1999-Dec 31, 2023 has found that there are 6 EHS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	Address	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
	245/275 ave de lamarche Ottawa ON K1W 1H2	W	189.14	<u>13</u>

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Equal/Higher Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
	245/275 ave de lamarche Ottawa ON K1W 1H2	W	189.14	<u>13</u>
	245/275 ave de lamarche Ottawa ON K1W 1H2	W	189.14	<u>13</u>
	245/275 ave de lamarche Ottawa ON K1W 1H2	W	189.14	<u>13</u>
	3604 Innes Road Orléans ON K1C 1T1	NW	213.86	<u>16</u>
	3574 Innes Road Orléans ON K1C 1T1	WNW	217.69	<u>17</u>

## **<u>RSC</u>** - Record of Site Condition

A search of the RSC database, dated 1997-Sept 2001, Oct 2004-Mar 2024 has found that there are 2 RSC site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	<u>Address</u>	<b>Direction</b>	Distance (m)	<u>Map Key</u>
GLENVIEW HOMES (INNES) LTD.	3610 INNES ROAD ON Ottawa ON	-	0.00	<u>1</u>
GIBSON PATTERSON	245 LAMARCHE AVENUE ON Ottawa ON	WNW	198.16	<u>15</u>

### WWIS - Water Well Information System

A search of the WWIS database, dated Mar 31 2023 has found that there are 14 WWIS site(s) within approximately 0.25 kilometers of the project property.

Equal/Higher Elevation	<u>Address</u>	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
	ON	E	142.71	<u>8</u>
	Well ID: 7392900			

Equal/Higher Elevation	Address	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
	3604 INNEG RD lot 4 con 3 ON	ESE	143.03	<u>9</u>
	Well ID: 7341999			
	lot 4 con 3 ON	ENE	192.55	<u>14</u>
	<b>Well ID:</b> 1501402			
	3604 innes road lot 4 con 3 Ottawa ON	NW	220.88	<u>18</u>
	<b>Well ID:</b> 7347161			
	lot 4 con 3 ON	ENE	238.49	<u>19</u>

Well ID: 1501409

Lower Elevation	Address	<b>Direction</b>	<u>Distance (m)</u>	<u>Map Key</u>
	3636 INNES ROAD OTTAWA ON	SE	70.98	<u>2</u>
	<b>Well ID:</b> 7265309			
	ON	SE	74.39	<u>3</u>
	<b>Well ID:</b> 7392904			
	3636 INNES ROAD OTTAWA ON	ESE	129.84	<u>4</u>
	<b>Well ID:</b> 7265308			
	ON	ESE	137.45	<u>5</u>
	<b>Well ID:</b> 7392903			
	ON	ESE	139.04	<u>6</u>
	<b>Well ID:</b> 7392901			
	ON	ESE	142.18	<u>7</u>
	<b>Well ID:</b> 7392902			
	3636 Innes Rd Orleans ON	SE	156.71	<u>10</u>
	Well ID: 7343048			

3636 INNES ROAD OTTAWA ON	ESE	181.51	<u>11</u>
Well ID: 7265307			
ON	ESE	186.35	<u>12</u>
Well ID: 7392899			



Source: © 2021 ESRI StreetMap Premium.

Rail

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Hospital



75°31'30"W

Aerial Year: 2023

Address: 3610 Innes Road, Orléans, ON

Source: ESRI World Imagery

Order Number: 24042300513



45°27'N

© ERIS Information Limited Partnership



45°27'N

45°25'30"N



# Address: 3610 Innes Road, ON

## Order Number: 24042300513



## © ERIS Information Limited Partnership

Source: ESRI World Topographic Map

## Detail Report

Map Key	Number Record	r of s	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
1	1 of 2		-/0.0	88.9 / 0.00	GLENVIEW HOMES (I 3610 INNES ROAD ON Ottawa ON	NNES) LTD. N	RSC
RSC No: RA No: Status: Filing Date: Date Ack: Date Returne Approval Date Cert Date: Cert Prop Us Curr Property Intended Pro Restoration 1	d: e: e No: γ Use: p Use: Γγpe:	227583 FILED February 1	7, 2021		X: Y: Latitude: Longitude: UTM Coordinates: Latitude Longitude: Accuracy Estimate: Measurement Method: Mailing Address: Telephone: Fax: Email:	-75.51855077033797 45.443785206332315 45.44378521 -75.51855077	
Soil Type: Criteria: Stratified (Y/I Audit (Y/N): Entire Leg Pr (Y/N): CPU Issu Sec Business Nan Address: Legal Desc: Site Din:	V): op. ct 1686: ne:	C 3	GLENVIEW HOMES 610 INNES ROAD	S (INNES) LTD. ON	Postal Code: Ministry District: MOE District: SWP Area Name: Qual Person Name: Consultant:	K1C 1T1 Ottawa Rideau Valley CAROLYN ADAMS	
Asmt Roll No: Project Type: Approval Type Applicable Sta Pdf Link:	e: andards:	F F h	POST2011 RSC based on Phas	se One and Two E environment.ene.g	SAs jov.on.ca/AEWeb/ae/ViewD	ocument.action?documentRefID=	227583
1	2 of 2		-/0.0	88.9 / 0.00	Glenview Homes (Inn 3610 Innes Rd Ottawa ON K2P 2R3	es) Ltd.	ECA
Approval No: Approval Dat Status: Record Type: Link Source: SWP Area Na Approval Type Project Type: Business Nan Address: Full Address: Full Address: Full PDF Link. PDF Site Loca	re: : mme: e: ne: : ation:	4837-CFLF July 3, 202. Approved ECA IDS Rideau Val E M C 3 3 h T 3 5 6 0 0	PU5 2 ECA-MUNICIPAL A /UNICIPAL AND P Glenview Homes (Ir /610 Innes Rd https://www.accesse The Common 610 Innes Road Part of Lot 4, Conce City of Ottawa, Onta	ND PRIVATE SEV RIVATE SEWAGE innes) Ltd. environment.ene.g ession 3 ario	MOE District: City: Longitude: Latitude: Geometry X: Geometry Y: WAGE WORKS WORKS	Ottawa -8407083.94199999998 5692432.389700003	

\_

Map Key	Number Record	r of Direction/ s Distance (n	Elev/Diff n) (m)	Site		DB
<u>2</u>	1 of 1	SE/71.0	88.7 / -0.20	3636 INNES ROAD OTTAWA ON		WWIS
Well ID: Construction Use 1st: Use 2nd: Final Well S Water Type: Casing Mate Audit No: Tag: Constructn Elevation (m Elevatin Reli Depth to Be Well Depth: Overburden, Pump Rate: Static Water Clear/Cloud Municipality Site Info:	n Date: tatus: prial: Method: n): iabilty: drock: /Bedrock: r Level: y:	7265309 Monitoring and Test Hole Monitoring and Test Hole Z229831 A169779 GLOUCESTER	TOWNSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	06/17/2016 TRUE 7241 7 OTTAWA-CARLETON	
PDF URL (M	lap):					

### Additional Detail(s) (Map)

Well Completed Date:	05/02/2016
Year Completed:	2016
Depth (m):	4.57
Latitude:	45.4457582441872
Longitude:	-75.5201417024031
Path:	

### Bore Hole Information

Bore Hole ID:	1006064843	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	459324.00
Code OB Desc:		North83:	5032602.00
Open Hole:		Org CS:	UTM83
Cluster Kind:		UTMRC:	4
Date Completed:	05/02/2016	UTMRC Desc:	margin of error : 30 m - 100 m
Remarks:		Location Method:	wwr
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date Improvement Locatio	: n Source:		

#### Overburden and Bedrock Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID:	1006125427
Laver:	1
Color:	2
General Color:	GREY
Mat1:	11

Map Key Num Reco	ber of Direction ords Distance	/ Elev/Diff (m) (m)	Site	DB
Most Common Mater Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Dept Formation End Dept Formation End Dept	fal:     GRAVEL       77     LOOSE       1:     0.0       1:     0.3100000023       1:     0.3100000023	3841858		
<u>Overburden and Bec</u> <u>Materials Interval</u>	l <u>rock</u>			
Formation ID: Layer: Color: General Color: Mat1: Most Common Mater Mat2: Mat2 Desc: Mat3 Desc: Formation Top Dept Formation End Dept	1006125429 3 2 GREY 05 CLAY 85 SOFT 1.5199999809 1: 3.0999999046 b UOM: m	9265137 3325684		
<u>Overburden and Bec</u> <u>Materials Interval</u>	lrock_			
Formation ID: Layer: Color: General Color: Mat1: Most Common Mater Mat2: Mat2 Desc: Mat3 Mat3 Desc: Formation Top Dept Formation End Dept	1006125428 2 6 BROWN 05 CLAY 11 GRAVEL 85 SOFT 7: 0.3100000023 7: 1.5199999805 7: m	3841858 9265137		
Overburden and Bec Materials Interval	lrock			
Formation ID: Layer: Color: General Color: Mat1: Most Common Mater Mat2: Mat2 Desc: Mat3 Desc: Formation Top Dept Formation End Dept Formation End Dept	1006125430 4 2 GREY 17 5 5 5 5 5 1006125430 4 2 SHALE 92 WEATHEREE 3.0999999046 5 4.5700001716 m	) 3325684 361377		
<u>Annular Space/Aban</u> <u>Sealing Record</u>	<u>donment</u>			

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Plug ID: Layer: Plug From: Plug To: Plug Depth L	IOM:	1006125441 3 1.220000028610229 4.570000171661377 m	95 7		
<u>Annular Spa</u> <u>Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1006125439 1 0.0 0.310000002384185 m	58		
<u>Annular Spa</u> <u>Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth L	IOM:	1006125440 2 0.310000002384185 1.220000028610225 m	58 95		
<u>Method of Co Use</u>	onstruction & Well				
Method Cons Method Cons Method Cons Other Metho	struction ID: struction Code: struction: d Construction:	1006125438 5 Air Percussion			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		1006125426 0			
<u>Constructior</u>	n Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Dept	r Material: eter: eter UOM: h UOM:	1006125434 1 5 PLASTIC 0.0 1.519999980926513 4.03000020980835 cm m	37		
<u>Construction</u>	Record - Screen				
Screen ID:		1006125435 1			

	1000120100
Layer:	1
Slot:	10
Screen Top Depth:	1.5199999809265137
Screen End Depth:	4.570000171661377
Screen Material:	5
Screen Depth UOM:	m

Map Key	Number Records	of	Direction/ Distance (m	Elev/Diff (m)	Site		DB
Screen Diam Screen Diam	eter UOM: eter:		cm 4.8200001716613	377			
Water Details	<u>6</u>						
Water ID: Layer: Kind Code: Kind:			1006125433				
Water Found Water Found	Depth: Depth UON	1:	m				
Hole Diamete	<u>ər</u>						
Hole ID: Diameter: Depth From: Depth To: Hole Depth L Hole Diamete	IOM: er UOM:		1006125431 11.430000305175 0.0 3.09999999046325 m cm	5781 5684			
Hole Diamete	<u>er</u>						
Hole ID: Diameter: Depth From: Depth To: Hole Depth L Hole Diamete	IOM: er UOM:		1006125432 7.6199998855590 3.0999999046322 4.5700001716613 m cm	982 5684 377			
<u>Links</u>							
Bore Hole ID Depth M: Year Comple Well Comple Audit No: Path:	: eted: ted Dt:	1006064 4.57 2016 05/02/20 Z229831 726\7265	843 16 5309.pdf		Tag No: Contractor: Latitude: Longitude: Y: X:	A169779 7241 45.4457582441872 -75.5201417024031 45.445758236881225 -75.5201415396825	
<u>3</u>	1 of 1		SE/74.4	88.7/-0.20	ON		WWIS
Well ID: Construction Use 1st: Use 2nd: Final Well St. Water Type: Casing Mater Audit No: Tag: Constructn M Elevation (m, Elevation (m, Elevation (m, Elevat	n Date: atus: rial: Method: ): abilty: drock: Bedrock: Level: ':	7392904 Z361188			Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	Yes 07/26/2021 TRUE Yes 7241 7 OTTAWA-CARLETON	
Municipality: Site Info:			GLOUCESTER T	OWNSHIP	-		

21

### Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source Revision Comm Supplier Comment:	1008718057 06/25/2021 on Water Well Reco Source: Method: nent:	Elevation. Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC D Location	18 459331.00 5032603.00 UTM83 4 esc: margin of error Method: wwr	: 30 m - 100 m
<u>Links</u>				
Bore Hole ID: Depth M: Year Completed: Well Completed Dt: Audit No: Path:	1008718057 2021 06/25/2021 Z361188	Tag No: Contracto Latitude: Longitude Y: X:	r: 7241 45.4457676525 •: -75.520052276 45.4457676457 -75.520052115	5986 7759 783164 11981
4 1 of 1	ESE/129.8	87.8 / -1.08 3636 IN OTTAW	NES ROAD A ON	
Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status:	7265308 Monitoring and Test Hole 0 Monitoring and Test Hole	Flowing ( Flow Rate Data Entr Data Src: Date Rece	Y/N): :: y Status: eived: 06/17/2016	

Use isi.	Monitoring and restrible	Dala Entry Status.	
Use 2nd:	0	Data Src:	
Final Well Status:	Monitoring and Test Hole	Date Received:	06/17/2016
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	Z22235	Contractor:	7241
Tag:	A168724	Form Version:	7
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	GLOUCESTER TOWNSHIP	-	
Site Info:			

PDF URL (Map):

#### Additional Detail(s) (Map)

Well Completed Date:	06/02/2016
Year Completed:	2016
Depth (m):	4.57
Latitude:	45.4458258456959
Longitude:	-75.519132114733

**WWIS** 

Path:

#### Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed:	06/02/2016	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC	18 459403.00 5032609.00 UTM83 4 margin of error : 30 m - 100 m
Date Completed.	00/02/2010	UTWRC Desc.	
Remarks:		Location Method:	WWF
Loc Method Desc:	on Water Well Record		
Elevrc Desc:			
Location Source Date: Improvement Location S Improvement Location N Source Revision Commo Supplier Comment:	Source: Method: ent:		

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	1006125342
Layer:	1
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	0.310000023841858
Formation End Depth UOM:	m

#### Overburden and Bedrock Materials Interval

Formation ID:	1006125344
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	06
Mat2 Desc:	SILT
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	1.2200000286102295
Formation End Depth:	3.3499999046325684
Formation End Depth UOM:	m

### Overburden and Bedrock Materials Interval

1006125343
2
6
BROWN

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En	n Material: p Depth: d Depth: d Depth UOM:	05 CLAY 11 GRAVEL 85 SOFT 0.310000002384185 1.220000028610225 m	58 95			
<u>Overburden a</u> <u>Materials Inte</u>	<u>nd Bedrock</u> rval					
Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En	r: n Material: p Depth: d Depth: d Depth UOM:	1006125345 4 2 GREY 17 SHALE 92 WEATHERED 3.349999904632568 4.570000171661377 m	34			
<u>Annular Spac</u> Sealing Recol	<u>e/Abandonment</u> r <u>d</u>					
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ОМ:	1006125354 1 0.0 0.310000002384185 m	58			
<u>Annular Spac</u> <u>Sealing Reco</u> Plug ID: Layer: Plug From: Plug To: Plug Depth U	e/Abandonment rd DM:	1006125355 2 0.100000001490116 1.220000028610229 m	512 95			
<u>Annular Spac</u> Sealing Recol	<u>e/Abandonment</u> r <u>d</u>					
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ом:	1006125356 3 1.220000028610229 4.570000171661377 m	95			
<u>Method of Co</u> <u>Use</u>	nstruction & Well	1000105050				
Method Const Method Const Method Const Other Method	truction ID: truction Code: truction: Construction:	1006125353 5 Air Percussion				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		1006125341 0			
<b>Construction</b>	Record - Casing				
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Depth	r Material: eter: eter UOM: h UOM:	1006125349 1 5 PLASTIC 0.0 3.099999904632568 4.03000020980835 cm m	34		
<b>Construction</b>	Record - Screen				
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mate Screen Dept Screen Diam Screen Diam	Depth: Depth: rial: h UOM: eter UOM: eter:	1006125350 1 10 3.099999904632568 4.570000171661377 5 m cm 4.820000171661377	34 7		
Water Details	5				
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM:	1006125348 m			
Hole Diamete	<u>ər</u>				
Hole ID: Diameter: Depth From: Depth To: Hole Depth L Hole Diamete	IOM: er UOM:	1006125346 11.43000030517578 0.0 0.310000002384185 m cm	31 58		
Hole Diamete	<u>er</u>				
Hole ID: Diameter: Depth From: Depth To: Hole Depth L Hole Diamete	IOM: er UOM:	1006125347 7.619999885559082 0.310000002384185 4.570000171661377 m cm	2 58 7		
<u>Links</u>					

Мар Кеу	Numbe Record	er of Is	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Bore Hole ID Depth M: Year Comple Well Comple Audit No:	): eted: eted Dt:	100606484 4.57 2016 06/02/2016 Z222235	40 S		Tag No: Contractor: Latitude: Longitude: Y:	A168724 7241 45.4458258456959 -75.519132114733 45.4458258386161	
Path:		726\72653	08.pdf		X:	-75.51913195310854	
<u>5</u>	1 of 1		ESE/137.5	87.8 / -1.08	ON		wwis
Well ID:		7392903			Flowing (Y/N):		
Construction Use 1st:	n Date:				Flow Rate: Data Entrv Status:	Yes	
Use 2nd:					Data Src:		
Final Well Sta Water Type:	tatus:				Date Received:	07/26/2021 TRUE	
Casing Mate	rial:				Abandonment Rec:	INCL	
Audit No:		Z361200			Contractor:	7241	
rag: Constructn I	Method	A272506			Form version: Owner:	7	
Elevation (m	i):				County:	OTTAWA-CARLETON	
Elevatn Relia	abilty:				Lot:		
Deptn to Bed Well Depth:	arock:				Concession: Concession Name:		
Overburden/	/Bedrock:				Easting NAD83:		
Pump Rate: Static Water	l evel:				Northing NAD83: Zone:		
Clear/Cloudy	/:				UTM Reliability:		
Municipality: Site Info:	:	C	GLOUCESTER T	OWNSHIP			
Bore Hole In	formation	100871805	5A		Elevation		
DP2BR:		10007 1000	74		Elevrc:		
Spatial Statu	ıs:				Zone:	18	
Code OB: Code OB De:	sc:				East83: North83:	459410.00 5032606.00	
Open Hole:					Org CS:	UTM83	
Cluster Kind	l: atod:	06/25/2021			UTMRC:	4 margin of error : 30 m - 100 m	
Remarks:	eleu.	00/23/2021			Location Method:	wwr	
Loc Method I Elevrc Desc:	Desc:	C	on Water Well Re	cord			
Inprovement Improvement Source Revis Supplier Con	urce Date: It Location It Location sion Comn mment:	Source: Method: nent:					
<u>Links</u>							
Bore Hole ID	);	100871805	54		Tag No:	A272506	
	eted:	2021			Latitude:	45.445799249912	
Year Comple	eted Dt:	06/25/2021			Longitude:	-75.51904235864	
Year Comple Well Comple		2361200			Y: X:	45.44579924298891 -75.51904219707065	
Year Comple Well Comple Audit No: Path:							
Year Comple Well Comple Audit No: Path: <u>6</u>	1 of 1		ESE/139.0	87.8 / -1.08	ON		wwis
Year Comple Well Comple Audit No: Path: <u>6</u>	1 of 1		ESE/139.0	87.8/-1.08	ON		WWIS

Map Key Numb Recor	er of Direction/ ds Distance (m)	Elev/Diff (m)	Site		DB
Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatin Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:	Z361199 GLOUCESTER TOV	VNSHIP	Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	Yes 07/26/2021 TRUE Yes 7241 7 OTTAWA-CARLETON	
Bore Hole Information Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Loc Method Desc: Elevrc Desc: Location Source Date Improvement Location Improvement Location Source Revision Com	1008718048 06/25/2021 on Water Well Reco	rd	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 459409.00 5032600.00 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Links</u> Bore Hole ID: Depth M: Year Completed: Well Completed Dt: Audit No: Path:	1008718048 2021 06/25/2021 Z361199		Tag No: Contractor: Latitude: Longitude: Y: X:	7241 45.445745186697 -75.5190546502688 45.4457451800778 -75.51905448782087	
71 of 1Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliability:	<i>ESE/142.2</i> 7392902 Z361198	87.8/-1.08	ON Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot:	Yes 07/26/2021 TRUE Yes 7241 7 OTTAWA-CARLETON	WWIS

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Order No: 24042300513
Map Key Numbe Record	r of Direction/ s Distance (m)	Elev/Diff (m)	Site		DB
Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:	GLOUCESTER TO	WNSHIP	Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:		
Bore Hole Information					
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Improvement Location Source Revision Comm Supplier Comment:	1008718051 06/25/2021 on Water Well Reco Source: Method: Jent:	ord	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC: Location Method:	18 459412.00 5032599.00 UTM83 4 margin of error : 30 m - 100 m wwr	
Links					
Bore Hole ID: Depth M: Year Completed: Well Completed Dt: Audit No: Path:	1008718051 2021 06/25/2021 Z361198		Tag No: Contractor: Latitude: Longitude: Y: X:	7241 45.445736360158 -75.5190162070152 45.44573635288185 -75.5190160444318	
<u>8</u> 1 of 1	E/142.7	88.9 / 0.00	ON		WWIS
Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:	7392900 Z361190 GLOUCESTER TOM	WNSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	Yes 07/26/2021 TRUE Yes 7241 7 OTTAWA-CARLETON	

# Bore Hole Information

Map Key	Numbe Record	r of s	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Bore Hole ID: DP2BR: Spatial Statu: Code OB: Code OB Des Open Hole: Cluster Kind: Date Comple Remarks: Loc Method I Elevrc Desc: Location Sou Improvement Source Revis Supplier Con	: sc: ted: Desc: urce Date: t Location t Location sion Comm nment:	100871804 06/25/2021 01 Source: Method: ient:	5 n Water Well Rec	ord	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 459423.00 5032629.00 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Links</u>							
Bore Hole ID: Depth M: Year Comple Well Complet Audit No: Path:	: ted: ted Dt:	100871804 2021 06/25/2021 Z361190	5		Tag No: Contractor: Latitude: Longitude: Y: X:	7241 45.4460070247429 -75.5188780266861 45.44600701800235 -75.51887786469948	
<u>9</u>	1 of 1		ESE/143.0	88.9 / 0.00	3604 INNEG RD lot 4 ON	con 3	wwis
Well ID: Construction Use 1st: Use 2nd: Final Well Sta Water Type: Casing Mater Audit No: Tag: Constructn M Elevation (m) Elevatn Relia Depth to Bed Well Depth: Overburden/I Pump Rate: Static Water ( Clear/Cloudy Municipality: Site Info: PDF URL (Ma	Date: atus: rial: lethod: bilty: lrock: Bedrock: Level: ; ap):	7341999 Monitoring a Abandoned Z311292	and Test Hole -Other LOUCESTER TC	DWNSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession: Concession: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	Yes 07/23/2019 TRUE Yes 7421 7 OTTAWA-CARLETON 004 03 OF	
Additional De	etail(s) (Ma	<u>p)</u>					
Well Complet Year Comple Depth (m): Latitude: Longitude: Path:	ted Date: ted:	00 20 4! -7	6/21/2019 019 5.4458447189645 '5.518940475958	5 4			

Мар Кеу	Number o Records	of	<i>Direction/ Distance (m)</i>	Elev/Diff (m)	Site		DB
Bore Hole Info	ormation						
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Desc Open Hole: Cluster Kind: Date Complet Remarks: Loc Method D Elevrc Desc: Location Sou Improvement Improvement Source Revisi Supplier Com	s: c: ded: Desc: rce Date: Location So Location Me ion Commen ioment:	100765840 06/21/2019 ource: ethod: nt:	0 n Water Well Reco	rd	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 459418.00 5032611.00 UTM83 4 margin of error : 30 m - 100 m wwr	
<u>Method of Co</u> <u>Use</u> Method Const Method Const Method Const	nstruction & truction ID: truction Cod truction:	<u>Well</u> 1 <b>le:</b> B	008000349 3 Dther Method				
Other Method	Constructio	on: ⊢	IAND				
<u>Links</u>							
Bore Hole ID: Depth M: Year Complet Well Complete Audit No: Path:	ed: 2 ed Dt: (	100765840 2019 06/21/2019 Z311292	0		Tag No: Contractor: Latitude: Longitude: Y: X:	7421 45.4458447189645 -75.5189404759584 45.44584471185676 -75.51894031377437	
<u>10</u>	1 of 1		SE/156.7	87.9/-1.00	3636 Innes Rd Orleans ON		wwis
Well ID: Construction Use 1st: Use 2nd: Final Well Sta Water Type: Casing Materi Audit No: Tag: Constructn M Elevation (m): Elevatn Relial Depth to Bedi Well Depth: Overburden/E Pump Rate: Static Water L Clear/Cloudy: Municipality:	Date:	7343048 Monitoring Observation Z315217 A272506	n Wells GLOUCESTER TOV	VNSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	09/18/2019 TRUE 6964 7 OTTAWA-CARLETON	

PDF URL (Map):

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Additional De	tail(s) (Map)					
Well Complete Year Complete Depth (m): Latitude: Longitude: Path:	ed Date: ed:	08/28/2019 2019 3.6066984 45.4452036824972 -75.519369367009				
Bore Hole Info	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Dese Open Hole: Cluster Kind: Date Complete Remarks: Loc Method D Elevrc Desc: Loccation Sout	1007658 :: ed: 08/28/20 Desc: rce Date:	493 19 on Water Well Recor	rd	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 459384.00 5032540.00 UTM83 4 margin of error : 30 m - 100 m wwr	
Improvement Improvement Source Revisi Supplier Com	Location Source: Location Method: ion Comment: ment:					
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval					
Formation ID: Layer: Color: General Color Mat1: Most Common Mat2: Mat2 Desc: Mat3 Desc: Formation Top Formation End Formation End	r: n Material: p Depth: d Depth: d Depth UOM:	1008065867 1 6 BROWN 28 SAND 05 CLAY 85 SOFT 0.0 9.333000183105469 ft				
<u>Overburden a</u> <u>Materials Inte</u>	<u>nd Bedrock</u> <u>rval</u>					
Formation ID: Layer: Color: General Color Mat1: Most Commol Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Formation End	r: n Material: p Depth: d Depth: d Depth: d Depth UOM:	1008065868 2 2 GREY 15 LIMESTONE 85 SOFT 9.333000183105469 11.833000183105469 ft	9			

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Annular Space	ce/Abandonment rd				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1008066499 2 5.833000183105469 11.83300018310546 ft	) 59		
<u>Annular Spaces Sealing Reco</u>	<u>ce/Abandonment</u> ord				
Plug ID: Layer: Plug From: Plug To: Plug Depth U	ЮM:	1008066498 1 0.0 5.833000183105469 ft	)		
<u>Method of Co</u> <u>Use</u>	onstruction & Well				
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: d Construction:	1008067082 7 Diamond			
<u>Pipe Informa</u>	<u>tion</u>				
Pipe ID: Casing No: Comment: Alt Name:		1008065337 0			
<b>Construction</b>	Record - Casing				
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diamo Casing Diamo Casing Depth	Material: eter: eter UOM: n UOM:	1008067299 1 5 PLASTIC 0.0 6.833000183105469 2.039999961853027 Inch ft	) 73		
<b>Construction</b>	Record - Screen				
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mater Screen Diame Screen Diame	Depth: Depth: rial: n UOM: eter UOM: eter:	1008067568 1 10 6.833000183105469 11.83300018310546 5 ft inch 2.375	) 59		
<u>Results of We</u>	ell Yield Testing				
Pumping Tes Pump Test ID	t Method Desc: ):	1008067884			

Мар Кеу	Number Records	of S	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Pump Set At: Static Level: Final Level A: Recommende Pumping Rate Recommende Levels UOM: Rate UOM: Water State A Water State A Pumping Tes Pumping Dur Flowing:	fter Pumpin ed Pump Do e: : ed Pump Ra After Test C After Test: t Method: ation HR: ation MIN:	ng: epth: ate: rode:	ft GPM 0				
<u>Hole Diamete</u>	<u>er</u>						
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	IOM: er UOM:		1008066779 8.0 0.0 9.33300018310546 ft Inch	59			
Hole Diamete	<u>er</u>						
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	IOM: er UOM:		1008066780 3.70000004768371 9.33300018310546 11.8330001831054 ft Inch	16 59 469			
<u>Links</u>							
Bore Hole ID: Depth M: Year Complet Well Complet Audit No: Path:	ted: ted Dt:	1007658 3.606698 2019 08/28/20 Z315217	493 34 19		Tag No: Contractor: Latitude: Longitude: Y: X:	A272506 6964 45.4452036824972 -75.519369367009 45.44520367522944 -75.51936920443707	
<u>11</u>	1 of 1		ESE/181.5	88.6 / -0.28	3636 INNES ROAD OTTAWA ON		WWIS
Well ID: Construction Use 1st: Use 2nd: Final Well Sta Water Type: Casing Mater Audit No: Tag: Constructn M Elevation (m) Elevatn Relia Depth to Bed Well Depth: Overburden/H Pump Rate:	Date: atus: ial: iethod: : bilty: bilty: Bedrock:	7265307 Monitorir 0 Monitorir Z229832 A178468	ng and Test Hole		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83:	06/17/2016 TRUE 7241 7 OTTAWA-CARLETON	

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Static Water L Clear/Cloudy: Municipality: Site Info:	.evel:	GLOUCESTER TO	WNSHIP	Zone: UTM Reliability:		
PDF URL (Ma	p):					
Additional De	<u>tail(s) (Map)</u>					
Well Complet Year Complet Depth (m): Latitude: Longitude: Path:	ed Date: ed:	06/02/2016 2016 4.11 45.4455583177513 -75.518579802882				
Bore Hole Infe	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet	100606 :: c: ed: 06/02/2	4837 016		Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 459446.00 5032579.00 UTM83 4 margin of error : 30 m - 100 m	
Remarks: Loc Method E Elevrc Desc: Location Sour Improvement Improvement Source Revis Supplier Com	Desc: rce Date: Location Source: Location Method: ion Comment: ment: ment:	on Water Well Reco	rd	Location Method:	wwr	
Formation ID:		1006125314				
Layer: Color: General Coloi Mat1:	<i></i>	1 6 BROWN 02				
Most Commo Mat2: Mat2 Desc:	n Material:	TOPSOIL				
Mat3: Mat3 Desc: Formation To Formation En Formation En	p Depth: d Depth: d Depth UOM:	85 SOFT 0.0 0.310000002384185 m	58			
<u>Overburden a</u> <u>Materials Inte</u>	nd Bedrock rval					
Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2:	r: n Material:	1006125316 3 2 GREY 05 CLAY 06				

	Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
-	Mat2 Desc: Mat3: Mat3 Desc: Formation Top Formation Enc Formation Enc	) Depth: I Depth: I Depth UOM:	SILT 85 SOFT 1.220000286102299 4.110000133514404 m	5		
	<u>Overburden ar</u> Materials Inter	nd Bedrock val				
	Formation ID: Layer: Color: General Color: Mat1: Most Common Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Formation End Formation End	Material: Depth: Depth: Depth: Depth UOM:	1006125315 2 6 BROWN 05 CLAY 28 SAND 85 SOFT 0.3100000023841858 1.2200000286102295 m	3		
	<u>Annular Space</u> Sealing Record	e/Abandonment_ d				
	Plug ID: Layer: Plug From: Plug To: Plug Depth UC	DM:	1006125325 2 0.310000023841858 0.9100000262260437 m	3 7		
	<u>Annular Space</u> Sealing Record	Abandonment				
	Plug ID: Layer: Plug From: Plug To: Plug Depth UC	DM:	1006125326 3 0.9100000262260433 4.110000133514404 m	7		
	<u>Annular Space</u> <u>Sealing Record</u>	e/Abandonment_ d				
	Plug ID: Layer: Plug From: Plug To: Plug Depth UC	DM:	1006125324 1 0.0 0.310000023841858 m	3		
	<u>Method of Con</u> <u>Use</u>	struction & Well				
	Method Consti Method Consti Method Consti Other Method	ruction ID: ruction Code: ruction: Construction:	1006125323 5 Air Percussion			
	Pipe Information	<u>on</u>				

Мар Кеу	Number Record	r of s	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Pipe ID: Casing No: Comment: Alt Name:		10 0	006125313				
<b>Construction</b>	Record - C	Casing					
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diam Casing Diam Casing Depth	r Material: eter: eter UOM: h UOM:	10 1 5 Pl 0. 1. 4. cm m	006125319 _ASTIC 0 05999994277954 03000020980835 n	1			
<u>Construction</u>	Record - S	<u>Screen</u>					
Screen ID: Layer: Slot: Screen Top I Screen End I Screen Mater Screen Diam Screen Diam	Depth: Depth: rial: h UOM: eter UOM: eter:	10 1 1. 4. 5 m cn 4.	006125320 ) 05999994277954 110000133514404 n 82000017166137	1 4 7			
Water Details	5						
Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOI	10 <b>V/:</b> m	006125318				
<u>Hole Diamete</u>	<u>er</u>						
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	IOM: er UOM:	10 11 0. 4. m	006125317 1.43000030517578 0 110000133514404 n	31 4			
<u>Links</u>							
Bore Hole ID. Depth M: Year Comple Well Comple Audit No: Path:	: ted: ted Dt:	1006064837 4.11 2016 06/02/2016 Z229832 726\726530	7.pdf		Tag No: Contractor: Latitude: Longitude: Y: X:	A178468 7241 45.4455583177513 -75.518579802882 45.445558311221696 -75.51857964033171	
<u>12</u>	1 of 1		ESE/186.3	87.9/-1.00			wwis
Well ID: Construction	Date:	7392899			Flowing (Y/N): Flow Rate:		
36	erisinfo.co	om   Environ	mental Risk Info	rmation Service	es	Order No	): 24042300513

Map Key Number Records	of Direction/ s Distance (m)	Elev/Diff (m)	Site		DB
Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:	Z361191 GLOUCESTER TOW	NSHIP	Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	Yes 07/26/2021 TRUE Yes 7241 7 OTTAWA-CARLETON	
Bore Hole Information Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location S Improvement Location M Source Revision Common Supplier Comment:	1008718042 06/25/2021 on Water Well Record Source: Method: ent:	1	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 459442.00 5032562.00 UTM83 4 margin of error : 30 m - 100 m wwr	
Links Bore Hole ID: Depth M: Year Completed: Well Completed Dt: Audit No: Path: 13 1 of 4 Order No: Status:	1008718042 2021 06/25/2021 Z361191 <i>W/189.1</i> 22011900082 C	88.9 / 0.00	Tag No: Contractor: Latitude: Longitude: Y: X: 245/275 ave de lamarc Ottawa ON K1W 1H2 Nearest Intersection: Municipality:	7241 45.4454050710335 -75.5186295481806 45.445405064223756 -75.51862938543532	EHS
Report Type: Report Date: Date Received: Previous Site Name: Lot/Building Size: Additional Info Ordered:132 of 4	Custom Report 24-JAN-22 19-JAN-22 <i>W/189.1</i>	88.9 / 0.00	Client Prov/State: Search Radius (km): X: Y: 245/275 ave de lamarc Ottawa ON K1W 1H2	ON .25 -75.52307509 45.4463796	EHS

Map Key	Number Records	r of s	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional In	d: Name: Size: fo Ordered.	220119000 C Custom Re 24-JAN-22 19-JAN-22	82 port		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.52307509 45.4463796	
<u>13</u>	3 of 4		W/189.1	88.9 / 0.00	245/275 ave de lamarc Ottawa ON K1W 1H2	he	EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional In	d: Name: Size: fo Ordered.	220119000 C Custom Re 24-JAN-22 19-JAN-22	82 port		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.52307509 45.4463796	
<u>13</u>	4 of 4		W/189.1	88.9 / 0.00	245/275 ave de lamarc Ottawa ON K1W 1H2	he	EHS
Order No: Status: Report Type: Report Date: Date Receive Previous Site Lot/Building Additional In	d: Name: Size: fo Ordered.	220119000 C Custom Re 24-JAN-22 19-JAN-22	82 port		Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y:	ON .25 -75.52307509 45.4463796	
<u>14</u>	1 of 1		ENE/192.6	89.6 / 0.69	lot 4 con 3 ON		WWIS
Well ID: Construction Use 1st: Use 2nd: Final Well Sta Water Type: Casing Mater Audit No: Tag: Constructn M Elevation (m) Elevaton Relia Depth to Bed Well Depth: Overburden/J Pump Rate: Static Water Clear/Cloudy Municipality: Site Info:	Date: atus: rial: fethod: bilty: lrock: Bedrock: Level: ;	1501402 Domestic 0 Water Supp	bly GLOUCESTER TON	WNSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 01/22/1957 TRUE 1632 1 OTTAWA-CARLETON 004 03 OF	
PDF URL (Ma	np):	h	ttps://d2khazk8e83	Brdv.cloudfront.net	t/moe_mapping/downloads/2	Water/Wells_pdfs/150\1501402.pdf	

Additional Detail(s) (Map)

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Well Comple Year Comple Depth (m): Latitude: Longitude: Path:	ted Date: ted:	11/08/1956 1956 32.004 45.4472951801149 -75.5186622143755 150\1501402.pdf	i			
Bore Hole In	formation					
Bore Hole ID DP2BR: Spatial Statu Code OB: Code OB Des Open Hole: Cluster Kind Date Comple Remarks: Loc Method I Elevrc Desc: Location Sou Improvement Source Revis Supplier Con	: 100234 s: sc: ted: 11/08/1 Desc: trce Date: t Location Source: t Location Method: sion Comment: nment:	45 956 Original Pre1985 UT	⁻M Rel Code 4: r	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: margin of error : 30 m - 100	18 459440.80 5032772.00 4 margin of error : 30 m - 100 m p4 m	
<u>Overburden a</u> Materials Inte	and Bedrock erval					
Formation ID Layer: Color: General Colo Mat1: Most Commo Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation To Formation En	e: or: on Material: op Depth: nd Depth: nd Depth UOM:	930991753 1 15 LIMESTONE 0.0 105.0 ft				
<u>Method of Co Use</u>	onstruction & Well					
Method Cons Method Cons Method Cons Other Method	struction ID: struction Code: struction: d Construction:	961501402 1 Cable Tool				
<u>Pipe Informa</u>	<u>tion</u>					
Pipe ID: Casing No: Comment: Alt Name:		10572015 1				
<u>Construction</u>	Record - Casing					
Casing ID:		930039775				

Мар Кеу	Number Records	of	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Depth	Material: eter: eter UOM: i UOM:	2 2 0 1 2 iii f	2 4 DPEN HOLE 105.0 2.0 nch t				
<b>Construction</b>	Record - C	asing					
Casing ID: Layer: Material: Open Hole or Depth From: Depth To: Casing Diame Casing Depth	Material: eter: eter UOM: 1 UOM:	9 1 1 5 1 2 1 1 2 1 1 2 1 1 1 2 1 1 1 1 2 1	930039774 STEEL 12.0 2.0 nch t				
Results of We	ell Yield Tes	sting					
Pumping Tes Pump Test ID Pump Set At: Static Level: Final Level A Recommende Pumping Rate Recommende Levels UOM: Rate UOM: Water State A Water State A Pumping Tes Pumping Dur Flowing:	t Method De ter Pumpin ed Pump De e: ed Pump Ra After Test Co After Test: t Method: ation HR: ation MIN:	esc: F 9 19 19 19 10 10 10 10 10 10 10 10 10 10 10 10 10	PUMP 991501402 15.0 5.0 5.0 t GPM CLEAR I CLEAR I 0 30 No				
<u>Water Details</u> Water ID: Layer: Kind Code: Kind: Water Found Water Found	Depth: Depth UOM	9 1 1 F 1 <b>1</b> : 1	933454107  -  - FRESH  05.0 t				
l inks							
Bore Hole ID: Depth M: Year Complet Well Complet Audit No: Path:	ted: red Dt:	10023445 32.004 1956 11/08/1956 150\15014	S 02.pdf		Tag No: Contractor: Latitude: Longitude: Y: X:	1632 45.4472951801149 -75.5186622143755 45.447295172635926 -75.51866205160186	
<u>15</u>	1 of 1		WNW/198.2	88.9 / 0.00	GIBSON PATT 245 LAMARCH	ERSON IE AVENUE ON	RSC

Map Key	Number Records	of S	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
					Ottawa ON		
RSC No: RA No: Status: Filing Date:		226598 FILED			X: Y: Latitude:	-75.52249092400625 45.44639984012091 45.44639984 -75.52249092	
Date Ack: Date Returned Approval Date Cert Date: Cert Prop Use Curr Property Intended Prop Restoration Ty	l: s: Use: Use: ype:	April 20, 20	20		UTM Coordinates: Latitude Longitude: Accuracy Estimate: Measurement Method: Mailing Address: Telephone: Fax: Email:	10.022-10002	
Soil Type: Criteria: Stratified (Y/N Audit (Y/N): Entire Leg Pro	): )p.				Postal Code: Ministry District: MOE District: SWP Area Name: Qual Person Name:	K1C 1T1 Ottawa Rideau Valley TIM ROBERSTON	
(Y/N): CPU Issu Sect Business Nam Address: Legal Desc:	t 1686: ne:	G 2	BIBSON PATTERSO		Consultant:		
Site Pin: Asmt Roll No: Project Type: Approval Type Applicable Sta Pdf Link:	e: andards:	0 P R h	4404-1854 (LT), 04 OST2011 ISC based on Phas	404-1855 (LT) e One ESA nvironment.ene.go	ov.on.ca/AEWeb/ae/ViewDo	ocument.action?documentRefID=2	226598
16	1 of 3		NW/213.9	88.9 / 0.00	3604 Innes Road Orléans ON K1C 1T1		EHS
Order No: Status: Report Type: Report Date: Date Received Previous Site Lot/Building S Additional Info	l: Name: Size: o Ordered:	201812031 C RSC Repor 10-DEC-18 03-DEC-18	78 t (Urban) ire Insur. Maps and	/or Site Plans; City	Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: Directory; Aerial Photos	ON .3 -75.521937 45.447993	
<u>16</u>	2 of 3		NW/213.9	88.9 / 0.00	Halo Car Wash Inc. 3604 Innes Road Ottawa ON K0C 1T0		ECA
Approval No: Approval Date Status: Record Type: Link Source: SWP Area Nar Approval Type Project Type: Business Narr Address: Full Address: Full Address: Full PDF Link: PDF Site Loca	e: ne: ne: tion:	2354-BLCG 2020-02-04 Approved ECA IDS E IN H 3 3	2K8 CA-INDUSTRIAL S NDUSTRIAL SEWA Ialo Car Wash Inc. 604 Innes Road ttps://www.accesse	EWAGE WORKS GE WORKS nvironment.ene.go	MOE District: City: Longitude: Latitude: Geometry X: Geometry Y:	3B4P6A-14.pdf	

Мар Кеу	Number Records	of Direction/ bistance (m)	Elev/Diff (m)	Site		DB
<u>16</u>	3 of 3	NW/213.9	88.9 / 0.00	GLENVIEW HOMES (I. 3604 Innes RD Ottawa ON K1C 1T1	NNES) LTD.	EASR
Approval No: Status: Date: Record Type: Link Source: Project Type: Full Address: Approval Type SWP Area Nai PDF URL: PDF Site Loca	e: me: ation:	R-009-6161605354 REGISTERED February 4, 2022 EASR MOFA Water Taking - Construction EASR-Water Takin Rideau Valley http://www.accesse 3604 Innes Road	Dewatering Ig - Construction I environment.ene.ç	MOE District: Municipality: Latitude: Longitude: Geometry X: Geometry Y: Dewatering gov.on.ca/AEWeb/ae/ViewDoo	Ottawa Ottawa 45.44777778 -75.52194444 -8407064.3992999997 5692292.5612000003 cument.action?documentRefID=2	2568751
		Ottawa ON KTC 11				
<u>17</u>	1 of 1	WNW/217.7	88.9 / 0.00	3574 Innes Road Orléans ON K1C 1T1		EHS
Order No: Status: Report Type: Report Date: Date Received Previous Site Lot/Building S Additional Info	d: Name: Size: o Ordered:	20190621312 C Standard Report 28-JUN-19 21-JUN-19 Fire Insur. Maps ar	nd/or Site Plans; T	Nearest Intersection: Municipality: Client Prov/State: Search Radius (km): X: Y: Title Searches; City Directory;	TN .25 -75.522932 45.447415 Aerial Photos	
<u>18</u>	1 of 1	NW/220.9	88.9 / 0.00	3604 innes road lot 4 Ottawa ON	con 3	WWIS
Well ID: Construction Use 1st: Uso 2nd:	Date:	7347161 Not Used		Flowing (Y/N): Flow Rate: Data Entry Status: Data Stor:		
Final Well Sta Water Type: Casing Materi Audit No:	tus: ial:	Abandoned-Other Z321107		Data Src. Date Received: Selected Flag: Abandonment Rec: Contractor:	11/15/2019 TRUE Yes 7417	
Tag: Constructn M Elevation (m): Elevatn Reliat Depth to Bedr Well Depth: Overburden/B Pump Rate: Static Water L	lethod: : bilty: rock: Bedrock: .evel:			Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	7 OTTAWA-CARLETON 004 03 OF	
Clear/Cloudy: Municipality: Site Info:		GLOUCESTER TO	WNSHIP	UTM Reliability:		
PDF URL (Maj	p):	https://d2khazk8e8	3rdv.cloudfront.ne	et/moe_mapping/downloads/2	Water/Wells_pdfs/734\7347161.	pdf
Additional De	<u>tail(s) (Map</u>	<u>)</u>				
Well Complete Year Complete Depth (m): Latitude: Longitude:	ed Date: ed:	10/28/2019 2019 45.4480361177218 -75.521991315545	3 4			
42	erisinfo.co	m   Environmental Risk Inf	ormation Servic	es	Order No: 24	4042300513

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Path:		734\7347161.pdf				
<u>Bore Hole In</u>	formation					
Bore Hole ID DP2BR: Spatial Statu	: 100771 s:	3292		Elevation: Elevrc: Zone:	18	
Code OB: Code OB De Open Hole:	sc:			East83: North83: Org CS:	459181.00 5032856.00 UTM83	
Cluster Kind Date Comple Remarks:	: • <b>ted</b> : 10/28/2	019		UTMRC: UTMRC Desc: Location Method:	4 margin of error : 30 m - 100 m wwr	
Loc Method Elevrc Desc: Location Sou Improvemen Improvemen Source Revis Supplier Cor	Desc: urce Date: t Location Source: t Location Method: sion Comment: nment:	on Water Well Reco	rd			
<u>Annular Spa</u> <u>Sealing Reco</u>	<u>ce/Abandonment</u> ord					
Plug ID: Layer: Plug From: Plug To: Plug Depth U	IOM:	1008258863 1 0.0 24.3400001525878 ft	9			
<u>Pipe Informa</u>	<u>tion</u>					
Pipe ID: Casing No: Comment: Alt Name:		1008257973 0				
<u>Constructior</u>	<u>n Record - Casing</u>					
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Dept	r Material: eter: eter UOM: h UOM:	1008259549 1 1 STEEL 2.0 6.09999990463256 15.4799995422363 Inch ft	8 28			
<u>Construction</u>	n Record - Casing					
Casing ID: Layer: Material: Open Hole o Depth From: Depth To: Casing Diam Casing Diam Casing Dept	r Material: eter: eter UOM: h UOM:	1008259550 2 4 OPEN HOLE 6.09999990463256 24.3400001525878 15.3199996948242 Inch ft	8 9 19			

Мар Кеу	Number Records	r of S	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Results of We	ell Yield Te	sting					
Pumping Tes Pump Test ID Pump Set At: Static Level: Final Level A	t Method D ): fter Pumpin	ng:	1008259881				
Recommende Pumping Rate Flowing Rate Recommende Levels UOM: Rate UOM: Water State A Water State A Pumping Tes Pumping Dur Flowing:	ed Pump Da e: : ed Pump Ra After Test C After Test: at Method: ration HR: ration MIN:	epth: ate: code:	ft GPM 0				
Hole Diamete	<u>er</u>						
Hole ID: Diameter: Depth From: Depth To: Hole Depth U Hole Diamete	IOM: er UOM:		1008259307 15.319999694824 0.0 24.340000152587 ft Inch	219 89			
<u>Links</u>							
Bore Hole ID: Depth M: Year Complet Well Complet Audit No: Path:	ted: ted Dt:	1007713 2019 10/28/20 Z321107 734\734	292 19 7161.pdf		Tag No: Contractor: Latitude: Longitude: Y: X:	7417 45.4480361177218 -75.5219913155454 45.44803611123872 -75.52199115387644	
<u>19</u>	1 of 1		ENE/238.5	89.9 / 1.00	lot 4 con 3 ON		wwis
Well ID: Construction Use 1st: Use 2nd: Final Well Sta Water Type: Casing Mater. Audit No: Tag: Constructn M Elevation (m) Elevatin Relia Depth to Bedi Well Depth: Overburden/E Pump Rate: Static Water I Clear/Cloudy: Municipality: Site Info:	Date: atus: ial: iethod: bilty: bilty: lrock: Bedrock: Level: :	1501409 Domesti 0 Water Si	GLOUCESTER TO	OWNSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 12/14/1966 TRUE 1801 1 OTTAWA-CARLETON 004 03 OF	
PDF URL (Ma	ıр):		https://d2khazk8e	83rdv.cloudfront.n	et/moe_mapping/downloads	/2Water/Wells_pdfs/150\1501409.j	pdf

erisinfo.com | Environmental Risk Information Services

Map Key	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site		DB
Additional De	tail(s) (Map)					
Well Complet Year Complet Depth (m): Latitude: Longitude: Path:	ed Date: 'ed:	12/07/1966 1966 9.144 45.4475672369795 -75.5182171330062 150\1501409.pdf				
Bore Hole Infe	ormation					
Bore Hole ID: DP2BR: Spatial Status Code OB: Code OB Des Open Hole: Cluster Kind: Date Complet Remarks: Loc Method D	100234: c: red: 12/07/19 Desc:	52 966 Original Pre1985 UT	M Rel Code 5: r	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method: nargin of error : 100 m - 300	18 459475.80 5032802.00 5 margin of error : 100 m - 300 m p5 m	
Elevrc Desc: Location Sou Improvement Improvement Source Revis Supplier Com	rce Date: Location Source: Location Method: ion Comment: ment: nd Bedrock					
Materials Inte Formation ID: Layer: Color: General Color Mat1: Most Commo Mat2: Mat2 Desc: Mat3 Desc: Formation To Formation En Formation En	<u>rval</u> r: n Material: p Depth: d Depth: d Depth UOM:	930991764 1 15 LIMESTONE 0.0 30.0 ft				
<u>Method of Co</u> <u>Use</u>	nstruction & Well					
Method Cons Method Cons Method Cons Other Method	truction ID: truction Code: truction: I Construction:	961501409 7 Diamond				
<u>Pipe Informat</u>	ion					
Pipe ID: Casing No: Comment: Alt Name:		10572022 1				

Мар Кеу	Number of Records	Direction/ Distance (m)	Elev/Diff (m)	Site	DB
Construction	n Record - Casing				
Casing ID:		930039789			
Layer:		2			
Material:		4			
Open Hole o	r Material:	OPEN HOLE			
Depth From					
Depth To:		30.0			
Casing Diam	neter:	2.0			
Casing Diam	neter UOM:	inch			
Casing Dept	h UOM:	ft			
<u>Construction</u>	n Record - Casing				
Casing ID:		930039788			
Layer:		1			
Material:		1			
Open Hole o	r Material:	STEEL			
Depth From:	·				
Depth To:		8.0			

Casing Diameter:	2.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991501409
Pump Set At:	
Static Level:	4.0
Final Level After Pumping:	20.0
Recommended Pump Depth:	26.0
Pumping Rate:	7.0
Flowing Rate:	
Recommended Pump Rate:	7.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

# Water Details

	000454440
water ID:	933454116
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	30.0
Water Found Depth UOM:	ft

# <u>Links</u>

Bore Hole ID:	10023452	Tag No:	
Depth M:	9.144	Contractor:	1801
Year Completed:	1966	Latitude:	45.4475672369795
Well Completed Dt:	12/07/1966	Longitude:	-75.5182171330062
Audit No:		Y:	45.44756722999024
Path:	150\1501409.pdf	X:	-75.51821697063934

Map Key	Numbo Record	er of ds	<i>Direction/ Distance (m)</i>	Elev/Diff (m)	Site		DB
20 1 of 1	1 of 1		ENE/238.6	89.9 / 1.00	ON		BORE
Rorehole ID		615224			Inclin El G:	No	
OGEID		215516166	6		SP Status:	Initial Entry	
Status:		21001010	0		Surv Elev:	No	
Type <sup>.</sup>		Borehole			Piezometer:	No	
Use:		Dereneie			Primary Name		
Completion	Date:	DEC-1966			Municipality:		
Static Water	' Level	10.2			Lot:		
Primary Wat	ter Use				Township:		
Sec. Water I	lse:				l atitude DD:	45,447569	
Total Depth	m:	9.1			Longitude DD:	-75.518218	
Depth Ref:		Ground Su	urface		UTM Zone:	18	
Depth Elev:					Easting:	459476	
Drill Method	l:				Northing:	5032802	
Oria Ground	Elev m:	91.4			Location Accuracy:		
Elev Reliabi	I Note:	• • • •			Accuracy:	Not Applicable	
DEM Ground	d Elev m:	90.5					
Concession	:						
Location D:	-						

#### Borehole Geology Stratum

Survey D: Comments:

Geology Stratum ID:	218400865	Mat Consistency:
Top Depth:	0	Material Moisture:
Bottom Depth:	9.1	Material Texture:
Material Color:	White	Non Geo Mat Type:
Material 1:	Limestone	Geologic Formation:
Material 2:		Geologic Group:
Material 3:		Geologic Period:
Material 4:		Depositional Gen:
Gsc Material Description	on:	·
Stratum Description:	LIMESTO	E. GRAVEL. BEDROCK. WHITE. 00060 BEDROCK. 10DROCK. BEDROCK. BEDRO **Note: Man

#### y records provided by the department have a truncated [Stratum Description] field.

#### Source

Source Type: Source Orig: Source Date: Confidence: Observatio: Source Name: Source Details: Confiden 1:

Source List

Data Survey Geological Survey of Canada 1956-1972 Urban Geology Automated Information System (UGAIS) File: OTTAWA2.txt RecordID: 07732 NTS\_Sheet:

Source Appl: Source Iden: Scale or Res: Horizontal: Verticalda:

Spatial/Tabular 1 Varies NAD27 Mean Average Sea Level

NAD27 Mean Average Sea Level Universal Transverse Mercator

Source Identifier: Source Type: Source Date: Scale or Resolution: Source Name:

Source Originators:

1 Data Survey 1956-1972 Varies

Horizontal Datum: Vertical Datum: **Projection Name:** 

Urban Geology Automated Information System (UGAIS) Geological Survey of Canada

# Unplottable Summary

# Total: 86 Unplottable sites

DB	Company Name/Site Name	Address	City	Postal
СА	City of Ottawa	150 m south of Innes Road to 270 m south of Innes Road	Ottawa ON	
CA	Urbandale Corporation	150 m south of Innes Road to 270 m south of Innes Road	Ottawa ON	
СА	Page Road Pond No. 1	Pt. of Lot 5, Concession 3 O.F., Plan 4R-7806	Gloucester ON	
CA	THE DOUGLAS MACDONALD DEVELOP.CORP.	INNES RD.	GLOUCESTER CITY ON	
CA	THE DOUGLAS MACDONALD DEVELOP.CORP.	INNES RD.	GLOUCESTER CITY ON	
СА	KLAUS MORITZ	INNES RD.	GLOUCESTER CITY ON	
СА	KLAUS MORITZ	INNES RD.	GLOUCESTER CITY ON	
CA	REG. MUN. OF OTTAWA- CARLETON	INNES RD.	GLOUCESTER CITY ON	
CA	R.C. EPISCOPAL CORP. OF OTTAWA	INNES RD., BLK. 43, (SWM)	CUMBERLAND TWP. ON	
CA	REDEEMER ALLIANCE CHURCH	INNES RD., BLOCK 105 (SWM)	CUMBERLAND TWP. ON	
CA	DOMICILE DEVELOPMENTS INC. IN TRUST	PRIVATE STREET #1/INNES ROAD	GLOUCESTER CITY ON	
ĊA	A.J. ROBINSON & ASSOC.INC. BRAM GROUP	INNES ROAD	CUMBERLAND TWP. ON	
CA	R.M. OF OTTAWA-CARLETON,	INNES RD. TRANSPORTATION DEPT.	GLOUCESTER CITY ON	
CA	LIFE CENTRE - STORMWATER MANAGEMENT FAC.	INNES ROAD/MUD CREEK	GLOUCESTER CITY ON	
CA	LIFE CENTRE - LIFE CENTRE CHURCH	INNES ROAD	GLOUCESTER CITY ON	
CA	DOMICILE DEVELOPMENTS INC. IN TRUST	PRIVATE STREET INNES ROAD	GLOUCESTER CITY ON	
CA	R.M. OF OTTAWA-CARLETON	INNES RD. NORTH SIDE	GLOUCESTER CITY ON	

CA	A.J. ROBINSON & ASSOC.INC. BRAM GROUP	INNES ROAD	CUMBERLAND TWP. ON	
CA	Rideau Forest Development Ltd.	Part of Lot 5, Concession 3, Geographic Township of Osgoode	Ottawa ON	
СА	R.M. OF OTTAWA-CARLETON	INNES ROAD	GLOUCESTER CITY ON	
CA	R. M. OF OTTAWA-CARLETON	INNES RD. SEWAGE PUMPING STAT.	GLOUCESTER CITY ON	
ECA	Waste Management of Canada Corporation	Lot 5, 2 and 3 concession	Ottawa ON I	K0A 1L0
GEN	Glenview Homes (Innes) Ltd	0 Innes Road	Ottawa ON I	K1C 1T1
RSC	GIBSON PATTERSON	275 LAMARCHE AVENUE ON	Ottawa ON	
SPL	UNKNOWN	GREEN CREEK @ INNES RD.	GLOUCESTER CITY ON	
SPL	Purolator Courier	Eastbound Lanes just east of Innes Rd	Ottawa ON	
WWIS		lot 5	ON	
WWIS		lot 5	ON	
WWIS		lot 5	ON	
WWIS		lot 4	ON	
WWIS		lot 4	ON	
WWIS		lot 4	ON	
WWIS		lot 5	ON	
WWIS		lot 5	ON	
WWIS		lot 4	ON	
WWIS		lot 4	ON	
WWIS		lot 4	ON	
WWIS		lot 5	ON	
WWIS		lot 5	ON	
WWIS		lot 5	ON	

WWIS	lot 5	ON
WWIS	lot 5	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 5	ON
WWIS	lot 4	ON
WWIS	lot 5	ON
WWIS	lot 5	ON
WWIS	lot 5	ON
WWIS	lot 4	ON
WWIS	lot 5	ON
WWIS	lot 4	ON
WWIS	lot 5	ON
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WWIS	lot 4	ON

WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 5	ON
WWIS	lot 5	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 5	ON
WWIS	lot 5	ON
WWIS	lot 4	ON
WWIS	lot 5	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 4	ON
WWIS	lot 48	ON
WWIS	lot 5	ON
WWIS	lot 4	ON

# **Unplottable Report**

## <u>Site:</u> City of Ottawa 150 m south of Innes Road to 270 m south of Innes Road Ottawa ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 4959-6K3J3C 2005 12/15/2005 Municipal and Private Sewage Works Approved

#### <u>Site:</u> Urbandale Corporation 150 m south of Innes Road to 270 m south of Innes Road Ottawa ON

3868-6SGSQG

2006

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

8/17/2006 Municipal and Private Sewage Works Approved

# <u>Site:</u> Page Road Pond No. 1 Pt. of Lot 5, Concession 3 O.F., Plan 4R-7806 Gloucester ON

Certificate #:	3330-4SUM4R
Application Year:	01
Issue Date:	3/7/01
Approval Type:	Municipal & Private sewage
Status:	Approved
Application Type:	New Certificate of Approval
Client Name:	Corporation of the City of Ottawa
Client Address:	1595, Telesat Court
Client City:	Gloucester
Client Postal Code:	K1G 3V5
Project Description:	This application is for the construction of a storm water management facility (Page Road Pond No. 1) designed for storm water quality and peak flow control serving the East Urba Community.
Contaminants:	
Emission Control:	

#### <u>Site:</u> THE DOUGLAS MACDONALD DEVELOP.CORP. INNES RD. GLOUCESTER CITY ON

Database: CA

Certificate	#:
50	

3-1487-85-006

# erisinfo.com | Environmental Risk Information Services

Database:

Database: CA

Database: CA

Order No: 24042300513

Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 85 12/23/85 Municipal sewage Approved

#### <u>Site:</u> THE DOUGLAS MACDONALD DEVELOP.CORP. INNES RD. GLOUCESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7-1125-85-006 85 12/23/85 Municipal water Approved

#### <u>Site:</u> KLAUS MORITZ INNES RD. GLOUCESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-0583-85-006 85 6/7/85 Municipal sewage Approved

#### <u>Site:</u> KLAUS MORITZ INNES RD. GLOUCESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7-0394-85-006 85 5/30/85 Municipal water Approved Database: CA

Database: CA

#### Database: CA

#### **REG. MUN. OF OTTAWA-CARLETON** Site: INNES RD. GLOUCESTER CITY ON

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

7-0153-85-006 85 3/21/85 Municipal water Approved

#### R.C. EPISCOPAL CORP. OF OTTAWA Site: INNES RD., BLK. 43, (SWM) CUMBERLAND TWP. ON

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

3-1532-97-97 11/7/1997 Municipal sewage Approved

#### **REDEEMER ALLIANCE CHURCH** Site: INNES RD., BLOCK 105 (SWM) CUMBERLAND TWP. ON

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

3-1330-96-96 11/22/1996 Municipal sewage Approved

#### <u>Site:</u> DOMICILE DEVELOPMENTS INC. IN TRUST PRIVATE STREET #1/INNES ROAD GLOUCESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: **Client City: Client Postal Code:**  7-0032-90-90 2/1/1990 Municipal water Approved

55

Database: CA

Database: CA



Order No: 24042300513

### <u>Site:</u> A.J. ROBINSON & ASSOC.INC.BRAM GROUP INNES ROAD CUMBERLAND TWP. ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7-1075-88-88 7/15/1988 Municipal water Approved

## <u>Site:</u> R.M. OF OTTAWA-CARLETON, INNES RD. TRANSPORTATION DEPT. GLOUCESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 7-0814-88-88 6/28/1988 Municipal water Approved

#### <u>Site:</u> LIFE CENTRE - STORMWATER MANAGEMENT FAC. INNES ROAD/MUD CREEK GLOUCESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-0803-91-91 9/25/1991 Municipal sewage Approved

## <u>Site:</u> LIFE CENTRE - LIFE CENTRE CHURCH INNES ROAD GLOUCESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: 3-0926-91-91 7/3/1991 Municipal sewage Approved



Database:

Database:

Database: CA



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

#### <u>Site:</u> DOMICILE DEVELOPMENTS INC. IN TRUST PRIVATE STREET INNES ROAD GLOUCESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-0047-90-90 2/16/1990 Municipal sewage Approved

### <u>Site:</u> R.M. OF OTTAWA-CARLETON INNES RD. NORTH SIDE GLOUCESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-2060-88-88 10/30/1988 Municipal sewage Approved

#### <u>Site:</u> A.J. ROBINSON & ASSOC.INC. BRAM GROUP INNES ROAD CUMBERLAND TWP. ON

Rideau Forest Development Ltd.

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-1241-88-88 7/15/1988 Municipal sewage Approved Database:

Database:

CA

Database:

Part of Lot 5, Concession 3, Geographic Township of Osgoode Ottawa ON

Database:

57

Site:

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 9805-6HWMA9 2005 11/16/2005 Municipal and Private Sewage Works Approved

#### <u>Site:</u> R.M. OF OTTAWA-CARLETON INNES ROAD GLOUCESTER CITY ON

Certificate #: Application Year: Issue Date: Approval Type: Status: Application Type: Client Name: Client Address: Client City: Client Postal Code: Project Description: Contaminants: Emission Control: 3-0734-88-88 5/13/1988 Municipal sewage Approved

## <u>Site:</u> R. M. OF OTTAWA-CARLETON INNES RD. SEWAGE PUMPING STAT. GLOUCESTER CITY ON

Waste Management of Canada Corporation

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

Site:

3-0358-86-86 8/22/1986 Municipal sewage Approved

Lot 5, 2 and 3 concession Ottawa ON K0A 1L0				
Approval No:	7953-CFDMRG	MOE District:	Ottawa	
Approval Date:	August 10, 2022	City:		
Status:	Approved	Longitude:		
Record Type:	ECA	Latitude:		
Link Source:	IDS	Geometry X:	-8468784.9962000009	
SWP Area Name:	Mississippi Valley	Geometry Y:	5667824.9619999966	
Approval Type:	ECA-MUNICIPAL AND	PRIVATE SEWAGE WORKS		
Project Type:	MUNICIPAL AND PRIV	ATE SEWAGE WORKS		
Business Name:	Waste Management of C	Canada Corporation		
Address:	Lot 5, 2 and 3 concession	n		
Full Address:				
Full PDF Link:	https://www.accessenvir	ronment.ene.gov.on.ca/instruments/2	2684-CEYHTR-14.pdf	
PDF Site Location:	Carp Road Modifications	S		
	City of Ottawa, Ontario			

Database: CA

> Database: CA

> Database:

#### Glenview Homes (Innes) Ltd Site: 0 Innes Road Ottawa ON K1C 1T1

Generator No:	ON5672370
SIC Code:	
SIC Description:	
Approval Years:	As of Oct 2019
PO Box No:	
Country:	Canada
Status:	Registered
Co Admin:	
Choice of Contact:	
Phone No Admin:	
Contaminated Facility: MHSW Facility:	

## Detail(s)

Waste Class:	221 L
Waste Class Name:	Light fuels

#### Site: **GIBSON PATTERSON** 275 LAMARCHE AVENUE ON Ottawa ON RSC No: 226598 -75.52249092400625 Х: RA No: Y: 45.44639984012091 Latitude: FILED Status: 45.44639984 Filing Date: Longitude: -75.52249092 Date Ack: UTM Coordinates: Date Returned: Latitude Longitude: April 20, 2020 Accuracy Estimate: Approval Date: Cert Date: Measurement Method: Mailing Address: Cert Prop Use No: Curr Property Use: Telephone: Intended Prop Use: Fax: Restoration Type: Email: Soil Type: Postal Code: K1C 1T1 Ministry District: Criteria: Stratified (Y/N): **MOE** District: Ottawa SWP Area Name: **Rideau Valley** Audit (Y/N): TIM ROBERSTON Entire Leg Prop. Qual Person Name: (Y/N): CPU Issu Sect 1686: Consultant: **Business Name: GIBSON PATTERSON** 275 LAMARCHE AVENUE ON Address: Legal Desc: Site Pin: 04404-1854 (LT), 04404-1855 (LT) Asmt Roll No: Project Type:

POST2011 RSC based on Phase One ESA Approval Type: Applicable Standards: https://www.accessenvironment.ene.gov.on.ca/AEWeb/ae/ViewDocument.action?documentRefID=226598

#### Site: UNKNOWN GREEN CREEK @ INNES RD. GLOUCESTER CITY ON

Ref No: 133852 Year: Incident Dt: Dt MOE Arvl on Scn: MOE Reported Dt: **Dt Document Closed:** Site No: MOE Response: Site County/District:

11/4/1996 11/4/1996 Municipality No: Nature of Damage: Discharger Report: Material Group: Health/Env Conseq: Agency Involved:

20105

59

Pdf Link:

Database: GEN

Database:

RSC

Database: SPL

Site Geo Ref Meth:	
Site District Office:	
Nearest Watercourse:	
Site Name:	
Site Address:	
Sile Region:	
Site Municipality:	GLOUCESTER GITT
Site Conor	
Site Conc.	
Site Geo Rei Accu:	
Sile Map Dalum.	
Norunny. Easting:	
Easung. Incident Cause:	
Incident Gause.	UNKNOWN
Environment Impact	POSSIBI F
Nature of Impact:	Water course or lake
Contaminant Qtv:	
System Facility Address	
Client Name:	
Client Type:	
Source Type:	
Contaminant Code:	
Contaminant Name:	
Contaminant Limit 1:	
Contam Limit Freg 1:	
Contaminant UN No 1:	
Receiving Medium:	WATER
Incident Reason:	UNKNOWN
Incident Summary:	UNKNOWN SOURCE OF UNK QUANTITY OF UNK OIL IN CREEK
Activity Preceding Spill:	
Property 2nd Watershed:	
Property Tertiary Watershed:	
Sector Type:	
SAC Action Class:	
Call Report Locatn Geodata:	

<u>Site:</u>	Purolator Couri Eastbound Lane	er es just eas	st of Innes Rd Ottawa ON	
Ref No: Year:		3071-98N	IH3R	<i>Municipality No:</i> Nature of Damage:
Inciden Dt MOE	t Dt: Arvl on Scn:	14-JUN-1	3	Discharger Report: Material Group:
MOE Re Dt Docu Sito No	eported Dt: Iment Closed:	14-JUN-1	3	Health/Env Conseq: Agency Involved:
MOE Re Site Co	esponse: unty/District:		No Field Response	
Site Dis Nearest	trict Office: Watercourse:			
Site Na Site Ad	me: dress:		County Road 174 <unofficial> Eastbound Lanes just east of Innes Rd</unofficial>	
Site Re Site Mu	gion: nicipality: 		Ottawa	
Site Co Site Ge	 nc: o Ref Accu:			
Site Ma Northin	p Datum: g:			
Easting Inciden Inciden	: t Cause: t Event:		Collision/Accident	
Environ Nature Contam System	iment Impact: of Impact: iinant Qty: Facility Address	:	Not Anticipated Soil Contamination 12 L	

Database: SPL

Client Name:
Client Type:
Source Type:
Contaminant Code:
Contaminant Name:
Contaminant Limit 1:
Contam Limit Freq 1:
Contaminant UN No 1:
Receiving Medium:
Incident Reason:
Incident Summary:
Activity Preceding Spill:
Property 2nd Watershed:
Property Tertiary Watershed:
Sector Type:
SAC Action Class:
Call Report Locatn Geodata:

## **Purolator Courier**

13 DIESEL FUEL

Operator/Human Error Purolator TT Roll-over on Queensway - 12 L's of dsl to ditch

Truck - Transport/Hauling Highway Spills (usually highway accidents)

<u>Site:</u> lot 5 ON				Database: WWIS
Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevation (m): Elevation (m): Elevation Reliability: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:	1500377 Domestic 0 Water Supply OTTAWA CITY (GLOUCESTER)	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 02/26/1948 TRUE 1107 1 OTTAWA-CARLETON 005 JG	
Bore Hole Information				
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location S Improvement Location M Source Revision Comme Supplier Comment:	10022422 07/24/1947 Not Applicable i.e. no UTM	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 9 unknown UTM na	
Overburden and Bedroc Materials Interval	<u>k</u>			
Formation ID: Layer: Color:	930989112 1 2			

General Color:	GREY
Mat1:	09
Most Common Material:	MEDIUM SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	0.0
Formation Top Depth:	0.0
Formation End Depth:	15.0 #
Pormation End Depth COM:	n
Overburden and Bedrock	
Materials Interval	
Formation ID:	930989114
Layer:	3
Color:	2
General Color:	GREY
Mat1:	19 CLATE
Most Common Material:	SLATE
Mat2: Mat2 Dece	
Matz Desc: Matz:	
Mats. Mats Desc	
Formation Top Depth:	28.0
Formation End Depth:	89.0
Formation End Depth UOM:	ft
Overburden and Bedrock	
<u>Materials Interval</u>	
	000000440
Formation ID:	930989113
Layer:	2
Color:	
General Color:	11
Watt: Most Common Motorial:	
Most Common Material. Mat2:	ONAVEL
Mat2. Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15.0
Formation End Depth:	28.0
Formation End Depth UOM:	ft
Method of Construction & Well	
<u>Use</u>	
Method Construction ID:	961500377
Method Construction ID. Method Construction Code:	1
Method Construction Code.	, Cable Tool
Other Method Construction:	
Pipe Information	
Pipe ID:	10570992
Casing No:	1
Comment:	
Alt Name:	
Construction Record - Casing	
eucline	
Casing ID:	930037778
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE

Depth From:	
Depth To:	89.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Construction Record - Casing

Casing ID:	930037777
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	28.0
Casing Diameter:	4.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991500377
Pump Set At:	
Static Level:	12.0
Final Level After Pumping:	24.0
Recommended Pump Depth:	
Pumping Rate:	8.0
Flowing Rate:	
Recommended Pump Rate:	8.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	0
Pumping Duration MIN:	30
Flowing:	No

## Water Details

Water ID:	933452894
Layer:	1
Kind Code:	4
Kind:	MINERIAL
Water Found Depth:	89.0
Water Found Depth UOM:	ft

# <u>Site:</u>

lot 5 ON

## Database: WWIS

Well ID: Construction Date:	7417854	Flowing (Y/N): Flow Rate:	
Use 1st:		Data Entry Status:	Yes
Use 2nd:		Data Src:	
Final Well Status:		Date Received:	05/19/2022
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	C54377	Contractor:	7328
Tag:	A299948	Form Version:	8
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	JG
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy: Municipality: Site Info:

#### UTM Reliability:

#### **Bore Hole Information**

Bore Hole ID: 1009043836 DP2BR: Spatial Status: Code OB: Code OB Desc: **Open Hole:** Cluster Kind: Date Completed: 04/08/2022 Remarks: Loc Method Desc: on Water Well Record Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

## Site:

Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:

18 447888.00 5031583.00 UTM83 4 margin of error : 30 m - 100 m wwr

Database:

**WWIS** 

lot 5 ON

Well ID: Construction Date: Use 1st: Use 2nd:	1520156 Domestic	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src:	1
Final Well Status: Water Type: Casing Material: Audit No:	Water Supply	Date Received: Selected Flag: Abandonment Rec: Contractor:	11/07/1985 TRUE 2351
Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy:		Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 OTTAWA-CARLETON 005
<i>Municipality: Site Info:</i>	CUMBERLAND TOWNSHIP		

## Bore Hole Information

Bore Hole ID:	10042001	Elevation:	
Drzbn. Snatial Status:		Zone:	18
Code OB:		East83	10
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/24/1985	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date	:		
Improvement Location	n Source:		

#### **Overburden and Bedrock**

Improvement Location Method: Source Revision Comment: Supplier Comment:

#### Materials Interval

Formation ID:	931043899
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	8.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	931043900 2 3 BLUE 05 CLAY
Formation Top Depth:	8.0
Formation End Depth:	57.0
Formation End Depth UOM	ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931043901 3 8 BLACK 11 GRAVEL
Mats Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	57.0 63.0 ft

# Overburden and Bedrock Materials Interval

021042002
93104390Z
4
8
BLACK
17
SHALE
63.0
64.0
ft

#### Method of Construction & Well Use

Method Construction ID:	961520156
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

## Pipe Information

Pipe ID:	10590571
Casing No:	1
Comment:	
Alt Name:	

## Construction Record - Casing

Casing ID:	930073320
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	63.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991520156
Pump Set At:	
Static Level:	23.0
Final Level After Pumping:	51.0
Recommended Pump Depth:	60.0
Pumping Rate:	7.0
Flowing Rate:	
Recommended Pump Rate:	6.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

# Draw Down & Recovery

Pump Test Detail ID:	934655547
Test Type:	Draw Down
Test Duration:	45
Test Level:	51.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934904936
Test Type:	Draw Down
Test Duration:	60
Test Level:	51.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934111395
Test Type:	Draw Down
Test Duration:	15
Test Level:	48.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934376796
Test Type:	Draw Down
Test Duration:	30
Test Level:	51.0
Test Level UOM:	ft

#### Water Details

Water ID:	933477331
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	64.0
Water Found Depth UOM:	ft

#### Site:

lot 4 ON

IOT 4 ON			
Well ID:	1534093	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	09/09/2003
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	249120	Contractor:	1517
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	004
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP	2	
Site Info:			

## Bore Hole Information

Bore Hole ID:	10543208	Elevation: Elevro:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	07/09/2003	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			

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

Order No: 24042300513

Database: WWIS

#### Overburden and Bedrock Materials Interval

Formation ID:	932925032
Layer:	1
Color:	
General Color:	
Mat1:	00
Most Common Material:	UNKNOWN TYPE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	65.0
Formation End Depth UOM:	ft

# Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2: Mat2:	932925033 2 GREY 15 LIMESTONE 26 POCK
Mat2 Desc: Mat3: Mat3 Desc:	ROCK
Formation Top Depth: Formation End Depth: Formation End Depth UOM:	65.0 210.0 ft

#### Overburden and Bedrock Materials Interval

Formation ID:	932925034
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	26
Mat2 Desc. Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	210.0 250.0 ft

#### Method of Construction & Well Use

Method Construction ID:	961534093
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

# Pipe Information

Pipe ID:	11091778
Casing No:	1
Comment:	
Alt Name:	

# Construction Record - Casing

Casing ID:	930098255
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991534093
Pump Set At:	
Static Level:	110.0
Final Level After Pumping:	160.0
Recommended Pump Depth:	240.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

# Draw Down & Recovery

Pump Test Detail ID:	934397236
Test Type:	Draw Down
Test Duration:	30
Test Level:	130.0
Test Level UOM:	ft

## Draw Down & Recovery

Pump Test Detail ID:	934113622
Test Type:	Draw Down
Test Duration:	15
Test Level:	120.0
Test Level UOM:	ft

## Draw Down & Recovery

Pump Test Detail ID:	934657196
Test Type:	Draw Down
Test Duration:	45
Test Level:	145.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934914643
Test Type:	Draw Down
Test Duration:	60
Test Level:	160.0
Test Level UOM:	ft

# Water Details

Water ID:	934037012
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	245.0
Water Found Depth UOM:	ft

# Site:

lot 4 ON

Database: WWIS

Well ID: Construction Date:	1534040	Flowing (Y/N): Flow Bate:	
Use 1st:	Not Used	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Abandoned-Other	Date Received:	08/05/2003
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	263135	Contractor:	6006
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	004
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP	-	
Site Info:			
Site Info:			

#### Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed:	10543155 07/17/2003	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc:	18 9 unknown UTM
Remarks: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location S Improvement Location M Source Revision Comme Supplier Comment:	Not Applicable i.e. no UTM Source: Method: ent:	Location Method:	na
Method of Construction Use	& Well		
Method Construction ID: Method Construction Co Method Construction: Other Method Construct	961534040 de: 0 Not Known ion:		
Pipe Information			
Pipe ID: Casing No:	11091725 1		

Pipe ID: Casing No: Comment: Alt Name:

Da	ta	ba	se:	,
	w	W	S	

lot 4 ON			
Well ID:	1534039	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	08/05/2003
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	263134	Contractor:	6006
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	004
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

#### Bore Hole Information

Site:

Bore Hole ID:	10543154	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	07/02/2003	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:	••		

Overburden and Bedrock Materials Interval

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

Formation ID:	932924907
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	17
Mat2 Desc:	SHALE
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	7.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	932924908
Laver:	3
Color:	2
General Color:	GREY

15
LIMESTONE
73
HARD
12.0
169.0
ft

#### Overburden and Bedrock Materials Interval

Formation ID:	932924906
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	7.0
Formation End Depth UOM:	ft

# Annular Space/Abandonment Sealing Record

Plug ID:	933240928
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

## Method of Construction & Well Use

Method Construction ID:	961534039
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

## Pipe Information

Pipe ID:	11091724
Casing No:	1
Comment:	
Alt Name:	

# Construction Record - Casing

Casing ID:	930098139
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Construction Record - Casing

Casing ID:	930098140
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	nch
Casing Depth UOM: f	it

# Results of Well Yield Testing

Pumping Test Method Desc: BA	LER
Pump Set At:	554059
Static Level:	
Final Level After Pumping: 160	0.0
Recommended Pump Depth: 160	0.0
Pumping Rate: 8.0	
Flowing Rate:	
Recommended Pump Rate: 8.0	
Levels UOM: ft	
Rate UOM: GP	M
Water State After Test Code: 1	
Water State After Test: CLI	EAR
Pumping Test Method: 2	
Pumping Duration HR: 1	
Pumping Duration MIN: 30	
Flowing: No	

# Draw Down & Recovery

Pump Test Detail ID:	934914594
Test Type:	Draw Down
Test Duration:	60
Test Level:	100.0
Test Level UOM:	ft

## Draw Down & Recovery

Pump Test Detail ID:	934657147
Test Type:	Draw Down
Test Duration:	45
Test Level:	100.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934396770
Test Type:	Draw Down
Test Duration:	30
Test Level:	100.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934113573
Test Type:	Draw Down
Test Duration:	15
Test Level:	100.0
Test Level UOM:	ft

# Water Details

FRESH 155.0

#### Site:

lot 5 ON

Well ID: **Construction Date:** Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate:

1534037 Domestic Water Supply 263131

#### Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 08/05/2003 Date Received: Selected Flag: TRUE Abandonment Rec: Contractor: 6006 Form Version: 1 Owner: County: OTTAWA-CARLETON Lot: 005 Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:

## **Bore Hole Information**

Static Water Level:

Clear/Cloudy:

Municipality:

Site Info:

Bore Hole ID:	10543152	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	07/10/2003	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location	n Source:		

CUMBERLAND TOWNSHIP

#### **Overburden and Bedrock** Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID:	932924898
Layer:	1
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	9.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock

74

#### Database: **WWIS**

#### Materials Interval

Formation ID:	932924900
Layer:	3
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	37.0
Formation End Depth:	46.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	022024004
Formation ID:	932924901
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	46.0
Formation End Depth:	52.0
Formation End Depth UOM:	ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	932924899
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	9.0
Formation End Depth:	37.0
Formation End Depth UOM:	ft

# Annular Space/Abandonment Sealing Record

Plug ID:	933240926
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

#### Method of Construction & Well Use

961534037
4
Rotary (Air)

## Pipe Information

Pipe ID:	11091722
Casing No:	1
Comment:	
Alt Name:	

# Construction Record - Casing

Casing ID: Layer: Material:	930098135 1 1
Open Hole or Material: Depth From:	STEEL
Casing Diameter: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	6.0 inch ft

## Construction Record - Casing

Casing ID:	930098136
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

BAILER
991534037
16.0
16.0
45.0
25.0
10.0
ft
GPM
1
CLEAR
2
1
0
No

## Draw Down & Recovery

934396768
Draw Down
30
16.0
ft

# Draw Down & Recovery

Pump Test Detail ID:	934914592
Test Type:	Draw Down
Test Duration:	60

Test Level:	16.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934113571
Test Type:	Draw Down
Test Duration:	15
Test Level:	16.0
Test Level UOM:	ft

#### Draw Down & Recovery

lot 5 ON

Pump Test Detail ID:	934657145
Test Type:	Draw Down
Test Duration:	45
Test Level:	16.0
Test Level UOM:	ft

## Water Details

Water ID:	934036926
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	48.0
Water Found Depth UOM:	ft

#### Site:

1533668 Flowing (Y/N): Well ID: **Construction Date:** Flow Rate: Use 1st: Domestic Data Entry Status: Use 2nd: Data Src: 1 04/14/2003 Final Well Status: Water Supply Date Received: TRUE Water Type: Selected Flag: Casing Material: Abandonment Rec: Audit No: 221950 Contractor: 3749 Tag: Form Version: 1 Constructn Method: Owner: Elevation (m): County: OTTAWA-CARLETON Elevatn Reliabilty: Lot: 005 Depth to Bedrock: Concession: . Well Depth: **Concession Name:** Easting NAD83: Overburden/Bedrock: Pump Rate: Northing NAD83: Static Water Level: Zone: Clear/Cloudy: UTM Reliability: Municipality: CUMBERLAND TOWNSHIP Site Info:

#### **Bore Hole Information**

Bore Hole ID:	10537502	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	02/19/2001	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			

# 77

## Order No: 24042300513

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

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	932905479
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	12
Mat2 Desc:	STONES
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	0.0
Formation End Depth:	4.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	932905480 2 GREY 15 LIMESTONE
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	4.0 290.0 ft

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

Plug ID:	933236220
Layer:	1
Plug From:	0.0
Plug To:	42.0
Plug Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961533668
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

## Pipe Information

Pipe ID:	11086072
Casing No:	1
Comment:	
Alt Name:	

# Construction Record - Casing

930097424
2
4
OPEN HOLE
290.0
6.0
inch
ft

# Construction Record - Casing

Casing ID:	930097423
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	44.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	6.0 inch ft

## Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991533668
Pump Set At:	
Static Level:	110.0
Final Level After Pumping:	180.0
Recommended Pump Depth:	265.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

# Draw Down & Recovery

Pump Test Detail ID:	934395649
Test Type:	Draw Down
Test Duration:	30
Test Level:	172.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934121213
Test Type:	Draw Down
Test Duration:	15
Test Level:	130.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934665346
Test Type:	Draw Down
Test Duration:	45
Test Level:	180.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934913473
Test Type:	Draw Down
Test Duration:	60
Test Level:	180.0
Test Level UOM:	ft

# Water Details

Water ID:	934031000
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	184.0
Water Found Depth UOM:	ft

## Water Details

Water ID:	934031002
Layer:	4
Kind Code:	1
Kind:	FRESH
Water Found Depth:	271.0
Water Found Depth UOM:	ft

# Water Details

Water ID:	934031001
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	220.0
Water Found Depth UOM:	ft

## Water Details

Water ID:	934030999
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	110.0
Water Found Depth UOM:	ft

# <u>Site:</u>

lot 4 ON

## Database: WWIS

Well ID:	1533667	Flowing (Y/N):		
Construction Date:		Flow Rate:		
Use 1st:	Domestic	Data Entry Status:		
Use 2nd:		Data Src:	1	
Final Well Status:	Water Supply	Date Received:	04/14/2003	
Water Type:		Selected Flag:	TRUE	
Casing Material:		Abandonment Rec:		
Audit No:	221961	Contractor:	3749	
Tag:		Form Version:	1	
Constructn Method:		Owner:		
Elevation (m):		County:	OTTAWA-CARLETON	
Elevatn Reliabilty:		Lot:	004	
Depth to Bedrock:		Concession:		
Well Depth:		Concession Name:		
Overburden/Bedrock:		Easting NAD83:		
Pump Rate:		Northing NAD83:		
Static Water Level:		Zone:		
Clear/Cloudv:		UTM Reliability:		

## Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	10537501	Elevation: Elevrc: Zone: East83: North83: Org CS:	18
Cluster Kind:		UTMRC:	9
Date Completed:	07/18/2002	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date: Improvement Location S	Source:		

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Source Revision Comment: Supplier Comment:

Formation ID:	932905478
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	5.0
Formation End Depth:	455.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	932905477
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	5.0
Formation End Depth UOM:	ft

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

Plug ID:	933236219
Layer:	1
Plug From:	8.0
Plug To:	44.0
Plug Depth UOM:	ft

# Method of Construction & Well

## <u>Use</u>

Method Construction ID:	961533667
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

# Pipe Information

Pipe ID:	11086071
Casing No:	1
Comment:	
Alt Name:	

## Construction Record - Casing

Casing ID:	930097422
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	44.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991533667
Pump Set At:	
Static Level:	150.0
Final Level After Pumping:	455.0
Recommended Pump Depth:	430.0
Pumping Rate:	4.0
Flowing Rate:	
Recommended Pump Rate:	4.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

# Draw Down & Recovery

Pump Test Detail ID:	934665345
Test Type:	Draw Down
Test Duration:	45
Test Level:	343.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934395648
Test Type:	Draw Down
Test Duration:	30
Test Level:	293.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump	Test	Detail	ID
i unip	1631	Detan	<i></i>

Test Type: Test Duration: Test Level: Test Level UOM: Draw Down 15 225.0 ft

#### Draw Down & Recovery

Pump Test Detail ID:	934913472
Test Type:	Draw Down
Test Duration:	60
Test Level:	407.0
Test Level UOM:	ft

## Site:

lot 4 ON

Database: WWIS

Well ID:	1532469	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	11/09/2001
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	237273	Contractor:	6006
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	004
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

## Bore Hole Information

Bore Hole ID:	10516919	Elevation: Elevro:	
Spatial Status:		Zone:	18
Code OB:		East83:	-
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/08/2001	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location S	ource:		

Overburden and Bedrock Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID:	932832928
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL

Mat3:	17
Mat3 Desc:	SHALE
Formation Top Depth:	0.0
Formation End Depth:	4.0
Formation End Depth UOM:	ft

# Overburden and Bedrock Materials Interval

Formation ID:	932832929
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4.0
Formation End Depth:	80.0
Formation End Depth UOM:	ft

## Overburden and Bedrock Materials Interval

Formation ID:	932832931
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	135.0
Formation End Depth:	200.0
Formation End Depth UOM:	ft

# Overburden and Bedrock Materials Interval

Formation ID:	932832930
Layer:	3
Color:	6
General Color:	BROWN
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	80.0
Formation End Depth:	135.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	932832932
Layer:	5
Color:	8
General Color:	BLACK
Mat1:	15
Most Common Material:	LIMESTONE

73
HARD
200.0
256.0
ft

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

Plug ID:	933219906
Layer:	1
Plug From:	0.0
Plug To:	90.0
Plug Depth UOM:	ft

# Method of Construction & Well Use

Method Construction ID:	961532469
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

## Pipe Information

Pipe ID:	11065489
Casing No:	1
Comment:	
Alt Name:	

# Construction Record - Casing

Casing ID:	930094904
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Construction Record - Casing

Casing ID:	930094903
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991532469
Pump Set At:	
Static Level:	23.0
Final Level After Pumping:	250.0
Recommended Pump Depth:	250.0
Pumping Rate:	4.0

85			
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	×	-	

Flowing Rate:	
Recommended Pump Rate:	3.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	30
Flowing:	No

# Draw Down & Recovery

Pump Test Detail ID:	934401024
Test Type:	Recovery
Test Duration:	30
Test Level:	170.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934116856
Test Type:	Recovery
Test Duration:	15
Test Level:	205.0
Test Level UOM:	ft

## Draw Down & Recovery

Pump Test Detail ID:	934917737
Test Type:	Recovery
Test Duration:	60
Test Level:	100.0
Test Level UOM:	ft

## Draw Down & Recovery

Pump Test Detail ID:	934660991
Test Type:	Recovery
Test Duration:	45
Test Level:	140.0
Test Level UOM:	ft

## Water Details

Water ID:	934008685
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90.0
Water Found Depth UOM:	ft

# Water Details

Water ID:	934008686
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	130.0
Water Found Depth UOM:	ft

# <u>Site:</u>

lot 4 ON

Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type:	1532284 Domestic Water Supply	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag:	1 09/17/2001 TRUE
Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Cleard(Cleardy)	232367	Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone:	1414 1 OTTAWA-CARLETON 004
Municipality: Site Info:	CUMBERLAND TOWNSHIP	o nii nondonity.	
Bore Hole Information			

Bore Hole ID: DP2BR:	10516734	Elevation: Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	09/04/2001	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			

Overburden and Bedrock Materials Interval

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

Formation ID:	932832368
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	66
Mat2 Desc:	DENSE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	932832369
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	85

Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	10.0
Formation End Depth:	225.0
Formation End Depth UOM:	ft
Overburden and Bedrock	
<u>Materials Interval</u>	
Formation ID:	932832371
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTON
Mat2:	26
Mat2 Desc:	ROCK
Mat3:	71
Mat3 Desc:	FRACTURE
Formation Tan Danth	242.0

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:	242.0
Formation End Depth:	245.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	932832370
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	77
Mat2 Desc:	LOOSE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	225.0
Formation End Depth:	242.0
Formation End Depth UOM:	ft

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

933219734
1
0.0
25.0
ft

# Method of Construction & Well Use

Method Construction ID:	961532284
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	,

# **Pipe Information**

Pipe ID:	11065304
Casing No:	1
Comment:	
Alt Name:	

# Construction Record - Casing

Casing ID: Layer: Material: Open Hole or Material:	930094527 2
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

## **Construction Record - Casing**

Casing ID:	930094526
Layer:	1
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	
Casing Diameter:	8.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Construction Record - Casing

Casing ID:	930094528
Layer:	3
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991532284
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	245.0
Recommended Pump Depth:	100.0
Pumping Rate:	35.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

# Draw Down & Recovery

Pump Test Detail ID:	934917291
Test Type:	Recovery
Test Duration:	60
Test Level:	20.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934660405
Test Type:	Recovery
Test Duration:	45
Test Level:	20.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934399883
Test Type:	Recovery
Test Duration:	30
Test Level:	20.0
Test Level UOM:	ft

## Draw Down & Recovery

Pump Test Detail ID:	934116269
Test Type:	Recovery
Test Duration:	15
Test Level:	20.0
Test Level UOM:	ft

# Water Details

Water ID:	934008456
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	244.0
Water Found Depth UOM:	ft

# <u>Site:</u>

lot 5 ON

Database: WWIS

Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material:	1531370 Domestic Water Supply		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec:	1 09/07/2000 TRUE
Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:	220232 CUMBERL	AND TOWNSHIP	Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1517 1 OTTAWA-CARLETON 005
Bore Hole Information				

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc:	10052904	Elevation: Elevrc: Zone: East83: North83:	18
Open Hole: Cluster Kind: Date Completed: Remarks:	08/22/2000	Org CS: UTMRC: UTMRC Desc: Location Method:	9 unknown UTM na

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

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	931078295
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	26
Mat2 Desc:	ROCK
Mat3:	
Mat3 Desc:	
Formation Top Depth:	27.0
Formation End Depth:	123.0
Formation End Depth UOM:	ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	931078294
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	18.0
Formation End Depth:	27.0
Formation End Depth UOM:	ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	931078293
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	18.0
Formation End Depth UOM:	ft

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

Plug ID:	933116536
Layer:	1
Plug From:	0.0
Plug To:	28.0

Method Construction ID:	961531370
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

## Pipe Information

Pipe ID:	10601474
Casing No:	1
Comment:	
Alt Name:	

## Construction Record - Casing

Casing ID:	930092559
Layer:	1
Material:	
Open Hole or Material:	
Depth From:	
Depth To:	
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991531370
Pump Set At:	
Static Level:	5.0
Final Level After Pumping:	60.0
Recommended Pump Depth:	
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

## Draw Down & Recovery

Pump Test Detail ID:	934396038
Test Type:	Draw Down
Test Duration:	30
Test Level:	50.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934113534
Test Type:	Draw Down
Test Duration:	15
Test Level:	40.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934914421
Test Type:	Draw Down
Test Duration:	60
Test Level:	60.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934657112
Test Type:	Draw Down
Test Duration:	45
Test Level:	60.0
Test Level UOM:	ft

# Water Details

Water ID:	933491807
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	57.0
Water Found Depth UOM:	ft

#### Water Details

933491808
2
1
FRESH
120.0
ft

Site:

lot 5 ON

Database: WWIS

Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status:	1530916 Domestic Water Supply	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received:	1 12/17/1999
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	210553	Contractor:	1119
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	LI
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Site Info:	GLOUCESTER TOWNSHIP		

## Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc:	10052450	Elevation: Elevrc: Zone: 18 East83: North83:
Code OB Desc:		North83:

Open Hole: Cluster Kind: Date Completed: 10/18/1999 Remarks: Loc Method Desc: Not Applicable i.e. no UTM Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

#### Overburden and Bedrock Materials Interval

Formation ID:	931076940
Layer:	2
Color:	
General Color:	
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	37.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931076939
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	37.0
Formation End Depth UOM:	ft

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

Plug ID: Laver:	933116087 1
Plug From:	2.0
Plug To:	46.0
Plug Depth UOM:	ft

## Method of Construction & Well Use

Method Construction ID:	961530916
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

# Pipe Information

## 10601020

Org CS: UTMRC: UTMRC Desc: Location Method:

9 unknown UTM na Casing No: Comment: Alt Name:

Construction Record - Casing

930091618
3
4
OPEN HOLE
60.0
6.0
inch
ft

# Construction Record - Casing

930091617
2
1
STEEL
46.0
6.0
inch
ft

# Construction Record - Casing

Casing ID:	930091616
Layer:	1
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	44.0
Casing Diameter:	8.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

## **Results of Well Yield Testing**

Pumping Test Method Desc:	PUMP
Pump Test ID:	991530916
Pump Set At:	
Static Level:	23.0
Final Level After Pumping:	50.0
Recommended Pump Depth:	50.0
Pumping Rate:	21.0
Flowing Rate:	
Recommended Pump Rate:	21.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	No

## Draw Down & Recovery

Pump Test Detail ID:	934386266
Test Type:	Recovery
Test Duration:	30
Test Level:	23.0

## Test Level UOM:

ft

## Draw Down & Recovery

Pump Test Detail ID:	934119528
Test Type:	Recovery
Test Duration:	15
Test Level:	23.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934903818
Test Type:	Recovery
Test Duration:	60
Test Level:	23.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934664639
Test Type:	Recovery
Test Duration:	45
Test Level:	23.0
Test Level UOM:	ft

# Water Details

Water ID:	933491217
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50.0
Water Found Depth UOM:	ft

## <u>Site:</u>

lot 5 ON

Well ID: Construction Date: Use 1st: Use 2nd:	1530720 Domestic	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src:	1
Final Well Status: Water Type: Casing Material:	Water Supply	Date Received: Selected Flag: Abandonment Rec:	09/22/1999 TRUE
Audit No: Tag: Constructn Method:	210452	Contractor: Form Version: Owner:	1119 1
Elevation (m): Elevatn Reliabilty: Depth to Bedrock:		County: Lot: Concession:	OTTAWA-CARLETON 005
Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy:		Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	LI
<i>Municipality:</i> Site Info:	GLOUCESTER TOWNSHIP	<b></b>	

## Bore Hole Information

Bore Hole ID: 10052254	Elevation:
DP2BR:	Elevrc:
Spatial Status:	Zone: 18
Code OB:	East83:

96

Database: WWIS Code OB Desc: Open Hole: Cluster Kind: Date Completed: 07/29/1999 Remarks: Loc Method Desc: Not Applicable i.e. no UTM Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

#### Overburden and Bedrock Materials Interval

Formation ID:	931076389
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	28.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931076391
Layer:	3
Color:	2
General Color:	GREY
Mat1:	18
Most Common Material:	SANDSTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	34.0
Formation End Depth:	80.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931076390
Layer:	2
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	28.0
Formation End Depth:	34.0
Formation End Depth UOM:	ft

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

North83: Org CS: UTMRC: UTMRC Desc: Location Method:

9 unknown UTM na

933115862
1
2.0
40.0
ft

## Method of Construction & Well Use

Method Construction ID: Method Construction Code:	961530720 5
Method Construction:	Air Percussion
Other Method Construction:	

#### Pipe Information

Pipe ID:	10600824
Casing No:	1
Comment:	
Alt Name:	

# Construction Record - Casing

Casing ID:	930091188
Layer:	3
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	80.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Construction Record - Casing

Casing ID:	930091187
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	40.0
Casing Diameter:	9.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

## Construction Record - Casing

Casing ID: Layer: Material:	930091186 1 1
Open Hole or Material: Depth From:	STEEL
Depth To:	38.0
Casing Diameter:	9.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

## Results of Well Yield Testing

Pumping Test Method Desc: Pump Test ID:	PUMP 991530720
Pump Set At:	
Static Level:	25.0
Final Level After Pumping:	70.0

Recommended Pump Depth:	70.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	20.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	No

# Draw Down & Recovery

Pump Test Detail ID:	934120065
Test Type:	Recovery
Test Duration:	15
Test Level:	25.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934385686
Test Type:	Recovery
Test Duration:	30
Test Level:	25.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934903241
Test Type:	Recovery
Test Duration:	60
Test Level:	25.0
Test Level UOM:	ft

## Draw Down & Recovery

Pump Test Detail ID:	934664204
Test Type:	Recovery
Test Duration:	45
Test Level:	25.0
Test Level UOM:	ft

## Water Details

Water ID:	933490946
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	73.0
Water Found Depth UOM:	ft

<u>Site:</u>

# lot 5 ON

Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type:	1530690 Domestic Water Supply	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag:	1 08/11/1999 TRUE	
Casing Material: Audit No:	206742	Abandonment Rec: Contractor:	6006	

99

Database: WWIS
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudv:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

### Bore Hole Information

Bore Hole ID: DP2BR:	10052224	Elevation: Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	07/20/1999	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc: Elevrc Desc:	Not Applicable i.e. no UTM		

# Overburden and Bedrock Materials Interval

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

Formation ID:	931076282
Layer:	1
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Mat2 Desc:	SOFT
<i>Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	0.0 11.0 ft

### Overburden and Bedrock Materials Interval

Formation ID:	931076283
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	11.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

### Overburden and Bedrock Materials Interval

Formation ID.	931076286
l aver:	5
Color:	6
	0
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2·	80
Mat2 Desc:	POPOLIS
Maiz Desc.	1010000
Mats:	
Mat3 Desc:	
Formation Top Depth:	57.0
Formation End Depth:	62.0
Formation End Depth UOM:	ft
Overburden and Bedrock	
Materials Interval	
Materials Interval	
Formation (D)	004076004
Formation ID:	931076284
Layer:	3
Color:	3
General Color:	BLUE
Mat1.	05
Mast Common Matorial:	
	CLAT
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	25.0
Formation End Depth	50.0
Formation End Depth.	4
Formation End Depth UOW:	п
Overthe water and Deducate	
Overburgen and Bedrock	
Materials Interval	
Materials Interval	
Materials Interval Formation ID:	931076285
Materials Interval Formation ID: Laver:	931076285 4
Materials Interval Formation ID: Layer: Color:	931076285 4 2
Materials Interval Formation ID: Layer: Color: Conoral Color:	931076285 4 2 CREX
Materials Interval Formation ID: Layer: Color: General Color:	931076285 4 2 GREY
Materials Interval Formation ID: Layer: Color: General Color: Mat1:	931076285 4 2 GREY 11
Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material:	931076285 4 2 GREY 11 GRAVEL
Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2:	931076285 4 2 GREY 11 GRAVEL 85
Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc:	931076285 4 2 GREY 11 GRAVEL 85 SOFT
Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3:	931076285 4 2 GREY 11 GRAVEL 85 SOFT
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3:Mat3 Desc:	931076285 4 2 GREY 11 GRAVEL 85 SOFT
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3 Desc:Formation Top Depth:	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3:Mat3 Desc:Formation Top Depth:Formation Top Depth:	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End Depth:	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End Depth UOM:	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft
Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft
Materials Interval Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft
Materials Interval         Formation ID:         Layer:         Color:         General Color:         Mat1:         Most Common Material:         Mat2:         Mat2 Desc:         Mat3 Desc:         Formation Top Depth:         Formation End Depth:         Formation End Depth         Formation End Depth         Portion Space/Abandonment	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End Depth UOM:Annular Space/AbandonmentSealing Record	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End DepthFormation End Depth UOM:Annular Space/AbandonmentSealing Record	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End DepthFormation End Depth UOM:Annular Space/AbandonmentSealing RecordPlug ID:	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End DepthFormation End Depth UOM:Annular Space/AbandonmentSealing RecordPlug ID:Layer:	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End Depth:Formation End DepthFormation End DepthPlug ID:Layer:Plug From:	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0
Materials Interval         Formation ID:         Layer:         Color:         General Color:         Mat1:         Most Common Material:         Mat2:         Mat2 Desc:         Mat3 Desc:         Formation Top Depth:         Formation End Depth:         Formation End Depth         Formation End Depth         Pomation End Depth         Plug ID:         Layer:         Plug From:         Plug From:	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0 20.0
Materials Interval         Formation ID:         Layer:         Color:         General Color:         Mat1:         Most Common Material:         Mat2:         Mat2 Desc:         Mat3 Desc:         Formation Top Depth:         Formation End Depth:         Formation End Depth         Most Space/Abandonment         Sealing Record         Plug ID:         Layer:         Plug From:         Plug To:         Plug To:	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0 20.0 ft
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2:Mat2:Mat3:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End DepthFormation End DepthFormation End DepthPlug ID:Layer:Plug ID:Layer:Plug From:Plug To:Plug Depth UOM:	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0 20.0 ft
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End Depth UOM:Annular Space/AbandonmentSealing RecordPlug ID:Layer:Plug From:Plug To:Plug Depth UOM:	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0 20.0 ft
Materials Interval         Formation ID:         Layer:         Color:         General Color:         Mat1:         Most Common Material:         Mat2:         Mat3 Desc:         Formation Top Depth:         Formation End Depth:         Formation End Depth         Formation End Depth UOM:         Annular Space/Abandonment         Sealing Record         Plug ID:         Layer:         Plug From:         Plug To:         Plug Depth UOM:	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0 20.0 ft
Materials Interval         Formation ID:         Layer:         Color:         General Color:         Mat1:         Most Common Material:         Mat2:         Mat2 Desc:         Mat3 Desc:         Formation Top Depth:         Formation End Depth:         Formation End Depth         Formation End Depth         Pormation End Depth         Plug ID:         Layer:         Plug ID:         Layer:         Plug From:         Plug Depth UOM:	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0 20.0 ft
Materials Interval         Formation ID:         Layer:         Color:         General Color:         Mat1:         Most Common Material:         Mat2:         Mat2 Desc:         Mat3 Desc:         Formation Top Depth:         Formation End Depth:         Formation End Depth         Formation End Depth         Pormation End Depth         Plug ID:         Layer:         Plug ID:         Layer:         Plug To:         Plug Depth UOM:         Method of Construction & Well         Use	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0 20.0 ft
Materials Interval         Formation ID:         Layer:         Color:         General Color:         Mat1:         Most Common Material:         Mat2:         Mat2 Desc:         Mat3 Desc:         Formation Top Depth:         Formation End Depth:         Formation End Depth         Formation End Depth         Portation End Depth         Plug ID:         Layer:         Plug ID:         Layer:         Plug To:         Plug To:         Plug Depth UOM:	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0 20.0 ft
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End DepthFormation End DepthFormation End DepthPlug ID:Layer:Plug From:Plug To:Plug Depth UOM:Method of Construction & WellUseMethod Construction ID:	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0 20.0 ft 961530690
Materials IntervalFormation ID:Layer:Color:General Color:Mat1:Most Common Material:Mat2:Mat2 Desc:Mat3 Desc:Formation Top Depth:Formation End Depth:Formation End Depth UOM:Annular Space/AbandonmentSealing RecordPlug ID:Layer:Plug From:Plug To:Plug Depth UOM:Method of Construction & WellUseMethod Construction ID:Method Construction Code:	931076285 4 2 GREY 11 GRAVEL 85 SOFT 50.0 57.0 ft 933115832 1 0.0 20.0 ft 961530690 4

### Pipe Information

Pipe ID:	10600794
Casing No:	1
Comment:	
Alt Name:	

### Construction Record - Casing

Casing ID:	930091126
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	57.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### Construction Record - Casing

Casing ID:	930091127
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	62.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### Results of Well Yield Testing

Pumping Test Method Desc: Pump Test ID:	PUMP 991530690
Pump Set At:	
Static Level:	27.0
Final Level After Pumping:	50.0
Recommended Pump Depth:	55.0
Pumping Rate:	15.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	No

### Draw Down & Recovery

934385656
Recovery
30
27.0
ft

Pump Test Detail ID: Test Type:	934120035 Recovery	

Test Duration:	15
Test Level:	27.0
Test Level UOM:	ft

Pump Test Detail ID:	934664174
Test Type:	Recovery
Test Duration:	45
Test Level:	27.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934902792
Test Type:	Recovery
Test Duration:	60
Test Level:	27.0
Test Level UOM:	ft

#### Water Details

Water ID:	933490908
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	57.0
Water Found Depth UOM:	ft

# Site:

# lot 5 ON

Well ID:	1530475	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	03/02/1999
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	197136	Contractor:	1119
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	LI
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	GLOUCESTER TOWNSHIP	-	
Site Info:			

### Bore Hole Information

Bore Hole ID: DP2BR:	10052010	Elevation: Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	11/12/1998	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc: Elevrc Desc:	Not Applicable i.e. no UTM		

103

Database: WWIS

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

#### Overburden and Bedrock Materials Interval

931075618
1
05
CLAY
0.0
32.0
ft

### Overburden and Bedrock Materials Interval

Formation ID: Layer:	931075619 2
Color:	
General Color: Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	13
Mat3 Desc:	BOULDERS
Formation Top Depth:	32.0
Formation End Depth:	57.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1:	931075620 3 2 GREY 15
Matr. Most Common Material: Mat2: Mat2 Desc: Mat3:	LIMESTONE
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	57.0 80.0 ft

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

Plug ID: Laver:	933115622 1
Plug From:	2.0
Plug Depth UOM:	ft

### Method of Construction & Well Use

Method Construction ID:	961530475
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

### Pipe Information

Pipe ID:	10600580
Casing No:	1
Comment:	
Alt Name:	

#### **Construction Record - Casing**

Casing ID:	930090702
Layer:	3
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	80.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### Construction Record - Casing

Casing ID:	930090701
Layer:	2
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	63.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### Construction Record - Casing

Casing ID:	930090700
Layer:	1
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	61.0
Casing Diameter:	8.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### Results of Well Yield Testing

Pumping Test Method Desc:	PUMP 991530475	
Fump Test ID.	991000470	
Pump Set At:		
Static Level:	21.0	
Final Level After Pumping:	70.0	
Recommended Pump Depth:	70.0	
Pumping Rate:	13.0	
Flowing Rate:		
Recommended Pump Rate:	13.0	
Levels UOM:	ft	
Rate UOM:	GPM	
Water State After Test Code:	2	
Water State After Test:	CLOUDY	

Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Pump Test Detail ID:	934385047
Test Type:	Recovery
Test Duration:	30
Test Level:	21.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934902180
Test Type:	Recovery
Test Duration:	60
Test Level:	21.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934118871
Test Type:	Recovery
Test Duration:	15
Test Level:	21.0
Test Level UOM:	ft

### Draw Down & Recovery

lot 5 ON

Pump Test Detail ID:	934663010
Test Type:	Recovery
Test Duration:	45
Test Level:	21.0
Test Level UOM:	ft

### Water Details

Water ID:	933490624
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	70.0
Water Found Depth UOM:	ft

### Site:

Database: WWIS

Well ID:	1530296	Flowing (Y/N):		
Construction Date:		Flow Rate:		
Use 1st:	Domestic	Data Entry Status:		
Use 2nd:		Data Src:	1	
Final Well Status:	Water Supply	Date Received:	11/24/1998	
Water Type:		Selected Flag:	TRUE	
Casing Material:		Abandonment Rec:		
Audit No:	182440	Contractor:	1119	
Tag:		Form Version:	1	
Constructn Method:		Owner:		
Elevation (m):		County:	OTTAWA-CARLETON	
Elevatn Reliabilty:		Lot:	005	
Depth to Bedrock:		Concession:		
Well Depth:		Concession Name:	LI	
Overburden/Bedrock:		Easting NAD83:		
Pump Rate:		Northing NAD83:		

Static Water Level: Clear/Cloudy: Municipality: Site Info:

GLOUCESTER TOWNSHIP

# Bore Hole Information

Bore Hole ID:	10051831	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	08/11/1998	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			

Zone:

UTM Reliability:

#### Overburden and Bedrock Materials Interval

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

Formation ID:	931075086
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	27.0
Formation End Depth:	61.0
Formation End Depth UOM:	ft

# Overburden and Bedrock

<u>Materials Interval</u>

Formation ID:	931075085
Layer:	1
Color:	
General Color:	
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	13
Mat3 Desc:	BOULDERS
Formation Top Depth:	0.0
Formation End Depth:	27.0
Formation End Depth UOM:	ft

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

131

Method of Construction & Well Use

Method Construction ID:	961530296
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	

### Pipe Information

Pipe ID:	10600401
Casing No:	1
Comment:	
Alt Name:	

### Construction Record - Casing

Casing ID:	930090318
Layer:	3
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	61.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### Construction Record - Casing

Casing ID:	930090316
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	33.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### Construction Record - Casing

930090317
2
4
OPEN HOLE
35.0
8.0
inch
ft

### Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991530296
Pump Set At:	
Static Level:	21.0
Final Level After Pumping:	50.0
Recommended Pump Depth:	50.0
Pumping Rate:	24.0
Flowing Rate:	
Recommended Pump Rate:	24.0
Levels UOM:	ft
Rate UOM:	GPM

Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	No

Pump Test Detail ID:	934118297
Test Type:	Recovery
Test Duration:	15
Test Level:	21.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934910979
Test Type:	Recovery
Test Duration:	60
Test Level:	21.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934392864
Test Type:	Recovery
Test Duration:	30
Test Level:	21.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934662435
Test Type:	Recovery
Test Duration:	45
Test Level:	21.0
Test Level UOM:	ft

### Water Details

Water ID:	933490363
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	44.0
Water Found Depth UOM:	ft

### Water Details

Water ID:	933490365
Layer:	3
Kind Code:	5
Kind:	Not stated
Water Found Depth:	52.0
Water Found Depth UOM:	ft

### Water Details

Water ID:	933490364	
Layer:	2	
Kind Code:	5	
Kind:	Not stated	
Water Found Depth:	50.0	
-		

<u>Site:</u>

Database: WWIS

lot 5 ON			
Well ID:	1530295	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	11/24/1998
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	192714	Contractor:	1119
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	LI
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	GLOUCESTER TOWNSHIP	-	
Site Info:			

### Bore Hole Information

Bore Hole ID:	10051830	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	08/11/1998	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date	):		
Improvement Location	n Source:		
Improvement Location	n Method:		
Source Revision Com	iment:		
Supplier Comment:			
Overburden and Bedr	rock		

# Materials Interval

Formation ID:	931075083
Layer:	2
Color:	
General Color:	
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	22.0
Formation End Depth:	30.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931075084
Layer:	3

<u>.</u>	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	30.0
Formation End Depth:	80.0
Formation End Depth UOM:	ft
Overburden and Bedrock	
<u>Materials Interval</u>	
Formation ID:	021075092
Formation ID:	931075062
Layer:	I
General Color:	OF
Matt: Maat Common Motoriol:	
Most Common Material:	
Matz:	
Matz Desc:	BUULDERS
Mat3:	
Mats Desc:	0.0
Formation Top Depth:	0.0
Formation End Depth:	22.0 fr
Formation End Depth UOM:	IL
Annular Space/Abandonment	
Sealing Record	
-	
Plug ID:	933115430
Layer:	1
Plug From:	2.0
Plug To:	38.0
Plug Depth UOM:	ft
Method of Construction & Well	
Use	
Method Construction ID:	961530295
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	
<u>Pipe Information</u>	
Pine ID:	10600400
Casing No:	1
Casing No.	1
Alt Nama:	
Alt Name.	
Construction Record - Casing	
Continue ID.	000000000
Casing ID:	930090313
Layer:	1
iviaterial:	
Open Hole or Material:	SIEEL
Depth From:	00.0
Deptn 10:	30.U
Casing Diameter:	0.U
Casing Diameter UOM:	inch
Casing Depth UOM:	π

# Construction Record - Casing

Casing ID:	930090314
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	38.0
Casing Diameter:	8.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### **Construction Record - Casing**

Casing ID:	930090315
Layer:	3
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	80.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### Results of Well Yield Testing

PUMP
991530295
25.0
65.0
65.0
18.0
18.0
ft
GPM
2
CLOUDY
1
1
No

### Draw Down & Recovery

Pump Test Detail ID:	934118296
Test Type:	Recovery
Test Duration:	15
Test Level:	25.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934392863
Test Type:	Recovery
Test Duration:	30
Test Level:	25.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934662434
Test Type:	Recovery
Test Duration:	45
Test Level:	25.0

112

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### Test Level UOM:

ft

### Draw Down & Recovery

Pump Test Detail ID:	934910978
Test Type:	Recovery
Test Duration:	60
Test Level:	25.0
Test Level UOM:	ft

### Water Details

Water ID:	933490360
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	57.0
Water Found Depth UOM:	ft

### Water Details

Water ID:	933490362
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	74.0
Water Found Depth UOM:	ft

### Water Details

Water ID:	933490361
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	66.0
Water Found Depth UOM:	ft

# <u>Site:</u>

lot 5 ON

Well ID: Construction Date: Use 1st:	1530274 Domestic	Flowing (Y/N): Flow Rate: Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	11/06/1998
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	191057	Contractor:	6006
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality: Site Info:	CUMBERLAND TOWNSHIP		

### Bore Hole Information

Bore Hole ID DP2BR:	: 10051809	Elevation: Elevrc:	
113	erisinfo.com   Environmental Risk In	formation Services	Order No: 24042300513

Database: WWIS Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 09/10/1998 Remarks: Loc Method Desc: Not Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Not Applicable i.e. no UTM

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	931075028
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	13
Mat3 Desc:	BOULDERS
Formation Top Depth:	0.0
Formation End Depth:	6.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

931075029
2
2
GREY
15
LIMESTONE
73
HARD
6.0
235.0
ft

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

Plua ID:	933115406
Layer:	1
Plug From:	0.0
Plug To:	40.0
Plug Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961530274
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	,

9 unknown UTM na

### Pipe Information

Pipe ID:	10600379
Casing No:	1
Comment:	
Alt Name:	

### Construction Record - Casing

Casing ID <sup>.</sup>	930090280
Laver:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	40.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### Construction Record - Casing

Casing ID:	930090281
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	235.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991530274
Pump Set At:	
Static Level:	25.0
Final Level After Pumping:	225.0
Recommended Pump Depth:	220.0
Pumping Rate:	5.0
Flowing Rate:	
Recommended Pump Rate:	3.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

### Draw Down & Recovery

Pump Test Detail ID:	934662420	
Test Type:	Recovery	
Test Duration:	45	
Test Level:	125.0	
Test Level UOM:	ft	

Pump Test Detail ID:	934117865 Recovery	
Test Type:		
Test Duration:	15	
Test Level:	185.0	
Test Level UOM:	ft	

1	1	5

934910966
Recovery
60
100.0
ft

### Draw Down & Recovery

Pump Test Detail ID:	934392849	
Test Type:	Recovery	
Test Duration:	30	
Test Level:	150.0	
Test Level UOM:	ft	

### Water Details

Water ID:	933490342
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	180.0
Water Found Depth UOM:	ft

### Site:

Well ID: Construction Date:	1530273	Flowing (Y/N): Flow Rate:	
Use 1st: Use 2nd:	Domestic	Data Entry Status:	1
Final Well Status:	Water Supply	Date Received:	11/06/1998
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	191060	Contractor:	6006
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	004
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality: Site Info:	CUMBERLAND TOWNSHIP	·	

### Bore Hole Information

Bore Hole ID:	10051808	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/06/1998	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			

Improvement Location Source: Improvement Location Method:

116

Database: WWIS Source Revision Comment: Supplier Comment:

#### Overburden and Bedrock Materials Interval

931075025 3
3 BLUE
05 CLAY
85 SOFT
32.0
42.0 ft

# Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	931075026 4 2 GREY 11 GRAVEL
Formation Top Depth:	42.0
Formation End Depth:	50.0
Formation End Depth UOM:	ft

### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931075023 1 7 RED 05 CLAY 85 SOFT
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 10.0 ft

# Overburden and Bedrock

Material	s Int	terval

Formation ID:	931075024
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	

Mat3 Desc:	
Formation Top Depth:	10.0
Formation End Depth:	32.0
Formation End Depth UOM:	ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	931075027
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	50.0
Formation End Depth:	56.0
Formation End Depth UOM:	ft

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

Plug ID:	933115405
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

### Method of Construction & Well Use

Method Construction ID:	961530273
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

### Pipe Information

Pipe ID:	10600378
Casing No:	1
Comment:	
Alt Name:	

### Construction Record - Casing

Casing ID:	930090278
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	50.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Construction Record - Casing

Casing ID:	930090279
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	

Depth To:	56.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### **Results of Well Yield Testing**

Pumping Test Method Desc:	BAILER
Pump Test ID: Pump Sot At:	991530273
Static Level:	12.0
Final Level After Pumping:	30.0
Recommended Pump Depth:	46.0
Pumping Rate:	12.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934662419
Test Type:	Recovery
Test Duration:	45
Test Level:	12.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934910965
Test Type:	Recovery
Test Duration:	60
Test Level:	12.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934392848
Test Type:	Recovery
Test Duration:	30
Test Level:	12.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934117864
Test Type:	Recovery
Test Duration:	15
Test Level:	12.0
Test Level UOM:	ft

# Water Details

Water ID:	933490341
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50.0
Water Found Depth UOM:	ft

#### Site:

lot 4 ON

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

180720

**GLOUCESTER TOWNSHIP** 

1530022

Domestic

Water Supply

Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 06/11/1998 Date Received: Selected Flag: TRUE Abandonment Rec: Contractor: 6455 Form Version: 1 Owner: County: OTTAWA-CARLETON Lot: 004 Concession: Concession Name: LI Easting NAD83: Northing NAD83: Zone: UTM Reliability:

#### Database: **WWIS**

# **Bore Hole Information**

Bore Hole ID:	10051557	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	05/22/1998	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			

#### **Overburden and Bedrock** Materials Interval

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

Formation ID:	931074228
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	81
Mat2 Desc:	SANDY
Mat3:	88
Mat3 Desc:	THICK
Formation Top Depth:	0.0
Formation End Depth:	25.0
Formation End Depth UOM:	ft

#### **Overburden and Bedrock** Materials Interval

931074230 Formation ID: Layer: 3 Color: 2

General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	14
Mat3 Desc:	HARDPAN
Formation Top Depth:	36.0
Formation End Depth:	54.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931074231
Layer:	4
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:	54.0
Formation End Depth:	70.0
Formation End Depth UOM:	ft

### Overburden and Bedrock Materials Interval

Formation ID:	931074229
Laver:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	88
Mat2 Desc:	THICK
Mat3:	
Mat3 Desc:	
Formation Top Depth:	25.0
Formation End Depth:	36.0
Formation End Depth UOM:	ft

### Annular Space/Abandonment Sealing Record

Plug ID:	933115138
Layer:	1
Plug From:	0.0
Plug To:	21.0
Plug Depth UOM:	ft

### Method of Construction & Well Use

Method Construction ID:	961530022
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

## Pipe Information

Pipe ID:	10600127
Casing No:	1

#### Comment: Alt Name:

## Construction Record - Casing

Casing ID:	930089821
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	70.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### **Construction Record - Casing**

Casing ID:	930089820
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	54.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991530022
Pump Set At:	
Static Level:	17.0
Final Level After Pumping:	26.0
Recommended Pump Depth:	40.0
Pumping Rate:	50.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	12
Pumping Duration MIN:	0
Flowing:	No

### Draw Down & Recovery

Pump Test Detail ID:	934909911
Test Type:	
Test Duration:	60
Test Level:	26.0
Test Level UOM:	ft

## Draw Down & Recovery

Pump Test Detail ID:	934117237
Test Type:	
Test Duration:	15
Test Level:	26.0
Test Level UOM:	ft

Pump Test Detail ID:	934661373
Test Type:	
Test Duration:	45
Test Level:	26.0
Test Level UOM:	ft

Pump Test Detail ID:	934392215
Test Type:	
Test Duration:	30
Test Level:	26.0
Test Level UOM:	ft

### Water Details

Water ID:	933490035
Layer:	1
Kind Code:	4
Kind:	MINERIAL
Water Found Depth:	66.0
Water Found Depth UOM:	ft

## <u>Site:</u>

<u>Site:</u> lot 5 ON				Database: WWIS
Well ID:	1529605	Flowing (Y/N):		
Construction Date:		Flow Rate:		
Use 1st:	Domestic	Data Entry Status:		
Use 2nd:		Data Src:	1	
Final Well Status:	Water Supply	Date Received:	09/10/1997	
Water Type:		Selected Flag:	TRUE	
Casing Material:		Abandonment Rec:		
Audit No:	176781	Contractor:	6006	
Taq:		Form Version:	1	
Constructn Method:		Owner:		
Elevation (m):		County:	OTTAWA-CARLETON	
Elevatn Reliabilty:		Lot:	005	
Depth to Bedrock:		Concession:		
Well Depth:		Concession Name	CON	
Overburden/Bedrock		Fasting NAD83		
Pump Rate:		Northing NAD83		
Static Water Level:		Zone:		
Cloar/Cloudy:		LITM Poliability:		
Municipality: Site Info:	CUMBERLAND TOWNSHIP	o na Renability.		

### Bore Hole Information

Bore Hole ID:	10051140	Elevation: Elevro:	
Spatial Status		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	07/31/1997	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date	);		
Improvement Locatio	n Source:		

Source Revision Comment: Supplier Comment:

Improvement Location Method:

### Overburden and Bedrock Materials Interval

Formation ID:	931073283
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	9.0
Formation End Depth:	23.0
Formation End Depth UOM:	ft
Overburden and Bedrock	
Materials Interval	
<u>materials interval</u>	
Formation ID:	931073282
Laver:	1
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	9.0
Formation End Depth UOM:	ft
Overburden and Bedrock	
Materials Interval	
Formation ID:	031073284
l aver:	3
Color:	2
General Color:	GREY
Mat1:	11
Macr. Most Common Material:	GRAVEL
Mat2:	13
Mat2 Desc	BOULDERS
Mata 2000	85
Mat3 Desc.	SOFT
Formation Top Depth:	23.0
Formation End Depth:	35.0
Formation End Depth	ft
Annular Space/Abandonment	
Sealing Record	

Plug ID:	933114630
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

### Method of Construction & Well Use

Method Construction ID:	961529605
Method Construction Code:	4
Method Construction:	Rotary (Air)

### Pipe Information

Pipe ID:	10599710
Casing No:	1
Comment:	
Alt Name:	

### Construction Record - Casing

Casing ID:	930089268
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	35.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991529605
Pump Set At:	
Static Level:	12.0
Final Level After Pumping:	20.0
Recommended Pump Depth:	27.0
Pumping Rate:	25.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

### Draw Down & Recovery

Pump Test Detail ID:	934391146
Test Type:	Recovery
Test Duration:	30
Test Level:	12.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934909264
Test Type:	Recovery
Test Duration:	60
Test Level:	12.0
Test Level UOM:	ft

Pump Test Detail ID:	934116174
Test Type:	Recovery
Test Duration:	15
Test Level:	12.0
Test Level UOM:	ft

934660310
Recovery
45
12.0
ft

### Water Details

933489620
1
1
FRESH
35.0
ft

### Site:

Well ID:

Use 1st:

Use 2nd: Final Well Status:

Tag:

Water Type: Casing Material: Audit No:

Pump Rate: Static Water Level: Clear/Cloudy:

Municipality: Site Info:

lot 4 ON

Construction Date:

Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth:

. Overburden/Bedrock:

1529602	Flowing (Y/N):	
	Flow Rate:	
Domestic	Data Entry Status:	
	Data Src:	1
Water Supply	Date Received:	09/10/1997
	Selected Flag:	TRUE
	Abandonment Rec:	
176782	Contractor:	6006
	Form Version:	1
	Owner:	
	County:	OTTAWA-CARLETON
	Lot:	004
	Concession:	
	Concession Name:	CON
	Easting NAD83:	
	Northing NAD83:	
	Zone:	
	UTM Reliability:	
CUMBERLAND TOWNSHIP		

#### **Bore Hole Information**

Bore Hole ID:	10051137	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	07/30/1997	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date			
Improvement Locatio	n Source:		
Improvement Locatio	n Method:		
Source Revision Com	ment:		

#### Overburden and Bedrock Materials Interval

Supplier Comment:

Formation ID: 931073269 Layer: 1 Color: 6

126

Database: **WWIS** 

General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	BROWN 05 CLAY 85 SOFT
Formation Top Depth:	0.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

Overburden and Bedrock Materials Interval

Formation ID:	931073271
Layer:	3
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	13
Mat2 Desc:	BOULDERS
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	23.0
Formation End Depth:	36.0
Formation End Depth UOM:	ft

### Overburden and Bedrock Materials Interval

<u>INIALEITAIS IIILEI VAI</u>

Formation ID:	931073270
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	12.0
Formation End Depth:	23.0
Formation End Depth UOM:	ft

### Annular Space/Abandonment Sealing Record

933114627
1
0.0
20.0
ft

### Method of Construction & Well Use

Method Construction ID:	961529602
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

## Pipe Information

Pipe ID:	10599707
Casing No:	1

#### Comment: Alt Name:

### Construction Record - Casing

Casing ID:	930089263
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	36.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### **Results of Well Yield Testing**

Pumping Test Method Desc:	PUMP
Pump Test ID:	991529602
Pump Set At:	
Static Level:	12.0
Final Level After Pumping:	20.0
Recommended Pump Depth:	27.0
Pumping Rate:	25.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

### Draw Down & Recovery

Pump Test Detail ID:	934660307
Test Type:	Recovery
Test Duration:	45
Test Level:	12.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934909261
Test Type:	Recovery
Test Duration:	60
Test Level:	12.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934391143
Test Type:	Recovery
Test Duration:	30
Test Level:	12.0
Test Level UOM:	ft

Pump Test Detail ID:	934116171
Test Type:	Recovery
Test Duration:	15
Test Level:	12.0

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Test Level UOM:

ft

#### Water Details

Water ID:	933489617
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	36.0
Water Found Depth UOM:	ft

#### Site:

lot 5 ON

IOT 5 UN			
Well ID:	1529096	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	08/30/1996
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	163155	Contractor:	6455
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	OF
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

### Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks:	10050632 08/21/1996	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 9 unknown UTM na
Loc Method Desc: Elevrc Desc: Location Source Date:	Not Applicable i.e. no UTM		

Improvement Location Method: Source Revision Comment: Supplier Comment:

Improvement Location Source:

#### Overburden and Bedrock Materials Interval

Formation ID:	931071767
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	

129

Database: WWIS

Formation Top Depth:	11.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

# Overburden and Bedrock Materials Interval

Formation ID:	931071765
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	79
Mat2 Desc:	PACKED
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	9.0
Formation End Depth UOM:	ft

# Overburden and Bedrock

Materials Interval

Formation ID:	931071768
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	60.0
Formation End Depth:	180.0
Formation End Depth UOM:	ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

31071766
•
BREY
5
CLAY
2
STONES
51
SANDY
.0
1.0

### Annular Space/Abandonment Sealing Record

Plua ID:	933114078
l avor:	1
Layer. Diug From:	0.0
Plug To:	30.0
Plug Donth LIOM:	55.0 ft
riug Depui OOM.	it.

### Method of Construction & Well

<u>Use</u>

Method Construction ID:	961529096
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

### Pipe Information

Pipe ID:	10599202
Casing No:	1
Comment:	
Alt Name:	

# Construction Record - Casing

Casing ID:	930088457
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	39.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Construction Record - Casing

Casing ID:	930088458
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	180.0
Casing Diameter:	
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991529096
Pump Set At:	
Static Level:	105.0
Final Level After Pumping:	160.0
Recommended Pump Depth:	170.0
Pumping Rate:	12.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

Pump Test Detail ID:	934389955
Test Type:	Draw Down
Test Duration:	30
Test Level:	160.0
Test Level UOM:	ft

Pump Test Detail ID:	934907655
Test Type:	Draw Down
Test Duration:	60
Test Level:	160.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934659683
Test Type:	Draw Down
Test Duration:	45
Test Level:	160.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934114991
Test Type:	Draw Down
Test Duration:	15
Test Level:	158.0
Test Level UOM:	ft

### Water Details

Water ID:	933489017
Layer:	1
Kind Code:	4
Kind:	MINERIAL
Water Found Depth:	
Water Found Depth UOM:	ft

### Site:

<u>Site:</u> lot 5 ON				Database: WWIS
lot 5 ON Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatin Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality:	1528946 Domestic Water Supply 167355 CUMBERLAND TOWNSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 05/16/1996 TRUE 3749 1 OTTAWA-CARLETON 005	WWIS
Site Info:				

# Bore Hole Information

Bore Hole ID:	10050482	Elevation:		
DP2BR:		Elevrc:		
Spatial Status:		Zone:	18	
Code OB:		East83:		
Code OB Desc:		North83:		
Open Hole:		Org CS:		
Cluster Kind:		UTMRC:	9	

132

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04/10/1996

Not Applicable i.e. no UTM

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

#### Overburden and Bedrock Materials Interval

Formation ID:	931071262
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	12
Mat2 Desc:	STONES
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

#### **Overburden and Bedrock** Materials Interval

Formation ID:	931071263
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	74
Mat2 Desc:	LAYERED
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	2.0
Formation End Depth:	275.0
Formation End Depth UOM:	ft

### Annular Space/Abandonment Sealing Record

933113944
1
3.0
42.0
ft

#### Method of Construction & Well <u>Use</u>

Method Construction ID:	961528946
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

### Pipe Information

Pipe ID:	10599052
Casing No:	1
Comment:	

133

#### UTMRC Desc: Location Method:

unknown UTM na

### Alt Name:

# Construction Record - Casing

Casing ID:	930088213
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	275.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### Construction Record - Casing

Casing ID:	930088212
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	42.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

### Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991528946
Pump Set At:	
Static Level:	94.0
Final Level After Pumping:	0.0
Recommended Pump Depth:	260.0
Pumping Rate:	15.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

# Draw Down & Recovery

Pump Test Detail ID:	934105799
Test Type:	Recovery
Test Duration:	15
Test Level:	205.0
Test Level UOM:	ft

## Draw Down & Recovery

Pump Test Detail ID:	934907125
Test Type:	Recovery
Test Duration:	60
Test Level:	136.0
Test Level UOM:	ft

Pump Test L	Detail ID:	934389425	
134	erisinfo.com	Environmental Risk Information Servic	es Order No: 24042300513

Test Type:	Recovery
Test Duration:	30
Test Level:	173.0
Test Level UOM:	ft

Pump Test Detail ID:	934658600
Test Type:	Recovery
Test Duration:	45
Test Level:	151.0
Test Level UOM:	ft

### Water Details

Water ID:	933488836
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	241.0
Water Found Depth UOM:	ft

#### Water Details

Water ID:	933488837
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	268.0
Water Found Depth UOM:	ft

### Water Details

Water ID:	933488835
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	210.0
Water Found Depth UOM:	ft

lot 5 ON

#### Site:

#### Well ID: 1528228 Flowing (Y/N): Construction Date: Flow Rate: Use 1st: Domestic Data Entry Status: Use 2nd: Data Src: 1 Final Well Status: Water Supply Date Received: 10/28/1994 Water Type: Selected Flag: TRUE Casing Material: Abandonment Rec: Audit No: 151802 Contractor: 1414 Form Version: Tag: 1 Constructn Method: Owner: OTTAWA-CARLETON Elevation (m): County: Elevatn Reliabilty: Lot: 005 Depth to Bedrock: Concession: Well Depth: Concession Name: . Overburden/Bedrock: Easting NAD83: Pump Rate: Northing NAD83: Static Water Level: Zone: Clear/Cloudy: UTM Reliability: Municipality: CUMBERLAND TOWNSHIP

#### **Bore Hole Information**

Site Info:

#### Database: WWIS
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Loc Method Desc:	1004976 10/04/19	7 94 Not Applicable i.e. no UTM	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 9 unknown UTM na
Elevrc Desc: Location Source Date: Improvement Location So Improvement Location Mo Source Revision Comment Supplier Comment:	ource: ethod: nt:			
Overburden and Bedrock Materials Interval	<u> </u>			
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UO	м:	931069005 2 2 GREY 05 CLAY 79 PACKED 8.0 64.0 ft		
Overburden and Bedrock Materials Interval	<u>-</u>			
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Desc: Mat3 Desc: Formation Top Depth:		931069007 4 6 BROWN 15 LIMESTONE 73 HARD 83.0		
Formation End Depth: Formation End Depth UO	<b>M:</b>	92.0 ft		
<u>Materials Interval</u>	<u> </u>			
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:		931069004 1 6 BROWN 28 SAND 77 LOOSE		
Formation Top Depth: Formation End Depth:		0.0 8.0		

Formation ID:	931069006
Layer:	3
Color:	2
General Color:	GREY
Mat1:	34
Most Common Material:	TILL
Mat2:	12
Mat2 Desc:	STONES
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	64.0
Formation End Depth:	83.0
Formation End Depth UOM:	ft

ft

# Method of Construction & Well Use

Method Construction ID:	961528228
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

# Pipe Information

Pipe ID:	10598337
Casing No:	1
Comment:	
Alt Name:	

# Construction Record - Casing

Casing ID:	930086986
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	85.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Construction Record - Casing

Casing ID:	930086987
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	92.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### **Results of Well Yield Testing**

Pumping Test Method Desc: Pump Test ID: Pump Set At:	BAILER 991528228
Static Level:	35.0
Final Level After Pumping:	85.0

Recommended Pump Depth:	80.0
Pumping Rate:	2.0
Flowing Rate:	
Recommended Pump Rate:	2.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

# Draw Down & Recovery

Pump Test Detail ID:	934905392
Test Type:	Draw Down
Test Duration:	60
Test Level:	85.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934648208
Test Type:	Draw Down
Test Duration:	45
Test Level:	85.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934104068
Test Type:	Draw Down
Test Duration:	15
Test Level:	85.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934387693
Test Type:	Draw Down
Test Duration:	30
Test Level:	85.0
Test Level UOM:	ft

# Water Details

Water ID:	933487837
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	83.0
Water Found Depth UOM:	ft

<u>Site:</u>

# lot 4 ON

Construction Date: Flow Rate:	
Use 1st: Domestic Data Entry Status:	
Use 2nd: Data Src: 1	
Final Well Status:Water SupplyDate Received:09/15/1994	
Water Type: Selected Flag: TRUE	
Casing Material: Abandonment Rec:	
<i>Audit</i> No: 115159 <i>Contractor:</i> 6455	

138

Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	004
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

# Bore Hole Information

Bore Hole ID: DP2BR:	10049714	Elevation: Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	09/02/1994	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc: Elevrc Desc:	Not Applicable i.e. no UTM		

Overburden and Bedrock Materials Interval

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

931068829
2
2
GREY
05
CLAY
88
THICK
11.0
30.0
ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931068830
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	30.0
Formation End Depth:	49.0
Formation End Depth UOM:	ft

Formation ID:	931068831
Layer:	4
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	12
Mat2 Desc:	STONES
Mat3:	14
Mat3 Desc:	HARDPAN
Formation Top Depth:	49.0
Formation End Depth:	59.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931068828
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	77
Mat2 Desc:	LOOSE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	11.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

931068832
5
8
BLACK
11
GRAVEL
79
PACKED
59.0
67.0
ft

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

Plug ID:	933113016
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

#### Method of Construction & Well Use

|--|

# Pipe Information

Pipe ID:	10598284
Casing No:	1
Comment:	
Alt Name:	

# Construction Record - Casing

Casing ID:	930086896
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	67.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Construction Record - Casing

Casing ID:	930086895
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	65.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

BAILER 991528175
00.0
30.0
42.0
60.0
10.0
5.0
ft
GPM
2
CLOUDY
2
1
0
No

# Draw Down & Recovery

Pump Test Detail ID:	934905359
Test Type:	Draw Down
Test Duration:	60
Test Level:	42.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID: Test Type:	934112430 Draw Down		

Test Duration:	15
Test Level:	36.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934387239
Test Type:	Draw Down
Test Duration:	30
Test Level:	42.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934648176
Test Type:	Draw Down
Test Duration:	45
Test Level:	42.0
Test Level UOM:	ft

#### Water Details

Water ID:	933487774
Layer:	1
Kind Code:	3
Kind:	SULPHUR
Water Found Depth:	66.0
Water Found Depth UOM:	ft

# Site:

# lot 5 ON

Well ID: 1528151 Flowing (Y/N): **Construction Date:** Flow Rate: Domestic Use 1st: Data Entry Status: Use 2nd: Data Src: 1 Water Supply 09/21/1994 Final Well Status: Date Received: Water Type: Selected Flag: TRUE Casing Material: Abandonment Rec: Audit No: 139596 Contractor: 1517 Tag: Form Version: 1 Constructn Method: Owner: Elevation (m): County: OTTAWA-CARLETON Elevatn Reliabilty: Lot: 005 Depth to Bedrock: Concession: Well Depth: Concession Name: Overburden/Bedrock: Easting NAD83: Pump Rate: Northing NAD83: Static Water Level: Zone: UTM Reliability: Clear/Cloudy: Municipality: CUMBERLAND TOWNSHIP Site Info:

#### **Bore Hole Information**

Bore Hole ID:	10049690	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	08/30/1994	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			

142

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

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2 Mat2 Desc: Mat3:	931068745 2 GREY 15 LIMESTONE 26 ROCK
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	6.0 255.0 ft

# Overburden and Bedrock Materials Interval

Formation ID:	931068744
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	12
Mat2 Desc:	STONES
Mat3:	05
Mat3 Desc:	CLAY
Formation Top Depth:	0.0
Formation End Depth:	6.0
Formation End Depth UOM:	ft

# Annular Space/Abandonment Sealing Record

Plug ID:	933113007
Layer:	1
Plug From:	2.0
Plug To:	42.0
Plug Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961528151
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

# Pipe Information

Pipe ID:	10598260
Casing No:	1
Comment:	
Alt Name:	

# Construction Record - Casing

Casing ID:	930086842
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	42.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991528151
Pump Set At:	
Static Level:	110.0
Final Level After Pumping:	180.0
Recommended Pump Depth:	200.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	8.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

# Draw Down & Recovery

934656545
Draw Down
45
170.0
ft

# Draw Down & Recovery

Pump Test Detail ID:	934112408
Test Type:	Draw Down
Test Duration:	15
Test Level:	150.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934387217
Test Type:	Draw Down
Test Duration:	30
Test Level:	160.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934905337
Test Type:	Draw Down
Test Duration:	60
Test Level:	180.0
Test Level UOM:	ft

# Water Details

933487737 1 1 FRESH 250.0 ft

# <u>Site:</u>

#### lot 5 ON

#### Database: WWIS

	1527050		
Well ID:	1527059	Flowing (1/N):	
Construction Date:	Descention	Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	05/05/1993
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	116400	Contractor:	2351
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERI AND TOWNSHIP	e	
Site Info:			

# Bore Hole Information

Bore Hole ID:	10048738	Elevation: Elevro:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	03/11/1993	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location S	ource:		
Improvement Location N	lethod:		
Source Revision Comme	ent:		
Supplier Comment:			

#### Overburden and Bedrock Materials Interval

Formation ID:	931065919
Layer:	1
Color:	6
General Color:	BROWN
Mat1: Most Common Material: Mat2:	14 HARDPAN
Mat2 Desc: Mat3: Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	14.0
Formation End Depth UOM:	ft

Formation ID:	931065920 2
Color:	3
General Color:	BLUE
Mat1: Most Common Material:	17 SUM E
Most Common Material: Mat2:	SHALE
Mat2 Desc:	
Mat3:	
Mat3 Desc:	14.0
Formation For Depth:	237.0
Formation End Depth UOM:	ft
Overburden and Bedrock	
Materials Interval	
Formation ID:	021065021
Laver:	3
Color:	6
General Color:	BROWN
Mat1: Most Common Material:	SHALE
Mat2:	OT IN LEE
Mat2 Desc:	
Mat3: Mat3 Dosc:	
Formation Top Depth:	237.0
Formation End Depth:	240.0
Formation End Depth UOM:	ft
Annular Space/Abandonment	
<u>Sealing Record</u>	
Plug ID:	933112178
Layer:	1
Plug From: Plug To:	4.0
Plug Depth UOM:	ft
0	
Method of Construction & Well	
Use	
Mathad Construction ID:	061527050
Method Construction ID. Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
Pipe Information	
Pine ID:	10597308
Casing No:	1
Comment:	
Alt Name:	
Construction Record - Casing	
Casing ID:	930085250
Layer:	1
Material:	1 07551
Open Hole or Material: Depth From:	SIEEL
Depth To:	38.0

146

Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pumping Test Method Desc: Pump Test ID:	BAILER 991527059
Pump Set At:	
Static Level:	22.0
Final Level After Pumping:	230.0
Recommended Pump Depth:	235.0
Pumping Rate:	2.0
Flowing Rate:	
Recommended Pump Rate:	2.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

# Draw Down & Recovery

Pump Test Detail ID:	934393251
Test Type:	Draw Down
Test Duration:	30
Test Level:	210.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934109616
Test Type:	Draw Down
Test Duration:	15
Test Level:	180.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934902555
Test Type:	Draw Down
Test Duration:	60
Test Level:	230.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934654180
Test Type:	Draw Down
Test Duration:	45
Test Level:	225.0
Test Level UOM:	ft

# Water Details

Water ID:	933486552
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	45.0
Water Found Depth UOM:	ft

Da	ta	ba	se:
	w	W	S

lot 5 ON			
INTS ON			
Well ID:	1526359	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	07/08/1992
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	116368	Contractor:	2351
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

#### Bore Hole Information

Site:

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	10048072	Elevation: Elevrc: Zone: East83: North83: Ora CS:	18
Cluster Kind		UTMRC <sup>.</sup>	9
Date Completed:	06/24/1992	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc: Location Source Date: Improvement Location S	Source:		

#### Overburden and Bedrock Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID: Layer: Color: General Color:	931063946 3 8 BLACK
Mat1:	11
Most Common Material: Mat2: Mat2 Desc: Mat3:	GRAVEL
Mat3 Desc:	<b>FG</b> 0
Formation For Depth:	57.0
Formation End Depth.	ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	931063945
Laver:	2
Color:	3
General Color:	BLUE

148

Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	05 CLAY
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	13.0 56.0 ft
<u>Overburden and Bedrock</u> <u>Materials Interval</u>	
Formation ID: Layer: Color: General Color:	931063944 1 6 BROWN
Mat1: Most Common Material: Mat2: Mat2 Desc:	28 SAND
Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth:	0.0 13.0
Formation End Depth UOM:	ft
Annular Space/Abandonment Sealing Record	
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	933111658 1 4.0 22.0 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961526359 1 Cable Tool
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10596642 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Denth From:	930084157 1 1 STEEL
Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	57.0 6.0 inch ft

# Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991526359
Pump Set At:	
Static Level:	14.0
Final Level After Pumping:	47.0
Recommended Pump Depth:	
Pumping Rate:	18.0
Flowing Rate:	
Recommended Pump Rate:	
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:	50
Flowing:	No

# Draw Down & Recovery

Pump Test Detail ID:	934909112
Test Type:	Draw Down
Test Duration:	60
Test Level:	47.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934107341
Test Type:	Draw Down
Test Duration:	15
Test Level:	19.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934651496
Test Type:	Draw Down
Test Duration:	45
Test Level:	46.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934390976
Test Type:	Draw Down
Test Duration:	30
Test Level:	33.0
Test Level UOM:	ft

# Water Details

933485656
1
1
FRESH
57.0
ft

# Site:

_	lot 5	ΟΝ

Well ID: Construction Date:	1526083	Flowing (Y/N): Flow Rate:
Use 1st:	Domestic	Data Entry Status:

150

Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	02/04/1992
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	76367	Contractor:	3701
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP	-	
Site Info:			

# Bore Hole Information

Bore Hole ID: DP2BR:	10047817	Elevation: Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	09/07/1990	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date. Improvement Location	: n Source:		

#### Overburden and Bedrock Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID:	931063167
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

# Overburden and Bedrock

Materials Interval
--------------------

931063168
2
2
GREY
15
LIMESTONE
71
FRACTURED

Formation Top Depth:	2.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft
Overburden and Bedrock	

Materials Interval

9
١E

# Method of Construction & Well Use

Method Construction ID:	961526083
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	,

# Pipe Information

Pipe ID:	10596387
Casing No:	1
Comment:	
Alt Name:	

# Construction Record - Casing

Casing ID:	930083698
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	40.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	991526083
Pump Set At:	
Static Level:	60.0
Final Level After Pumping:	180.0
Recommended Pump Depth:	240.0
Pumping Rate:	8.0
Flowing Rate:	
Recommended Pump Rate:	7.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	1
Pumping Duration MIN:	0

# Flowing:

#### Draw Down & Recovery

Pump Test Detail ID:	934908032
Test Type:	Draw Down
Test Duration:	60
Test Level:	180.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934106260
Test Type:	Draw Down
Test Duration:	15
Test Level:	120.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934389891
Test Type:	Draw Down
Test Duration:	30
Test Level:	180.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934650834
Test Type:	Draw Down
Test Duration:	45
Test Level:	180.0
Test Level UOM:	ft

# Water Details

Water ID:	933485281
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	225.0
Water Found Depth UOM:	ft

#### Water Details

Water ID:	933485282
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	250.0
Water Found Depth UOM:	ft

# Water Details

Water ID: Layer: Kind Code:	933485280 1 1
Kind:	FRESH
Water Found Depth:	190.0
Water Found Depth UOM:	ft

# Site:

lot 4 ON

Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Consing Material:	1525984 Domestic Water Supply		Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Boo:	1 12/09/1991 TRUE
Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:	111453 CUMBI	ERLAND TOWNSHIP	Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	6587 1 OTTAWA-CARLETON 004
Bore Hole Information				

Bore Hole ID:	10047719	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	11/16/1991	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:	•••		

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

Formation ID:	931062872
Layer:	3
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	16.0
Formation End Depth:	48.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931062870
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN

28
SAND
85
SOFT
0.0
11.0
ft

<u>materials interval</u>

Formation ID:	931062871
Layer:	2
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	80
Mat2 Desc:	POROUS
Mat3:	
Mat3 Desc:	
Formation Top Depth:	11.0
Formation End Depth:	16.0
Formation End Depth UOM:	ft

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

Plug ID:	933111478
Layer:	1
Plug From:	0.0
Plug To:	20.0
Plug Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961525984
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

# Pipe Information

Pipe ID:	10596289
Casing No:	1
Comment:	
Alt Name:	

# Construction Record - Casing

Casing ID:	930083555
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	20.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Construction Record - Casing

Casing ID: Layer:	930083556 2	
155	erisinfo.com   Environmental Risk Information Services	Order No: 24042300513

Material: Open Hole or Material: Depth From:	4 OPEN HOLE
Depth To:	40.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991525984
Pump Set At:	
Static Level:	15.0
Final Level After Pumping:	45.0
Recommended Pump Depth:	45.0
Pumping Rate:	6.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	2
Pumping Duration MIN:	0
Flowing:	No

# Draw Down & Recovery

Pump Test Detail ID:	934907533
Test Type:	
Test Duration:	60
Test Level:	45.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934650336
Test Type:	
Test Duration:	45
Test Level:	45.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934106179
Test Type:	
Test Duration:	15
Test Level:	35.0
Test Level UOM:	ft

# Draw Down & Recovery

934389813
30
45.0
ft

# Water Details

Water ID:	933485148
Layer:	1
Kind Code:	1

FRESH 45.0 ft

<u>Site:</u> lot 5 ON				Databas WWIS
Well ID: Construction Date:	1525764	Flowing (Y/N): Flow Rate:		
Use 1st: Use 2nd:	Domestic	Data Entry Status: Data Src:	1	
Final Well Status: Water Type:	Water Supply	Date Received: Selected Flag:	10/10/1991 TRUE	
Casing Material: Audit No:	91554	Abandonment Rec: Contractor:	3749	
Tag: Constructn Method:		Form Version: Owner:	1	
Elevation (m): Elevatn Reliabilty: Donth to Bodrook:		County: Lot: Concossion:	011AWA-CARLETON 005	
Well Depth: Overburden/Bedrock:		Concession. Concession Name: Fasting NAD83:		
Pump Rate: Static Water Level:		Northing NAD83: Zone:		
Clear/Cloudy: Municipality:	CUMBERLAND TOWNSHIP	UTM Reliability:		
Site Info:				

#### Bore Hole Information

Bore Hole ID:	10047499	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	05/29/1991	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			

#### Overburden and Bedrock Materials Interval

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

Formation ID:	931062204
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	12
Most Common Material:	STONES
Mat2:	14
Mat2 Desc:	HARDPAN
Mat3:	79
Mat3 Desc:	PACKED
Formation Top Depth:	0.0
Formation End Depth:	5.0
Formation End Depth UOM:	ft

#### **Overburden and Bedrock** Materials Interval

# e:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth Formation End Depth UOM: <u>Annular Space/Abandonment</u> <u>Sealing Record</u>	931062205 2 2 GREY 15 LIMESTONE 5.0 100.0 ft
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	933111360 1 6.0 40.0 ft
<u>Method of Construction &amp; Well</u> <u>Use</u>	004505704
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	1 Cable Tool
<u>Pipe Information</u> Pipe ID: Casing No: Comment: Alt Name:	10596069 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From: Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	930083152 1 STEEL 40.0 6.0 inch ft
Results of Well Yield Testing	
Pumping Test Method Desc: Pump Test ID: Pump Set At: Static Level: Final Level After Pumping: Recommended Pump Depth: Pumping Rate: Flowing Rate: Recommended Pump Rate: Levels UOM: Deta UoM:	BAILER 991525764 10.0 60.0 15.0
Rate UOM: Water State After Test Code: Water State After Test: Pumping Test Method:	GPM 2

158

Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

# Draw Down & Recovery

Pump Test Detail ID:	934105136
Test Type:	Draw Down
Test Duration:	15
Test Level:	35.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934388795
Test Type:	Draw Down
Test Duration:	30
Test Level:	50.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934649752
Test Type:	Draw Down
Test Duration:	45
Test Level:	60.0
Test Level UOM:	ft

# Water Details

Water ID:	933484860
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	74.0
Water Found Depth UOM:	ft

# Water Details

Water ID:	933484861
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	90.0
Water Found Depth UOM:	ft

# Water Details

933484862
3
1
FRESH
98.0
ft

#### Site:

lot 5 ON

Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type:

Domestic Water Supply

1525586

Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag:

1 09/12/1991 TRUE

159

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Casing Material:		Abandonment Rec:	
Audit No:	69571	Contractor:	1517
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP	-	
Site Info:			

# Bore Hole Information

Bore Hole ID:	10047321	Elevation: Elevro:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	08/02/1991	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location	Source:		

#### Overburden and Bedrock Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID:	931061696
Color:	6
General Color: Mat1:	BROWN 05
Most Common Material:	CLAY
Mat2: Mat2 Desc:	12 STONES
Mat3: Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth: Formation End Depth UOM:	2.0 ft

# Overburden and Bedrock Materials Interval

Formation ID:	931061697
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	17
Mat2 Desc:	SHALE
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	2.0
Formation End Depth:	6.0
Formation End Depth UOM:	ft
-	

Formation ID:	931061698
Layer:	3
Color:	2
General Color:	GREY
Mat1:	17
Most Common Material:	SHALE
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	6.0
Formation End Depth:	28.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931061699
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	28.0
Formation End Depth:	228.0
Formation End Depth UOM:	ft

# Annular Space/Abandonment Sealing Record

Plug ID:	933111309
Layer:	1
Plug From:	2.0
Plug To:	40.0
Plug Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961525586
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

# Pipe Information

Pipe ID:	10595891
Casing No:	1
Comment:	
Alt Name:	

# Construction Record - Casing

Casing ID:	930082843
Layer:	1
Material:	1
Open Hole or Material:	STEEL

Depth From:	
Depth To:	40.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pumping Test Method Desc: Pump Test ID:	BAILER 991525586
Pump Set At:	10.0
Static Level:	40.0
Final Level After Pumping:	200.0
Recommended Pump Depth:	210.0
Pumping Rate:	7.0
Flowing Rate:	
Recommended Pump Rate:	6.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

# Draw Down & Recovery

Pump Test Detail ID:	934388203
Test Type:	
Test Duration:	30
Test Level:	150.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934649160
Test Type:	
Test Duration:	45
Test Level:	175.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934906340
Test Type:	
Test Duration:	60
Test Level:	200.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934104545
Test Type:	
Test Duration:	15
Test Level:	125.0
Test Level UOM:	ft

# Water Details

Water ID:	933484623
Layer: Kind Code:	1 1
Kind:	FRESH
Water Found Depth:	226.0

ft

Site:

lot 5 ON			
Well ID: Construction Date:	1524716	Flowing (Y/N): Flow Rate:	
Use 1st: Use 2nd:	Domestic	Data Entry Status: Data Src:	1
Final Well Status:	Water Supply	Date Received:	08/27/1990 TRUE
Casing Material:	604F4	Abandonment Rec:	4547
Audit No: Tag:	69454	Form Version:	1
Constructn Method: Elevation (m):		Owner: County:	OTTAWA-CARLETON
Elevatn Reliabilty: Depth to Bedrock:		Lot: Concession:	005
Well Depth: Overburden/Bedrock:		Concession Name: Easting NAD83:	
Pump Rate: Static Water Level:		Northing NAD83: Zone:	
Clear/Cloudy:		UTM Reliability:	
Site Info:			

# Bore Hole Information

Bore Hole ID:	10046464	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	07/08/1990	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location S	Source:		
Improvement Location N	lethod:		
Source Revision Comme	ent:		
Supplier Comment:			

# Overburden and Bedrock Materials Interval

Formation ID:	931058854
Layer:	5
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	52.0
Formation End Depth:	84.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931058852
Layer:	3

163

Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	20.0
Formation End Depth:	48.0
Formation End Depth UOM:	ft

Formation ID:	931058850
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	05
Mat2 Desc:	CLAY
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	4.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931058851
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	4.0
Formation End Depth:	20.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931058853
Layer:	4
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	11
Mat2 Desc:	GRAVEL
Mat3:	12
Mat3 Desc:	STONES
Formation Top Depth:	48.0
Formation End Depth:	52.0
Formation End Depth UOM:	ft

# Annular Space/Abandonment Sealing Record

933110927
1
6.0
50.0
ft

#### Method of Construction & Well Use

Method Construction ID:	961524716
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

# Pipe Information

Pipe ID:	10595034
Casing No:	1
Comment:	
Alt Name:	

# Construction Record - Casing

Casing ID:	930081350
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	52.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pumping Test Method Desc:	
Pump Test ID:	991524716
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	70.0
Recommended Pump Depth:	55.0
Pumping Rate:	50.0
Flowing Rate:	
Recommended Pump Rate:	15.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	
Pumping Duration HR:	
Pumping Duration MIN:	
Flowing:	No
D	
<u>Draw Down &amp; Recovery</u>	
Pump Test Detail ID:	934903054

	00.000
Test Type:	
Test Duration:	60
Test Level:	70.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934385315
Test Type:	

1	65

Test Duration:	30
Test Level:	65.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934109485
Test Type:	
Test Duration:	15
Test Level:	60.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934654676
Test Type:	
Test Duration:	45
Test Level:	70.0
Test Level UOM:	ft

#### Water Details

Water ID:	933483432
Layer:	1
Kind Code:	5
Kind:	Not stated
Water Found Depth:	82.0
Water Found Depth UOM:	ft

# Site:

# lot 4 ON

Well ID:	1524643	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	07/20/1990
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	67168	Contractor:	2351
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	004
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP	-	
Site Info:			

# Bore Hole Information

Bore Hole ID: DP2BR:	10046391	Elevation: Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	07/03/1990	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc: Elevrc Desc:	Not Applicable i.e. no UTM		

166

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

#### Overburden and Bedrock Materials Interval

Formation ID:	931058617
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	7.0
Formation End Depth UOM:	ft

# Overburden and Bedrock Materials Interval

Layer:2Color:3General Color:BLUEMat1:05Most Common Material:CLAYMat2:Kat2 Desc:Mat3:Kat3 Desc:Formation Top Depth:7.0Formation End Depth:53.0Formation End Depth UOM:ft	Formation ID:	931058618
Color:3General Color:BLUEMat1:05Most Common Material:CLAYMat2:Mat2:Mat2 Desc:Mat3:Mat3 Desc:7.0Formation Top Depth:7.0Formation End Depth:53.0Formation End Depth UOM:ft	Layer:	2
General Color:BLUEMat1:05Most Common Material:CLAYMat2:	Color:	3
Mat1:05Most Common Material:CLAYMat2:CLAYMat2 Desc:ClayMat3:ClayMat3 Desc:ClayFormation Top Depth:7.0Formation End Depth:53.0Formation End Depth UOM:ft	General Color:	BLUE
Most Common Material:CLAYMat2:CLAYMat2 Desc:ClassMat3:ClassMat3 Desc:ClassFormation Top Depth:7.0Formation End Depth:53.0Formation End Depth UOM:ft	Mat1:	05
Mat2:Mat2 Desc:Mat3:Mat3 Desc:Formation Top Depth:Formation End Depth:53.0Formation End Depth UOM:ft	Most Common Material:	CLAY
Mat2 Desc:Mat3:Mat3 Desc:Formation Top Depth:Formation End Depth:53.0Formation End Depth UOM:ft	Mat2:	
Mat3:Mat3 Desc:Formation Top Depth:7.0Formation End Depth:53.0Formation End Depth UOM:ft	Mat2 Desc:	
Mat3 Desc:Formation Top Depth:7.0Formation End Depth:53.0Formation End Depth UOM:ft	Mat3:	
Formation Top Depth:7.0Formation End Depth:53.0Formation End Depth UOM:ft	Mat3 Desc:	
Formation End Depth:53.0Formation End Depth UOM:ft	Formation Top Depth:	7.0
Formation End Depth UOM: ft	Formation End Depth:	53.0
	Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931058619
l avor:	3
Color:	0
Color:	0
General Color:	BLACK
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	53.0
Formation End Depth:	58.0
Formation End Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID: Method Construction Code:	961524643 1
Method Construction:	Cable Tool
Other Method Construction:	

# Pipe Information

Pipe ID:	10594961
Casing No:	1
Comment:	
Alt Name:	

# Construction Record - Casing

Casing ID: Layer: Material:	930081229 1 1
Open Hole or Material: Depth From:	STEEL
Depth To:	58.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991524643
Pump Set At:	
Static Level:	24.0
Final Level After Pumping:	47.0
Recommended Pump Depth:	52.0
Pumping Rate:	18.0
Flowing Rate:	
Recommended Pump Rate:	6.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	45
Flowing:	No

# Draw Down & Recovery

Pump Test Detail ID:	934384831
Test Type:	Draw Down
Test Duration:	30
Test Level:	46.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934902991
Test Type:	Draw Down
Test Duration:	60
Test Level:	47.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934654610
Test Type:	Draw Down
Test Duration:	45
Test Level:	47.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test L	Detail ID:	934109418	
168	erisinfo.com	Environmental Risk Information Services	Order No: 24042300513

Test Type:	
Test Duration:	
Test Level:	
Test Level UOM:	

#### Water Details

933483326
1
1
FRESH
58.0
ft

Draw Down 15 38.0 ft

#### Site:

lot 4 ON

Well ID:	1524123	Flowing (Y/N):	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	01/26/1990
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	56300	Contractor:	3644
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	004
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	GLOUCESTER TOWNSHIP		
Site Info:			

#### Bore Hole Information

Improvement Location Method: Source Revision Comment: Supplier Comment:

Bore Hole ID:	10045895	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	09/14/1989	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location S	ource:		

Overburden and Bedrock Materials Interval	
Formation ID:	931056932
Layer:	2
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN

169

Mat2:

13

Mat2 Desc: Mat3: Mat2 Desc:	BOULDERS
Formation Top Depth: Formation End Depth: Formation End Depth UOM:	28.0 56.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color:	931056933 3 2 GREY
Mat1: Most Common Material: Mat2: Mat2 Desc:	15 LIMESTONE
Mat3: Mat3 Desc: Formation Top Depth:	56.0
Formation End Depth: Formation End Depth UOM:	84.0 ft
<u>Overburden and Bedrock</u> <u>Materials Interval</u>	
Formation ID: Layer: Color: General Color: Mat1:	931056931 1 2 GREY 05
Most Common Material: Mat2: Mat2 Desc: Mat3:	CLAY
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	0.0 28.0 ft
<u>Method of Construction &amp; Well</u> <u>Use</u>	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961524123 5 Air Percussion
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10594465 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material:	930080344 2 3 CONCRETE
Depth From: Depth To: Casing Diameter: Casing Diameter UOM:	84.0 6.0 inch

170

# Casing Depth UOM:

ft

#### **Construction Record - Casing**

Casing ID:	930080343
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	59.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# **Results of Well Yield Testing**

Pumping Test Method Desc:	PUMP
Pump Test ID:	991524123
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	75.0
Recommended Pump Depth:	75.0
Pumping Rate:	7.0
Flowing Rate:	
Recommended Pump Rate:	7.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

# Draw Down & Recovery

Pump Test Detail ID:	934910103
Test Type:	
Test Duration:	60
Test Level:	75.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934391933
Test Type:	
Test Duration:	30
Test Level:	75.0
Test Level UOM:	ft

# Draw Down & Recovery

934652483
45
75.0
ft

# Draw Down & Recovery

Pump Test Detail ID:	934107704
Test Type:	
Test Duration:	15
Test Level:	75.0
Test Level UOM:	ft
#### Water Details

65
JR
J

#### lot 4 ON

<u>Site:</u> lot 4 ON				Database: WWIS
Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatin Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality:	1523900 Domestic Water Supply 44250 CUMBERLAND TOWNSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 10/12/1989 TRUE 1517 1 OTTAWA-CARLETON 004	
Site Info:				

# Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind:	10045672	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC:	18 9
Date Completed:	09/06/1989	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date: Improvement Location S Improvement Location N	ource: lethod:		

#### Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

931056138
5
3
BLUE
15
LIMESTONE
65.0

Formation End Depth:	100.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931056137
Layer:	4
Color:	6
General Color:	BROWN
Mat1:	05
Most Common Material:	CLAY
Mat2:	28
Mat2 Desc:	SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	44.0
Formation End Depth:	65.0
Formation End Depth UOM:	ft

# Overburden and Bedrock Materials Interval

Formation ID:         931056134           Layer:         1           Color:         6           General Color:         BROWN           Mat1:         02           Most Common Material:         TOPSOIL           Mat2:         81           Mat2 Desc:         SANDY           Mat3:         05           Mat3 Desc:         CLAY           Formation End Depth:         5.0           Formation End Depth UOM:         ft		
Layer:         1           Color:         6           General Color:         BROWN           Mat1:         02           Most Common Material:         TOPSOIL           Mat2:         81           Mat2 Desc:         SANDY           Mat3:         05           Mat3 Desc:         CLAY           Formation Top Depth:         0.0           Formation End Depth:         5.0           Formation End Depth UOM:         ft	Formation ID:	931056134
Color:         6           General Color:         BROWN           Mat1:         02           Most Common Material:         TOPSOIL           Mat2:         81           Mat2 Desc:         SANDY           Mat3:         05           Mat3 Desc:         CLAY           Formation Top Depth:         0.0           Formation End Depth:         5.0           Formation End Depth UOM:         ft	Layer:	1
General Color:BROWNMat1:02Most Common Material:TOPSOILMat2:81Mat2 Desc:SANDYMat3:05Mat3 Desc:CLAYFormation Top Depth:0.0Formation End Depth:5.0Formation End Depth UOM:ft	Color:	6
Mat1:         02           Most Common Material:         TOPSOIL           Mat2:         81           Mat2 Desc:         SANDY           Mat3:         05           Mat3 Desc:         CLAY           Formation Top Depth:         0.0           Formation End Depth:         5.0           Formation End Depth UOM:         ft	General Color:	BROWN
Most Common Material:TOPSOILMat2:81Mat2 Desc:SANDYMat3:05Mat3 Desc:CLAYFormation Top Depth:0.0Formation End Depth:5.0Formation End Depth UOM:ft	Mat1:	02
Mat2:         81           Mat2 Desc:         SANDY           Mat3:         05           Mat3 Desc:         CLAY           Formation Top Depth:         0.0           Formation End Depth:         5.0           Formation End Depth UOM:         ft	Most Common Material:	TOPSOIL
Mat2 Desc:         SANDY           Mat3:         05           Mat3 Desc:         CLAY           Formation Top Depth:         0.0           Formation End Depth:         5.0           Formation End Depth UOM:         ft	Mat2:	81
Mat3:         05           Mat3 Desc:         CLAY           Formation Top Depth:         0.0           Formation End Depth:         5.0           Formation End Depth UOM:         ft	Mat2 Desc:	SANDY
Mat3 Desc:CLAYFormation Top Depth:0.0Formation End Depth:5.0Formation End Depth UOM:ft	Mat3:	05
Formation Top Depth:0.0Formation End Depth:5.0Formation End Depth UOM:ft	Mat3 Desc:	CLAY
Formation End Depth:5.0Formation End Depth UOM:ft	Formation Top Depth:	0.0
Formation End Depth UOM: ft	Formation End Depth:	5.0
	Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931056135
Layer:	2
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	5.0
Formation End Depth:	12.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock <u>a/</u>

Material	s Ir	ite	rva

Formation ID:	931056136
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	

Mat3 Desc:	
Formation Top Depth:	12.0
Formation End Depth:	44.0
Formation End Depth UOM:	ft

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

Plug ID:	933110470
Layer:	1
Plug From:	2.0
Plug To:	25.0
Plug Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961523900
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	,

# Pipe Information

Pipe ID:	10594242
Casing No:	1
Comment:	
Alt Name:	

# Construction Record - Casing

Casing ID:	930079941
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	65.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pumping Test Method Desc: Pump Test ID: Pump Set At:	BAILER 991523900
Static Level:	
Final Level After Pumping:	70.0
Recommended Pump Depth:	80.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	15.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

# Draw Down & Recovery

Pump	Test	Detail	ID:

Test Type:

174

Test Duration:	45
Test Level:	65.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934909068
Test Type:	
Test Duration:	60
Test Level:	70.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934390890
Test Type:	
Test Duration:	30
Test Level:	60.0
Test Level UOM:	ft

#### Draw Down & Recovery

934106661
15
50.0
ft

#### Water Details

Water ID:	933482337
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	98.0
Water Found Depth UOM:	ft
•	

# <u>Site:</u>

lot 4 ON

Well ID: Construction Date:	1523464	Flowing (Y/N): Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	06/26/1989
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	40121	Contractor:	3749
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	004
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

#### Bore Hole Information

Bore Hole ID DP2BR:	: 10045239	Elevation: Elevrc:	
175	erisinfo.com   Environmental Risk Information Services		Order No: 24042300513

Database: WWIS

Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 06/01/1989 Remarks: Loc Method Desc: Not Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Not Applicable i.e. no UTM

 Zone:
 18

 East83:
 North83:

 Org CS:
 UTMRC:

 UTMRC Desc:
 unit

 Location Method:
 na

9 unknown UTM na

#### Overburden and Bedrock Materials Interval

Formation ID:	931054704
Layer:	6
Color:	2
General Color:	GREY
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	08
Mat2 Desc:	FINE SAND
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	274.0
Formation End Depth:	288.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931054702
Layer:	4
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	85
Mat2 Desc:	SOFT
Mat3:	
Mat3 Desc:	
Formation Top Depth:	195.0
Formation End Depth:	242.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931054703
Layer:	5
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	00
Mat2 Desc:	UNKNOWN TYPE
Mat3:	
Mat3 Desc:	
Formation Top Depth:	242.0
Formation End Depth:	274.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931054699
Laver:	1
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	01
Mat2 Desc:	FILL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	2.0
Formation End Depth UOM:	ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	931054700
Layer:	2
Color:	8
General Color:	BLACK
Mat1:	02
Most Common Material:	TOPSOIL
Mat2:	12
Mat2 Desc:	STONES
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	2.0
Formation End Depth:	3.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931054701
Layer:	3
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	3.0
Formation End Depth:	195.0
Formation End Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961523464
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

#### Pipe Information

Pipe ID:	10593809
, Casing No:	1
Comment:	
Alt Name:	

# Construction Record - Casing

Casing ID: Layer:	930079159 1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	288.0
Casing Diameter:	7.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991523464
Pump Set At:	
Static Level:	
Final Level After Pumping:	145.0
Recommended Pump Depth:	180.0
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	6.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

#### Draw Down & Recovery

934104990
15
65.0
ft

#### Draw Down & Recovery

Pump Test Detail ID:	934389219
Test Type:	
Test Duration:	30
Test Level:	110.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934650200
Test Type:	
Test Duration:	45
Test Level:	145.0
Test Level UOM:	ft

#### Water Details

Water ID:	933481732
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	288.0
Water Found Depth UOM:	ft

#### Site:

lot 4 ON

Well ID: Construction Date:	1523007	Flowing (Y/N): Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	11/02/1988
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	37551	Contractor:	2351
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	004
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality: Site Info:	CUMBERLAND TOWNSHIP		

#### Bore Hole Information

Bore Hole ID: DP2BR:	10044813	Elevation: Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/17/1988	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc: Elevrc Desc:	Not Applicable i.e. no UTM		

#### Overburden and Bedrock Materials Interval

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

Formation ID:	931053218
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	55.0
Formation End Depth:	174.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

931053217
1
6
BROWN

Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	14 HARDPAN 13 BOULDERS
Formation Top Depth:	0.0
Formation End Depth:	55.0
Formation End Depth UOM:	ft

# Annular Space/Abandonment Sealing Record

Plug ID:	933110061
Layer:	1
Plug From:	4.0
Plug To:	36.0
Plug Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961523007
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

# Pipe Information

Pipe ID:	10593383
Casing No:	1
Comment:	
Alt Name:	

# Construction Record - Casing

Casing ID:	930078398
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	55.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991523007
Pump Set At:	
Static Level:	40.0
Final Level After Pumping:	159.0
Recommended Pump Depth:	168.0
Pumping Rate:	7.0
Flowing Rate:	
Recommended Pump Rate:	5.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	55
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934648568
Test Type:	Draw Down
Test Duration:	45
Test Level:	120.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934112163
Test Type:	Draw Down
Test Duration:	15
Test Level:	75.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934906193	
Test Type:	Draw Down	
Test Duration:	60	
Test Level:	159.0	
Test Level UOM:	ft	

#### Draw Down & Recovery

Pump Test Detail ID:	934388005	
Test Type:	Draw Down	
Test Duration:	30	
Test Level:	95.0	
Test Level UOM:	ft	

#### Water Details

Water ID:	933481101
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	128.0
Water Found Depth UOM:	ft

1523003

Site:

Tag:

Elevatn Reliabilty:

Depth to Bedrock:

Static Water Level:

Overburden/Bedrock:

Well Depth:

Pump Rate:

Clear/Cloudy:

Municipality: Site Info:

lot 5 ON Well ID:

**Construction Date:** Use 1st: Domestic Use 2nd: Final Well Status: Water Supply Water Type: Casing Material: Audit No: 13195 Constructn Method: Elevation (m):

CUMBERLAND TOWNSHIP

Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 11/02/1988 Date Received: TRUE Selected Flag: Abandonment Rec: Contractor: 2351 Form Version: 1 Owner: County: Lot: 005 Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:

# OTTAWA-CARLETON

Database:

WWIS

# Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Loc Method Desc: Elevrc Desc: Location Source Date:	10044809 10/11/1988 Not Applicable i.e. no	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 9 unknown UTM na
Improvement Location S Improvement Location I Source Revision Commo Supplier Comment:	Source: Aethod: ent:		
<u>Overburden and Bedroc</u> <u>Materials Interval</u>	<u>k</u>		
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc:	931053204 1 6 BROWN 14 HARDPAN		
Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth U	0.0 15.0 <b>DM:</b> ft		
<u>Overburden and Bedroc</u> <u>Materials Interval</u>	<u>k</u>		
Formation ID: Layer: Color: General Color: Mat1:	931053205 2 3 BLUE 17		
Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc:	SHALE		
Formation Top Depth: Formation End Depth: Formation End Depth U	15.0 27.0 <b>DM:</b> ft		
<u>Method of Construction</u> <u>Use</u>	<u>&amp; Well</u>		
Method Construction ID Method Construction Co Method Construction: Other Method Construct	: 961523003 <b>ode:</b> 1 Cable Tool <b>ion:</b>		
Pipe Information			
Pipe ID: Casing No: Comment:	10593379 1		

#### Alt Name:

# Construction Record - Casing

Casing ID:	930078394
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	19.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### **Results of Well Yield Testing**

Pumping Test Method Desc:	BAILER
Pump Test ID:	991523003
Pump Set At:	
Static Level:	8.0
Final Level After Pumping:	24.0
Recommended Pump Depth:	25.0
Pumping Rate:	8.0
Flowing Rate:	
Recommended Pump Rate:	6.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934388001	
Test Type:	Draw Down	
Test Duration:	30	
Test Level:	24.0	
Test Level UOM:	ft	

# Draw Down & Recovery

Pump Test Detail ID:	934112159
Test Type:	Draw Down
Test Duration:	15
Test Level:	24.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934648564
Test Type:	Draw Down
Test Duration:	45
Test Level:	24.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934906189	
Test Type:	Draw Down	
Test Duration:	60	
Test Level:	24.0	
Test Level UOM:	ft	

#### Water Details

Water ID: 933	3481097
Layer: 1	
Kind Code: 1	
Kind: FR	ESH
Water Found Depth: 23.	0
Water Found Depth UOM: ft	

<u>Site:</u>

#### lot 5 ON

Well ID:	1522662	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	10/26/1988
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	17782	Contractor:	1504
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP	-	
Site Info:			

# Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Loc Method Desc: Elevrc Desc: Location Source Date:	10044472 09/09/1988 Not Applicable i.e. no UTM	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 9 unknown UTM na
Location Source Date: Improvement Location S Improvement Location M	ource: lethod:		

#### Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

931052206
3
2
GREY
15
LIMESTONE
47.0

184

Database: WWIS

Formation End Depth: Formation End Depth UOM:	98.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc:	931052205 2 3 BLUE 05 CLAY
Mats: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	11.0 47.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat2:	931052204 1 5 YELLOW 05 CLAY
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 11.0 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961522662 4 Rotary (Air)
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10593042 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From:	930077784 1 1 STEEL
Depth To: Casing Diameter: Casing Diameter UOM: Casing Depth UOM:	50.0 6.0 inch ft

# Construction Record - Casing

185

Casing ID:	930077785
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	98.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991522662
Pump Set At:	
Static Level:	39.0
Final Level After Pumping:	90.0
Recommended Pump Depth:	80.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	20.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	30
Flowing:	No

# Draw Down & Recovery

Pump Test Detail ID:	934904610
Test Type:	Recovery
Test Duration:	60
Test Level:	39.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934386419
Test Type:	Recovery
Test Duration:	30
Test Level:	39.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934656213
Test Type:	Recovery
Test Duration:	45
Test Level:	39.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934110994
Test Type:	Recovery
Test Duration:	15
Test Level:	39.0
Test Level UOM:	ft

#### Water Details

933480636 1 1 FRESH 98.0 ft

# Site:

#### lot 4 ON

#### Database: WWIS

Well ID: Construction Data:	1522421	Flowing (Y/N):	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	07/22/1988
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	13205	Contractor:	2351
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliábilty:		Lot:	004
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

#### Bore Hole Information

Bore Hole ID:	10044233	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	06/28/1988	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location S	Source:		
Improvement Location N	lethod:		
Source Revision Comme	ent:		

#### Overburden and Bedrock Materials Interval

Supplier Comment:

Formation ID:	931051378
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	11.0
Formation End Depth:	186.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3: Mat3 Desc: Formation Top Depth:	931051377 1 6 BROWN 14 HARDPAN 13 BOULDERS 0.0
Formation End Depth: Formation End Depth UOM:	11.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931051379 3 8 BLACK 17 SHALE
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	186.0 204.0 ft
<u>Annular Space/Abandonment</u> <u>Sealing Record</u>	
Plug ID: Layer: Plug From: Plug To: Plug Depth UOM:	933109887 1 0.0 42.0 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961522421 1 Cable Tool
Pipe Information	
Pipe ID: Casing No: Comment: Alt Name:	10592803 1
Construction Record - Casing	
Casing ID: Layer: Material: Open Hole or Material: Depth From:	930077361 1 1 STEEL
Depth To:	42.0

Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

BAILER 991522421
170.0
180.0
199.0
18.0
10.0
ft
GPM
2
CLOUDY
2
1
0
No

# Draw Down & Recovery

Pump Test Detail ID:	934655153
Test Type:	Draw Down
Test Duration:	45
Test Level:	180.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934903980
Test Type:	Draw Down
Test Duration:	60
Test Level:	180.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934385210
Test Type:	Draw Down
Test Duration:	30
Test Level:	180.0
Test Level UOM:	ft

#### Draw Down & Recovery

own
)

# Water Details

Water ID:	933480312
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	186.0
Water Found Depth UOM:	ft

Da	ta	ba	se:
	w	W	S

lot 4 ON			
Well ID:	1522420	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	07/04/1988
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	05926	Contractor:	1517
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	004
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

#### Bore Hole Information

Site:

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	10044232	Elevation: Elevrc: Zone: East83: North83: Org CS:	18
Cluster Kind:	05/31/1988	UTMRC:	9 unknown LITM
Remarks:	03/31/1900	Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location Source:			

#### Overburden and Bedrock Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID:	931051376
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	74.0
Formation End Depth:	95.0
Formation End Depth UOM:	ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	931051374
Layer:	2
Color:	2
General Color:	GREY

Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	28 SAND
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	20.0 60.0 ft
<u>Overburden and Bedrock</u> Materials Interval	
Formation ID: Layer:	931051375 3
Color: General Color: Mat1:	2 GREY 11
Mast Common Material: Mat2: Mat2 Desc: Mat3	GRAVEL 28 SAND
Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:	60.0 74.0 ft
Overburden and Bedrock Materials Interval	
Formation ID: Layer:	931051373 1
Color: General Color: Mat1:	2 GREY 05
Most Common Material: Mat2: Mat2 Desc: Mat3:	CLAY
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	0.0 20.0 ft
Annular Space/Abandonment Sealing Record	
Plug ID: Layer:	933109886 1
Plug From: Plug To: Plug Depth UOM:	0.0 25.0 ft
Method of Construction & Well Use	
Method Construction ID: Method Construction Code: Method Construction: Other Method Construction:	961522420 1 Cable Tool
Pipe Information	
Pipe ID: Casing No: Comment:	10592802 1

#### Alt Name:

#### Construction Record - Casing

930077360
1
1
STEEL
79.0
6.0
inch
ft

#### **Results of Well Yield Testing**

Pumping Test Method Desc:	BAILER
Pump Test ID:	991522420
Pump Set At:	
Static Level:	10.0
Final Level After Pumping:	15.0
Recommended Pump Depth:	
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	18.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

#### Draw Down & Recovery

934385209
30
15.0
ft

# Draw Down & Recovery

Pump Test Detail ID:	934109924
Test Type:	
Test Duration:	15
Test Level:	13.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934655152	
Test Type:		
Test Duration:	45	
Test Level:	15.0	
Test Level UOM:	ft	

# Draw Down & Recovery

Pump Test Detail ID: Test Type:	934903979
Test Duration:	60
Test Level:	15.0
Test Level UOM:	ft

#### Water Details

Water ID:	933480311
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	74.0
Water Found Depth UOM:	ft

<u>Site:</u>

#### lot 5 ON

Database: WWIS

101 5 ON			
Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:	1522417 Domestic Water Supply 25147 CUMBERLAND TOWNSHIP	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 07/06/1988 TRUE 3749 1 OTTAWA-CARLETON 005
Bore Hole Information			
Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location S Improvement Location S Source Revision Comme Supplier Comment:	10044229 Not Applicable i.e. no UTM Source: Method: ent:	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 9 unknown UTM na
Overburden and Bedroc Materials Interval	<u>k</u>		
Formation ID: Layer: Color: General Color: Mat1: Most Common Material:	931051366 1 2 GREY 05 CLAY		

Formation Top Depth: 193 erisinfo.com

Mat2:

Mat3: Mat3 Desc:

Mat2 Desc:

erisinfo.com | Environmental Risk Information Services

12

CLAY 0.0

STONES 05

Formation End Depth: Formation End Depth UOM:	6.0 ft
Overburden and Bedrock Materials Interval	
Formation ID:	931051367
Layer:	2
Color:	2
General Color:	GREY
Mat1: Most Common Motorial:	
Most Common Material. Mat2: Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	6.0
Formation End Depth:	280.0
Formation End Depth UOM:	π
<u>Annular Space/Abandonment</u> Sealing Record	
Plug ID:	933109883
Layer:	1
Plug From:	0.0
riug 10: Plug Depth LIOM:	40.0 ft
Plug Depth OOM:	II.
Method of Construction & Well Use	
Method Construction ID:	961522417
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	
Pipe Information	
Pipe ID:	10592799
Casing No:	1
Comment:	
Alt Name:	
Construction Record - Casing	
Casing ID:	930077355
Layer:	1
Material:	
<i>Open Hole or Material: Depth From:</i>	SIEEL
Depth To:	40.0
Casing Diameter:	7.0
Casing Diameter UOM: Casing Depth UOM:	inch ft
Results of Well Yield Testing	
Pumping Test Method Desc:	PUMP
Pump Test ID:	991522417
Pump Set At:	
Static Level:	57.0
Final Level After Pumping:	57.0
Recommended Pump Depth:	260.0
Pumping Rate:	12.0

8.0
ft
GPM
1
CLEAR
1
2
0
No

# Draw Down & Recovery

934385206
30
52.0
ft

# Draw Down & Recovery

Pump Test Detail ID:	934903976
Test Type:	
Test Duration:	60
Test Level:	57.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934109921
Test Type:	
Test Duration:	15
Test Level:	47.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934655149
Test Type:	
Test Duration:	45
Test Level:	57.0
Test Level UOM:	ft

# Water Details

933480305
2
1
FRESH
190.0
ft

# Water Details

Water ID:	933480306
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	210.0
Water Found Depth UOM:	ft

#### Water Details

Water	ID:
-------	-----

Layer:	5
Kind Code:	1
Kind:	FRESH
Water Found Depth:	280.0
Water Found Depth UOM:	ft

#### Water Details

933480307
4
1
FRESH
260.0
ft

#### Water Details

Water ID:	933480304
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	86.0
Water Found Depth UOM:	ft

#### Site:

lot 5 ON

101 5 014			
Well ID:	1522414	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	07/06/1988
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	25151	Contractor:	3749
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

#### Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	10044226	Elevation: Elevrc: Zone: East83: North83: Org CS:	18
Cluster Kind:		UTMRC:	9
Date Completed:	06/28/1988	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date: Improvement Location S	ource:		

196

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

#### Overburden and Bedrock Materials Interval

Formation ID:	931051359
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	73
Mat2 Desc:	HARD
Mat3:	
Mat3 Desc:	
Formation Top Depth:	8.0
Formation End Depth:	160.0
Formation End Depth UOM:	ft

# Overburden and Bedrock Materials Interval

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931051357 1 8 BLACK 02 TOPSOIL
<i>Mats Desc:</i> Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 1.0 ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931051358
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	12
Mat2 Desc:	STONES
Mat3:	85
Mat3 Desc:	SOFT
Formation Top Depth:	1.0
Formation End Depth:	8.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

#### Formation End Depth UOM:

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

Plug ID:	933109880
Layer:	1
Plug From:	0.0
Plug To:	40.0
Plug Depth UOM:	ft

ft

#### Method of Construction & Well Use

Method Construction ID:	961522414
Method Construction Code:	4
Method Construction:	Rotary (Air)
Other Method Construction:	

# Pipe Information

Pipe ID:	10592796
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID:	930077351
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	40.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pumping Test Method Desc: Pump Test ID:	PUMP 991522414
Pump Set At:	
Static Level:	107.0
Final Level After Pumping:	107.0
Recommended Pump Depth:	265.0
Pumping Rate:	
Flowing Rate:	
Recommended Pump Rate:	12.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	15
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934385203
Test Type:	Draw Down
Test Duration:	30
Test Level:	107.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934109918
Test Type:	Draw Down
Test Duration:	15
Test Level:	102.0
Test Level UOM:	ft

# Water Details

Water ID:	933480298
Layer:	3
Kind Code:	1
Kind:	FRESH
Water Found Depth:	276.0
Water Found Depth UOM:	ft

# Water Details

Water ID:	933480297
Layer:	2
Kind Code:	1
Kind:	FRESH
Water Found Depth:	210.0
Water Found Depth UOM:	ft

# Water Details

Water ID:	933480296	
Layer:	1	
Kind Code:	1	
Kind:	FRESH	
Water Found Depth:	196.0	
Water Found Depth UOM:	ft	

# <u>Site:</u>

lot 4 ON

Well ID: Construction Date: Use 1st:	1522281 Domestic	Flowing (Y/N): Flow Rate: Data Entry Status:	
Use 2nd: Final Well Status: Water Type:	Water Supply	Data Src: Date Received: Selected Flag:	1 05/26/1988 TRUE
Casing Material: Audit No:	26024	Abandonment Rec: Contractor:	2351
Tag: Constructn Method:		Form Version: Owner:	1
Elevation (m): Elevatn Reliabilty:		County: Lot:	OTTAWA-CARLETON 004
Depth to Bedrock: Well Depth:		Concession: Concession Name:	
Overburden/Bedrock: Pump Rate:		Easting NAD83: Northing NAD83: —	
Static Water Level: Clear/Cloudy:		Zone: UTM Reliability:	
Municipality: Site Info:	COMBERLAND TOWNSHIP		

# Bore Hole Information

Bore Hole ID: 10044094	Elevation:
DP2BR:	Elevrc:
Spatial Status:	Zone: 18

199

Database: WWIS Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: 04/06/1988 Remarks: Loc Method Desc: Not Applicable i.e. no UTM Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

Overburden and Bedrock Materials Interval

0100001
ROWN
8
AND
.0
6.0

#### Overburden and Bedrock Materials Interval

Formation ID:	931050802
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	16.0
Formation End Depth:	108.0
Formation End Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID: Method Construction Code:	961522281 1
Method Construction:	Cable Tool
Other Method Construction:	

#### Pipe Information

Pipe ID:	10592664
Casing No:	1
Comment:	
Alt Name:	

# Construction Record - Casing

Casing ID:

#### 930077116

200

East83: North83: Org CS: UTMRC: 9 UTMRC Desc: unknot Location Method: na

9 unknown UTM na

Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	40.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

BAILER
991522281
45.0
100.0
102.0
8.0
6.0
ft
GPM
2
CLOUDY
2
1
10
No

# Draw Down & Recovery

Pump Test Detail ID:	934109809
Test Type:	Draw Down
Test Duration:	15
Test Level:	85.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934655041
Test Type:	Draw Down
Test Duration:	45
Test Level:	100.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934903456
Test Type:	Draw Down
Test Duration:	60
Test Level:	100.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934385792
Test Type:	Draw Down
Test Duration:	30
Test Level:	100.0
Test Level UOM:	ft

#### Water Details

Water ID:	933480109
Layer:	1

# Site:

<u>Site:</u> lot 5 ON				Database: WWIS
Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: Tag: Constructn Method: Elevation (m): Elevatin Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality	1522178 Domestic Water Supply 12606	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec: Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1 02/16/1988 TRUE 2351 1 OTTAWA-CARLETON 005	
Site Info:	COMBERLAND TOWNSHIP			

# Bore Hole Information

Bore Hole ID:	10043991	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	01/20/1988	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date Improvement Locatio	n Source:		
Improvement Locatio	n Method:		
Source Revision Com	nment:		
Supplier Comment:			

#### Overburden and Bedrock Materials Interval

Formation ID:	931050480
Laver:	2
Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	29.0
Formation End Depth:	110.0
Formation End Depth UOM:	ft

# Overburden and Bedrock

Materials Interval

Formation ID: Layer: Color:	931050479 1 6
General Color:	BROWN
Most Common Material:	HARDPAN
Mat2:	
Mat2 Desc: Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth: Formation End Depth UOM:	29.0 ft
Method of Construction & Well Use	
Method Construction ID:	961522178
Method Construction Code:	1 Cable Teel
Other Method Construction:	
Pipe Information	
Pipe ID:	10592561
Casing No: Comment:	I
Alt Name:	
Construction Record - Casing	
Casing ID:	930076916
Layer: Matariali	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	29.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
Results of Well Yield Testing	
Pumping Test Method Desc	
Pump Test ID:	991522178
Pump Set At:	
Static Level:	16.0 05.0
Recommended Pump Depth:	95.0 105.0
Pumping Rate:	15.0
Flowing Rate:	14.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	10 No
riowing:	NO

# Draw Down & Recovery

Pump Test I Test Type:	<b>Detail ID:</b> 934392977 Draw Down	
203	erisinfo.com   Environmental Risk Information Services	Order No: 24042300513

Test Duration:	30
Test Level:	90.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934903360
Test Type:	Draw Down
Test Duration:	60
Test Level:	95.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934654528
Test Type:	Draw Down
Test Duration:	45
Test Level:	95.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934109292
Test Type:	Draw Down
Test Duration:	15
Test Level:	80.0
Test Level UOM:	ft

#### Water Details

Water ID:	933479971
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	105.0
Water Found Depth UOM:	ft

# <u>Site:</u>

lot 5 ON

Well ID: Construction Date:	1522176	Flowing (Y/N): Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	02/16/1988
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	12605	Contractor:	2351
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

#### Bore Hole Information

Bore Hole ID DP2BR:	: 10043989	Elevation: Elevrc:	
204	erisinfo.com   Environmental Risk Information Services	S Order No: 240	42300513

Database: WWIS Spatial Status: Code OB: Code OB Desc: **Open Hole:** Cluster Kind: 01/27/1988 Date Completed: Remarks: Not Applicable i.e. no UTM Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

#### **Overburden and Bedrock** Materials Interval

Formation ID:	931050474
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	43.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931050475
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	43.0
Formation End Depth:	60.0
Formation End Depth UOM:	ft

#### Method of Construction & Well <u>Use</u>

Method Construction ID:	961522176
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

# Pipe Information

Pipe ID:	10592559
Casing No:	1
Comment:	
Alt Name:	

#### **Construction Record - Casing**

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

Casing ID:	930076914
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	43.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

# Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991522176
Pump Set At:	
Static Level:	10.0
Final Level After Pumping:	52.0
Recommended Pump Depth:	55.0
Pumping Rate:	12.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934903358
Test Type:	Draw Down
Test Duration:	60
Test Level:	52.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934109290
Test Type:	Draw Down
Test Duration:	15
Test Level:	35.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934392975
Test Type:	Draw Down
Test Duration:	30
Test Level:	45.0
Test Level UOM:	ft

# Draw Down & Recovery

Pump Test Detail ID:	934654526
Test Type:	Draw Down
Test Duration:	45
Test Level:	52.0
Test Level UOM:	ft

# Water Details

Water ID:	933479969	
206	erisinfo.com   Environmental Risk Information Services	Order No: 24042300513

#### Site:

lot 5 ON

Well ID: **Construction Date:** Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material: Audit No: 13726 Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality:

1521942 Domestic Water Supply Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: 1 11/30/1987 Date Received: Selected Flag: TRUE Abandonment Rec: Contractor: 1517 Form Version: 1 Owner: County: Lot: 005 Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:

OTTAWA-CARLETON

	Bore	Hole	Inforr	nation
--	------	------	--------	--------

Site Info:

Bore Hole ID:	10043755	Elevation:		
DP2BR:		Elevrc:		
Spatial Status:		Zone:	18	
Code OB:		East83:		
Code OB Desc:		North83:		
Open Hole:		Org CS:		
Cluster Kind:		UTMRC:	9	
Date Completed:	11/17/1987	UTMRC Desc:	unknown UTM	
Remarks:		Location Method:	na	
Loc Method Desc:	Not Applicable i.e. no UTM			
Elevrc Desc:				
Location Source Date:				
Improvement Location Source:				
Improvement Location M	lethod:			

CUMBERLAND TOWNSHIP

#### **Overburden and Bedrock** Materials Interval

Source Revision Comment: Supplier Comment:

Formation ID:	931049729
Layer:	5
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	74.0
Formation End Depth:	81.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock

207

#### Database: **WWIS**
#### Materials Interval

Formation ID:	931049726
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	3.0
Formation End Depth:	22.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931049727
Layer:	3
Color:	2
General Color:	GREY
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	22.0
Formation End Depth:	73.0
Formation End Depth UOM:	ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2: Mat2: Mat2:	931049728 4 2 GREY 28 SAND 11 GRAVEL
<i>Mat3: Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	73.0 74.0 ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931049725 1
Color: Constant Color:	6 BROWN
Mat1:	05
Most Common Material: Mat2:	CLAY
Mat2 Desc: Mat3:	
Mat3 Desc:	
Formation Top Depth: Formation End Depth: Formation End Depth UOM:	0.0 3.0 ft

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

Plug ID:	933109652
Layer:	1
Plug From:	4.0
Plug To:	22.0
Plug Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961521942
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

#### Pipe Information

Pipe ID:	10592325
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID: Layer:	930076465 1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	74.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991521942
Pump Set At:	
Static Level:	10.0
Final Level After Pumping:	18.0
Recommended Pump Depth:	40.0
Pumping Rate:	30.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934392328
Test Type:	
Test Duration:	30
Test Level:	16.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934653467
Test Type:	
Test Duration:	45
Test Level:	18.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934108224
Test Type:	
Test Duration:	15
Test Level:	15.0
Test Level UOM:	ft

#### Draw Down & Recovery

lot 5 ON

Pump Test Detail ID:	934902859
Test Type:	
Test Duration:	60
Test Level:	18.0
Test Level UOM:	ft

#### Water Details

Water ID:	933479669
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	80.0
Water Found Depth UOM:	ft

#### Site:

Flowing (Y/N):		

Well ID: Construction Date: Use 1st: Use 2nd: Final Well Status: Water Type: Casing Material:	1521765 Domestic Water Supply	Flowing (Y/N): Flow Rate: Data Entry Status: Data Src: Date Received: Selected Flag: Abandonment Rec:	1 09/24/1987 TRUE
Audit No: Tag: Constructn Method: Elevation (m): Elevatn Reliabilty: Depth to Bedrock: Well Depth: Overburden/Bedrock: Pump Rate: Static Water Level: Clear/Cloudy: Municipality: Site Info:	13793 CUMBERLAND TOWNSHIP	Contractor: Form Version: Owner: County: Lot: Concession: Concession Name: Easting NAD83: Northing NAD83: Zone: UTM Reliability:	1517 1 OTTAWA-CARLETON 005

#### Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	10043581	Elevation: Elevrc: Zone: East83: North83: Org CS:	18
Cluster Kind:		UTMRC:	9

210

Database: WWIS

mpleted:	08/06/1987
impieteu.	00/00/1307

Not Applicable i.e. no UTM

Date Co Remarks: Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location Source: Improvement Location Method: Source Revision Comment: Supplier Comment:

#### Overburden and Bedrock Materials Interval

Formation ID:	931049068
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	15.0
Formation End Depth UOM:	ft

#### **Overburden and Bedrock** Materials Interval

Formation ID:	931049069
Layer:	2
Color:	2
General Color:	GREY
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	15.0
Formation End Depth:	44.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931049070
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	44.0
Formation End Depth:	51.0
Formation End Depth UOM:	ft

#### Annular Space/Abandonment Sealing Record

Plug ID:	933109568
Layer:	1

UTMRC Desc: Location Method: unknown UTM na

Plug From:	0.0
Plug To:	22.0
Plug Depth UOM:	ft

Method of Construction & Well Use

Method Construction ID:	961521765
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

#### Pipe Information

Pipe ID:	10592151
Casing No:	1
Comment:	
Alt Name:	

#### **Construction Record - Casing**

Casing ID:	930076147
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	50.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991521765
Pump Set At:	
Static Level:	30.0
Final Level After Pumping:	38.0
Recommended Pump Depth:	45.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	6.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	
Water State After Test:	
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934391890
Test Type:	
Test Duration:	30
Test Level:	30.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID: Test Type:	934652891
Test Duration:	45
Test Level:	35.0

## Test Level UOM:

ft

#### Draw Down & Recovery

Pump Test Detail ID:	934910541
Test Type:	
Test Duration:	60
Test Level:	38.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934107647
Test Type:	
Test Duration:	15
Test Level:	28.0
Test Level UOM:	ft

#### Water Details

Water ID:	933479455
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	50.0
Water Found Depth UOM:	ft

#### Site:

lot 4 ON

Well ID:	1521574	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	08/17/1987
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	-
Audit No:	12554	Contractor:	2351
Taq:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	004
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP	<b> </b>	
Site Info:			

#### Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc:	10043396	Elevation: Elevrc: Zone: East83: North83:	18
Open Hole: Cluster Kind: Date Completed: Remarks:	07/08/1987	Org CS: UTMRC: UTMRC Desc: Location Method:	9 unknown UTM na
Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location S	Not Applicable i.e. no UTM		

213

Order No: 24042300513

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

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	931048525
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	46.0
Formation End Depth UOM:	ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	931048526
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	46.0
Formation End Depth:	86.0
Formation End Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961521574
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

#### Pipe Information

Pipe ID:	10591966
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID:	930075804
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	46.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991521574
Pump Set At:	
Static Level:	9.0
Final Level After Pumping:	74.0
Recommended Pump Depth:	82.0
Pumping Rate:	14.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	10
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934390731
Test Type:	Draw Down
Test Duration:	30
Test Level:	74.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934909942
Test Type:	Draw Down
Test Duration:	60
Test Level:	74.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934107049
Test Type:	Draw Down
Test Duration:	15
Test Level:	65.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934652292
Test Type:	Draw Down
Test Duration:	45
Test Level:	74.0
Test Level UOM:	ft

#### Water Details

Water ID:	933479197
Laver:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	82.0
Water Found Depth UOM:	ft

#### <u>Site:</u>

<u>Site:</u>	lot 4 ON		Database: WWIS
Well ID:	1521312	Flowing (Y/N):	
215	erisinfo.com   Environmental Risk I	nformation Services	Order No: 24042300513

Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	05/22/1987
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	05913	Contractor:	1517
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	004
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality: Site Info:	CUMBERLAND TOWNSHIP		

#### Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks:	10043134 05/08/1987	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 9 unknown UTM na
Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location S	Not Applicable i.e. no UTM		

#### Overburden and Bedrock Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

931047537
1
6
BROWN
05
CLAY
0.0
6.0
ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931047539
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	26
Mat2 Desc:	ROCK

# Mat3:Mat3 Desc:Formation Top Depth:17.0Formation End Depth:80.0Formation End Depth UOM:ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931047538
Layer:	2
Color:	6
General Color:	BROWN
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	28
Mat2 Desc:	SAND
Mat3:	11
Mat3 Desc:	GRAVEL
Formation Top Depth:	6.0
Formation End Depth:	17.0
Formation End Depth UOM:	ft

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

Plug ID:	933109367
Layer:	1
Plug From:	0.0
Plug To:	24.0
Plug Depth UOM:	ft

#### Method of Construction & Well Use

961521312
1
Cable Tool

#### Pipe Information

Pipe ID:	10591704
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID:	930075311
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	25.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

		Q   N 04040000544
Static Level:	25.0	
Pump Set At:		
Pumping Test Pump Test ID:	Method Desc: BAILER 991521312	

Final Level After Pumpin Recommended Pump De Pumping Rate: Flowing Rate: Recommended Pump Ra Levels UOM: Rate UOM: Water State After Test Co Water State After Test: Pumping Test Method: Pumping Duration HR: Pumping Duration MIN: Flowing:	ig: epth: nte: ode:	40.0 60.0 20.0 10.0 ft GPM 2 CLOUDY 2 1 0 No
Draw Down & Recovery		
Pump Test Detail ID:		934390090
Test Type: Test Duration: Test Level:		30 35 0
Test Level UOM:		ft
Draw Down & Recovery		
Pump Test Detail ID: Test Type:		934651237
Test Duration: Test Level:		45 40 0
Test Level UOM:		ft
Draw Down & Recovery		
Pump Test Detail ID: Test Type:		934909445
Test Duration:		60 40 0
Test Level UOM:		ft
Draw Down & Recovery		
Pump Test Detail ID:		934105991
Test Type: Test Duration:		15
Test Level: Test Level UOM:		ft
Water Details		
Water ID:		933478817
Layer: Kind Code:		1
Kind: Water Found Depth:		FRESH 79.0
Water Found Depth UON	1:	ft
<u>Site:</u> lot 4 ON		
Well ID:	1521309	
Construction Date: Use 1st:	Domestic	;
Use 2nd: Final Well Status:	Water Su	vladi
Water Type: Casing Material:		

1 05/14/1987 TRUE

218

## Database: WWIS

Audit No:	NA	Contractor:	2351
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	004
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP	-	
Site Info:			

#### Bore Hole Information

Bore Hole ID:	10043131	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	04/15/1987	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location	Source:		
Improvement Location	Method:		
Source Revision Comm	nent:		
Supplier Comment:			

#### Overburden and Bedrock Materials Interval

004047507
931047527
2
6
BROWN
28
SAND
6.0
13.0
ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931047528
Laver:	3
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	13.0
Formation End Depth:	64.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID: Layer:	931047529 4
Color:	8
General Color:	BLACK
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	31
Mat2 Desc:	COARSE GRAVEL
Mat3:	
Mat3 Desc:	
Formation Top Depth:	64.0
Formation End Depth:	69.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931047526
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	01
Most Common Material:	FILL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	6.0
Formation End Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961521309
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

#### Pipe Information

Pipe ID:	10591701
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID:	930075308
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	69.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991521309

00	0
22	U

Pump Set At:	
Static Level:	34.0
Final Level After Pumping:	56.0
Recommended Pump Depth:	62.0
Pumping Rate:	13.0
Flowing Rate:	
Recommended Pump Rate:	8.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	10
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934105988
Test Type:	Draw Down
Test Duration:	15
Test Level:	45.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934390087	
Test Type:	Draw Down	
Test Duration:	30	
Test Level:	56.0	
Test Level UOM:	ft	

#### Draw Down & Recovery

Pump Test Detail ID:	934651234
Test Type:	Draw Down
Test Duration:	45
Test Level:	56.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934909442
Test Type:	Draw Down
Test Duration:	60
Test Level:	56.0
Test Level UOM:	ft

#### Water Details

Water ID:	933478814
Laver:	1
Kind Code:	2
Kind:	SALTY
Water Found Depth:	69.0
Water Found Depth UOM:	ft

#### Site:

221

#### lot 48 ON

Well ID:	1521291
Construction Date:	
Use 1st:	Domestic
Use 2nd:	
Final Well Status:	Water Supply

#### erisinfo.com | Environmental Risk Information Services

Flowing (Y/N): Flow Rate:

Date Received:

Data Src:

Data Entry Status:

1

04/24/1987

Database: WWIS

Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	NA	Contractor:	2351
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	048
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNS	SHIP	
Site Info:			

#### Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole:	10043113	Elevation: Elevrc: Zone: East83: North83: Org CS:	18
Cluster Kind:		UTMRC:	9
Date Completed:	03/19/1987	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date: Improvement Location S Improvement Location M	ource: lethod:		

#### Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

931047467
1
6
BROWN
28
SAND
0.0
9.0
ft

#### Overburden and Bedrock Materials Interval

931047469 3 8 BLACK 14 HARDPAN
37.0 82.0

#### Formation End Depth UOM:

#### Overburden and Bedrock Materials Interval

Formation ID:	35104/4/0
Layer:	4
Color:	8
General Color:	BLACK
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	82.0
Formation End Depth:	83.0
Formation End Depth UOM:	ft

ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931047468
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	9.0
Formation End Depth:	37.0
Formation End Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961521291
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

#### Pipe Information

Pipe ID:	10591683
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID:	930075277
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	83.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991521291
Pump Set At:	
Static Level:	35.0
Final Level After Pumping:	75.0
Recommended Pump Depth:	78.0
Pumping Rate:	20.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934390071
Test Type:	Draw Down
Test Duration:	30
Test Level:	70.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934909426
Test Type:	Draw Down
Test Duration:	60
Test Level:	75.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934651218
Test Type:	Draw Down
Test Duration:	45
Test Level:	75.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934105972
Test Type:	Draw Down
Test Duration:	15
Test Level:	45.0
Test Level UOM:	ft

#### Water Details

933478788
1
1
FRESH
83.0
ft

#### Site:

 lot 5	ON
101 3	

Well ID: Construction Date:	1520896	Flowing (Y/N): Flow Rate:
Use 1st:	Domestic	Data Entry Status:

224

Database: WWIS

Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	10/22/1986
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	NA	Contractor:	2351
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP	-	
Site Info:			

#### Bore Hole Information

Bore Hole ID: DP2BR:	10042737	Elevation: Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	10/06/1986	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date. Improvement Location	: n Source:		

#### Overburden and Bedrock Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID: Layer: Color: General Color: Mat1: Most Common Material: Mat2: Mat2 Desc: Mat3:	931046193 3 8 BLACK 11 GRAVEL
<i>Mat3 Desc: Formation Top Depth: Formation End Depth: Formation End Depth UOM:</i>	61.0 69.0 ft

## Overburden and Bedrock

<u>Materials Interval</u>
---------------------------

Formation ID:	931046191
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	

Formation Top Depth:	0.0
Formation End Depth:	9.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931046192
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	9.0
Formation End Depth:	61.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock

Materials Interval

Formation ID:	931046194
Layer:	4
Color:	8
General Color:	BLACK
Mat1:	17
Most Common Material:	SHALE
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	69.0
Formation End Depth:	76.0
Formation End Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961520896
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

#### Pipe Information

Pipe ID:	10591307
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

Casing ID:	930074615
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	69.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pumping Test Method Desc: Pump Test ID: Pump Sot At:	BAILER 991520896
Static Level:	39.0
Final Level After Pumping:	64.0
Recommended Pump Depth:	11.0
Flowing Rate:	11.0
Recommended Pump Rate:	
Levels UOM:	ft
Rate UOM: Water State After Test Code:	2 2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934650042
Test Type:	Draw Down
Test Duration:	45
Test Level:	64.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934388466
Test Type:	Draw Down
Test Duration:	30
Test Level:	64.0
Test Level UOM:	ft

### Draw Down & Recovery

Pump Test Detail ID:	934104228
Test Type:	Draw Down
Test Duration:	15
Test Level:	55.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934906705
Test Type:	Draw Down
Test Duration:	60
Test Level:	64.0
Test Level UOM:	ft

#### Water Details

1					
1					
FRESH					
75.0					
ft					
	FRESH 75.0 ft	FRESH 75.0 ft	FRESH 75.0 ft	FRESH 75.0 ft	FRESH 75.0 ft

#### Site:

<u>Site:</u>	lot 5 ON		Database: WWIS
Well ID:	1520765	Flowing (Y/N):	
227	erisinfo.com   Environmental Risk Inf	ormation Services	Order No: 24042300513

Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	09/25/1986
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	NA	Contractor:	2351
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP		
Site Info:			

#### Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status: Code OB: Code OB Desc: Open Hole: Cluster Kind: Date Completed: Remarks:	10042606 09/03/1986	Elevation: Elevrc: Zone: East83: North83: Org CS: UTMRC: UTMRC Desc: Location Method:	18 9 unknown UTM na
Loc Method Desc: Elevrc Desc: Location Source Date: Improvement Location S	Not Applicable i.e. no UTM		

#### Overburden and Bedrock Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

931045751
2
3
BLUE
05
CLAY
27.0
64.0
ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931045750
Layer:	1
Color:	7
General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	

# Mat3:Mat3 Desc:Formation Top Depth:0.0Formation End Depth:27.0Formation End Depth UOM:ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931045752
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	28
Mat2 Desc:	SAND
Mat3:	63
Mat3 Desc:	COARSE-GRAINED
Formation Top Depth:	64.0
Formation End Depth:	75.0
Formation End Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961520765
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

#### Pipe Information

Pipe ID:	10591176
Casing No:	1
Comment:	
Alt Name:	

#### **Construction Record - Casing**

930074366
1
1
STEEL
75.0
6.0
inch
ft

#### Results of Well Yield Testing

Pumping Test Method Desc:	BAILER
Pump Test ID:	991520765
Pump Set At:	
Static Level:	26.0
Final Level After Pumping:	32.0
Recommended Pump Depth:	60.0
Pumping Rate:	45.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2

Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934906584
Test Type:	Draw Down
Test Duration:	60
Test Level:	32.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934649504
Test Type:	Draw Down
Test Duration:	45
Test Level:	32.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934104808
Test Type:	Draw Down
Test Duration:	15
Test Level:	32.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934387928
Test Type:	Draw Down
Test Duration:	30
Test Level:	32.0
Test Level UOM:	ft

#### Water Details

Water ID:	933478110
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	75.0
Water Found Depth UOM:	ft

#### <u>Site:</u>

#### lot 5 ON

Database:	
WWIS	

Well ID:	1520605	Flowing (Y/N):	
Construction Date:		Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	08/12/1986
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:	NA	Contractor:	3644
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	

#### Bore Hole Information

Bore Hole ID: DP2BR:	10042447	Elevation: Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	06/25/1986	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location	Source:		

#### Overburden and Bedrock Materials Interval

Improvement Location Method: Source Revision Comment: Supplier Comment:

Formation ID:	931045292
Layer:	3
Color:	2
General Color:	GREY
Mat1:	14
Most Common Material:	HARDPAN
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	50.0
Formation End Depth:	63.0
Formation End Depth UOM:	ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

931045291
2
3
BLUE
05
CLAY
10.0
50.0
ft

#### Overburden and Bedrock Materials Interval

045290
EY
AY

Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	0.0
Formation End Depth:	10.0
Formation End Depth UOM:	ft
Overburden and Bedrock	
	004045000
Formation ID:	931045293
Layer:	4
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Watz Desc: Mat2:	
Mats. Mats Desc:	
Mais Desc.	63.0
Formation Fod Depth:	84.0
Formation End Depth.	64.0 ft
ronnation End Depth Com.	n
Method of Construction & Well Use	
Method Construction ID:	961520605
Method Construction Code:	5
Method Construction:	Air Percussion
Other Method Construction:	
Pipe Information	
Pine ID:	10591017
Casing No.	1
Comment:	
Alt Name:	
Construction Record - Casing	
Casing ID:	930074088
Layer:	2
Material:	4
Open Hole or Material:	OPEN HOLE
Depth From:	
Depth To:	84.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft
Construction Record - Casing	
Casing ID:	930074087

Casing ID: 9300	
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	
Depth To:	63.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### Results of Well Yield Testing

Pumping Test Method Desc:	PUMP
Pump Test ID:	991520605
Pump Set At:	
Static Level:	20.0
Final Level After Pumping:	50.0
Recommended Pump Depth:	50.0
Pumping Rate:	30.0
Flowing Rate:	
Recommended Pump Rate:	15.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	1
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No
Draw Down & Recovery	
Pump Test Detail ID:	934906159

Test Type:	
Test Duration:	60
Test Level:	50.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934112491
Test Type:	
Test Duration:	15
Test Level:	50.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934387354
Test Type:	
Test Duration:	30
Test Level:	50.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934648377
Test Type:	
Test Duration:	45
Test Level:	50.0
Test Level UOM:	ft

#### Water Details

933477897
1
1
FRESH
78.0
ft

#### <u>Site:</u>

<u>Site:</u> lot 5 ON			Database: WWIS
Well ID: Construction Date:	1520441	Flowing (Y/N): Flow Rate:	

Use 1st:	Domestic	Data Entry Status:	
Use 2nd:		Data Src:	1
Final Well Status:	Water Supply	Date Received:	03/17/1986
Water Type:		Selected Flag:	TRUE
Casing Material:		Abandonment Rec:	
Audit No:		Contractor:	4550
Tag:		Form Version:	1
Constructn Method:		Owner:	
Elevation (m):		County:	OTTAWA-CARLETON
Elevatn Reliabilty:		Lot:	005
Depth to Bedrock:		Concession:	
Well Depth:		Concession Name:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate:		Northing NAD83:	
Static Water Level:		Zone:	
Clear/Cloudy:		UTM Reliability:	
Municipality:	CUMBERLAND TOWNSHIP	2	
Site Info:			

#### Bore Hole Information

Bore Hole ID: DP2BR: Spatial Status:	10042284	Elevation: Elevrc: Zone:	18
Code OB:		East83:	10
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	09/18/1985	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc: Location Source Date:			

#### Overburden and Bedrock Materials Interval

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

Formation ID:	931044772
Layer:	2
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	26
Mat2 Desc:	ROCK
Mat3:	80
Mat3 Desc:	POROUS
Formation Top Depth:	5.0
Formation End Depth:	18.0
Formation End Depth UOM:	ft

#### Overburden and Bedrock Materials Interval

Formation ID:	931044773
Layer:	3
Color:	2
General Color:	GREY
Mat1:	15
Most Common Material:	LIMESTONE
Mat2:	26
Mat2 Desc:	ROCK
Mat3:	73

Mat3 Desc:	HARD
Formation Top Depth:	18.0
Formation End Depth:	185.0
Formation End Depth UOM:	ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	931044771
Layer:	1
Color:	6
General Color:	BROWN
Mat1:	28
Most Common Material:	SAND
Mat2:	01
Mat2 Desc:	FILL
Mat3:	77
Mat3 Desc:	LOOSE
Formation Top Depth:	0.0
Formation End Depth:	5.0
Formation End Depth UOM:	ft

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

Plug ID:	933109083
Layer:	1
Plug From:	0.0
Plug To:	40.0
Plug Depth UOM:	ft

#### Method of Construction & Well Use

Method Construction ID:	961520441
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	

#### Pipe Information

Pipe ID:	10590854
Casing No:	1
Comment:	
Alt Name:	

#### Construction Record - Casing

930073796
2
4
OPEN HOLE
185.0
6.0
inch
ft

#### Construction Record - Casing

Casing ID: Laver	930073795 1
Material:	1
Open Hole or Material: Depth From:	STEEL

OOF

Depth To:	40.0
Casing Diameter:	6.0
Casing Diameter UOM:	inch
Casing Depth UOM:	ft

#### **Results of Well Yield Testing**

Pumping Test Method Desc:	BAILER
Pump Set At:	991520441
Static Level:	70.0
Final Level After Pumping:	150.0
Recommended Pump Depth:	175.0
Pumping Rate:	10.0
Flowing Rate:	
Recommended Pump Rate:	10.0
Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	1
Water State After Test:	CLEAR
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934906023
Test Type:	Draw Down
Test Duration:	60
Test Level:	150.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934386798
Test Type:	Draw Down
Test Duration:	30
Test Level:	110.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934111934
Test Type:	Draw Down
Test Duration:	15
Test Level:	90.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934648943
Test Type:	Draw Down
Test Duration:	45
Test Level:	130.0
Test Level UOM:	ft

### Water Details

Water ID:	933477686
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	180.0
Water Found Depth UOM:	ft

#### Site:

lot 4 ON

Well ID: Construction Date:	1520202	Flowing (Y/N): Flow Rate:	
Use 1st:	Domestic	Data Entry Status:	
Use 2nd: Final Well Status:	Water Supply	Data Src: Date Received:	12/04/1985
Water Type: Casing Material:		Selected Flag: Abandonment Rec:	TRUE
Audit No:		Contractor:	2351
Constructn Method:		Owner:	
Elevation (m): Elevatn Reliabilty:		County: Lot:	OTTAWA-CARLETON 004
Depth to Bedrock:		Concession:	
Overburden/Bedrock:		Easting NAD83:	
Pump Rate: Static Water Level:		Northing NAD83: Zone:	
Clear/Cloudy: Municipality:	CUMBERI AND TOWNSHIP	UTM Reliability:	
Site Info:			

#### Bore Hole Information

Bore Hole ID:	10042047	Elevation:	
DP2BR:		Elevrc:	
Spatial Status:		Zone:	18
Code OB:		East83:	
Code OB Desc:		North83:	
Open Hole:		Org CS:	
Cluster Kind:		UTMRC:	9
Date Completed:	11/08/1985	UTMRC Desc:	unknown UTM
Remarks:		Location Method:	na
Loc Method Desc:	Not Applicable i.e. no UTM		
Elevrc Desc:			
Location Source Date:			
Improvement Location S	Source:		
Improvement Location N	lethod:		

#### Overburden and Bedrock Materials Interval

Source Revision Comment: Supplier Comment:

Formation ID:	931044052
Layer:	3
Color:	8
General Color:	BLACK
Mat1:	11
Most Common Material:	GRAVEL
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	181.0
Formation End Depth:	187.0
Formation End Depth UOM:	ft

#### <u>Overburden and Bedrock</u> <u>Materials Interval</u>

Formation ID:	931044050
Layer:	1
Color:	7

General Color:	RED
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mata:	
Mata Desc:	0.0
Formation Top Depth:	0.0
Formation End Depth:	11.0
Formation End Depth UOW:	π
Overburden and Bedrock	
Materials Interval	
Formation ID:	931044051
Layer:	2
Color:	3
General Color:	BLUE
Mat1:	05
Most Common Material:	CLAY
Mat2:	
Mat2 Desc:	
Mat3:	
Mat3 Desc:	
Formation Top Depth:	11.0
Formation End Depth:	181.0
Formation End Depth UOM:	π
Method of Construction & Well	
Use	
Method Construction ID:	961520202
Method Construction Code:	1
Method Construction:	Cable Tool
Other Method Construction:	
<b>-</b>	
Pipe Information	
Pino ID:	10500617
Casing No:	10030017
Commont:	1
Alt Namo:	
Alt Name.	
Construction Record - Casing	
Casing ID:	930073385
Layer:	1
Material:	1
Open Hole or Material:	STEEL
Depth From:	407.0
Depth To:	187.0
Casing Diameter:	6.0
Casing Diameter UOM:	incn
Casing Depth UOM:	π
Results of Well Yield Testing	
Pumping Test Method Desc:	BAILER
Pump Test ID:	991520202
Pump Set At:	
Static Level:	80.0
Final Level After Pumping:	110.0
Recommended Pump Depth:	140.0
Pumping Rate:	18.0
Flowing Rate:	
Becommanded Bump Dates	10.0

Levels UOM:	ft
Rate UOM:	GPM
Water State After Test Code:	2
Water State After Test:	CLOUDY
Pumping Test Method:	2
Pumping Duration HR:	1
Pumping Duration MIN:	0
Flowing:	No

#### Draw Down & Recovery

Pump Test Detail ID:	934111432
Test Type:	Draw Down
Test Duration:	15
Test Level:	110.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934377252
Test Type:	Draw Down
Test Duration:	30
Test Level:	110.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934904975
Test Type:	Draw Down
Test Duration:	60
Test Level:	110.0
Test Level UOM:	ft

#### Draw Down & Recovery

Pump Test Detail ID:	934656006
Test Type:	Draw Down
Test Duration:	45
Test Level:	110.0
Test Level UOM:	ft

#### Water Details

Water ID:	933477383
Layer:	1
Kind Code:	1
Kind:	FRESH
Water Found Depth:	187.0
Water Found Depth UOM:	ft

## Appendix: Database Descriptions

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

Abandoned Aggregate Inventory: The MAAP Program maintains a database of abandoned pits and guarries. Please note that the database is only referenced by lot and concession and city/town location. The database provides information regarding the location, type, size, land use, status and general comments.\* Government Publication Date: Sept 2002\*

Provincial AGR This database of licensed and permitted pits and quarries is maintained by the Ontario Ministry of Natural Resources and Forestry (MNRF), as regulated under the Aggregate Resources Act, R.S.O. 1990. Aggregate site data has been divided into active and inactive sites. Active sites may be further subdivided into partial surrenders. In partial surrenders, defined areas of a site are inactive while the rest of the site remains active. Government Publication Date: Up to Nov 2023

Abandoned Mine Information System: AMIS The Abandoned Mines Information System contains data on known abandoned and inactive mines located on both Crown and privately held lands. The information was provided by the Ministry of Northern Development and Mines (MNDM), with the following disclaimer: "the database provided has been compiled from various sources, and the Ministry of Northern Development and Mines makes no representation and takes no responsibility that such information is accurate, current or complete". Reported information includes official mine name, status, background information, mine start/end date, primary commodity, mine features, hazards and remediation. Government Publication Date: 1800-Mar 2022

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.

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.

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-Oct 31, 2023

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

Borehole:

Aggregate Inventory:

Anderson's Waste Disposal Sites:

Government Publication Date: 1860s-Present

Government Publication Date: May 31, 2014

Automobile Wrecking & Supplies:

BORE

Provincial

Provincial

AAGR

ANDR

Private

Provincial

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241

**Compliance and Convictions:** 

Compressed Natural Gas Stations:

## **Chemical Register:**

Government Publication Date: 1999-Oct 31, 2023

### 3,000 pounds per square inch (psi), the pressure which is allowed within the current Canadian codes and standards. The majority of natural gas refuelling is located at existing retail gasoline that have a separate refuelling island for natural gas. This list of stations is made available by the Canadian Natural Gas Vehicle Alliance.

Government Publication Date: Dec 2012 -Nov 2023

# Government Publication Date: Apr 1987 and Nov 1988\*

#### This database summarizes the fines and convictions handed down by the Ontario courts beginning in 1989. Companies and individuals named here have been found guilty of environmental offenses in Ontario courts of law.

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

Government Publication Date: 1994 - Feb 29, 2024

#### Dry Cleaning Facilities: List of dry cleaning facilities made available by Environment and Climate Change Canada. Environment and Climate Change Canada's

tetrachloroethylene to the environment from dry cleaning facilities. Government Publication Date: Jan 2004-Dec 2022

Government Publication Date: 1985-Oct 30, 2011\*

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

Commercial Fuel Oil Tanks: 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.

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

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).

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

Government Publication Date: Oct 2023

#### Chemical Manufacturers and Distributors: 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

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

Canada has a network of public access compressed natural gas (CNG) refuelling stations. These stations dispense natural gas in compressed form at

Inventory of Coal Gasification Plants and Coal Tar Sites: 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: 1989-Jan 2024

Property Use.

Provincial

Federal

Private

Private

Provincial

CHM

CHEM

CNG

CONV

Private

Provincial

Provincial

Provincial

CPU



CDRY

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

Drill Hole Database:

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

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

Government Publication Date: Oct 2023

Environmental Registry:

#### Environmental Activity and Sector Registry:

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-Feb 29, 2024

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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 - Feb 29, 2024

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

The Ontario Drill Hole Database contains information on more than 113,000 percussion, overburden, sonic and diamond drill holes from assessment

(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

Environmental Compliance Approval: Provincial **FCA** 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-Feb 29, 2024

#### Environmental Effects Monitoring:

ERIS Historical Searches:

242

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 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-Dec 31, 2023

#### Environmental Issues Inventory System:

The Environmental Issues Inventory System was developed through the implementation of the Environmental Issues and Remediation Plan. This plan was established to determine the location and severity of contaminated sites on inhabited First Nation reserves, and where necessary, to remediate those that posed a risk to health and safety; and to prevent future environmental problems. The EIIS provides information on the reserve under investigation, inventory number, name of site, environmental issue, site action (Remediation, Site Assessment), and date investigation completed. Government Publication Date: 1992-2001\*

Provincial

Provincial

DTNK

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

Provincial

Federal

Private

Federal

DRI

EASR

FBR

EEM

EHS

FIIS

Emergency Management Historical Event:

#### 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: Apr 30, 2022

#### Environmental Penalty Annual Report:

List of Expired Fuels Safety Facilities:

#### These reports provide information on environmental penalties for land or water violations issued to companies in one of the nine industrial sectors covered by the Municipal Industrial Strategy for Abatement (MISA) regulations. Government Publication Date: Jan 1, 2011 - Dec 31, 2022

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

Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness. Government Publication Date: Oct 2023

Federal Convictions: Federal 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.

Contaminated Sites on Federal Land: FCS The Federal Contaminated Sites Inventory includes information on known federal contaminated sites under the custodianship of departments, agencies and consolidated Crown corporations as well as those that are being or have been investigated to determine whether they have contamination arising from past use that could pose a risk to human health or the environment. The inventory also includes non-federal contaminated sites for which the Government of Canada has accepted some or all financial responsibility. It does not include sites where contamination has been caused by, and which are under the control of, enterprise Crown corporations, private individuals, firms or other levels of government. Includes fire training sites and sites at which Per- and Polyfluoroalkyl Substances (PFAS) are a concern.

Government Publication Date: Jun 2000-Mar 2024

Government Publication Date: 1988-Jun 2007\*

#### Fisheries & Oceans Fuel Tanks:

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

Government Publication Date: 1964-Sep 2019

## Federal Identification Registry for Storage Tank Systems (FIRSTS):

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

Government Publication Date: Oct 31, 2021

#### Fuel Storage Tank:

243

List of registered private and retail fuel storage tanks. This is not a comprehensive or complete inventory of private and retail fuel storage tanks in the province; this listing is a copy of registered private and retail fuel storage tanks, obtained under Access to Public Information. Notes: registration was not required for private fuel underground/aboveground storage tanks prior to January 1990, nor for furnace oil tanks prior to May 1, 2002; registration is not required for waste oil tanks in apartments, office buildings, residences, etc., or aboveground gas or diesel tanks. Records are not verified for accuracy or completeness.

Government Publication Date: Oct 2023

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

Provincial

Provincial

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

EXP

FCON

FOFT

FRST

Provincial

Federal

Federal

Federal

Provincial

FST

**FMHF**
# Order No: 24042300513

#### Fuel Storage Tank - Historic:

The Fuels Safety Branch of the Ontario Ministry of Consumer and Commercial Relations maintained a database of all registered private fuel storage tanks. Public records of private fuel storage tanks are only available since the registration became effective in September 1989. This information is now collected by the Technical Standards and Safety Authority.

Government Publication Date: Pre-Jan 2010\*

#### Ontario Regulation 347 Waste Generators Summary:

Regulation 347 of the Ontario EPA defines a waste generation site as any site, equipment and/or operation involved in the production, collection, handling and/or storage of regulated wastes. A generator of regulated waste is required to register the waste generation site and each waste produced, collected, handled, or stored at the site. This database contains the registration number, company name and address of registered generators including the types of hazardous wastes generated. It includes data on waste generating facilities such as: drycleaners, waste treatment and disposal facilities, machine shops, electric power distribution etc. This information is a summary of all years from 1986 including the most currently available data. Some records may contain, within the company name, the phrase "See & Use..." followed by a series of letters and numbers. This occurs when one company is amalgamated with or taken over by another registered company. The number listed as "See & Use", refers to the new ownership and the other identification number refers to the original ownership. This phrase serves as a link between the 2 companies until operations have been fully transferred.

#### Government Publication Date: 1986-Oct 31, 2022

Government Publication Date: 2013-Dec 2021

#### Greenhouse Gas Emissions from Large Facilities:

# **TSSA Historic Incidents:**

Fuel Oil Spills and Leaks:

dioxide equivalents (kt CO2 eq).

List of historic incidences of spills and leaks of diesel, fuel oil, gasoline, natural gas, propane, and hydrogen recorded by the TSSA in their previous incident tracking system. The TSSA's Fuels Safety Program administers the Technical Standards & Safety Act 2000, providing fuel-related safety services associated with the safe transportation, storage, handling and use of fuels such as gasoline, diesel, propane, natural gas and hydrogen. Under this Act, the TSSA regulates fuel suppliers, storage facilities, transport trucks, pipelines, contractors and equipment or appliances that use fuels. Records are not verified for accuracy or completeness. This is not a comprehensive or complete inventory of historical fuel spills and leaks in the province. This listing is a copy of the data captured at one moment in time and is hence limited by the record date provided here. Government Publication Date: 2006-June 2009\*

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

### Indian & Northern Affairs Fuel Tanks:

The Department of Indian & Northern Affairs Canada (INAC) maintains an inventory of aboveground & underground fuel storage tanks located on both federal and crown land. Our inventory provides information on the reserve name, location, facility type, site/facility name, tank type, material & ID number, tank contents & capacity, and date of tank installation. Government Publication Date: 1950-Aug 2003\*

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

Government Publication Date: 31 Oct, 2023

### Landfill Inventory Management Ontario:

The Landfill Inventory Management Ontario (LIMO) database is updated every year, as the Ministry of the Environment, Conservation and Parks compiles new and updated information. Includes small and large landfills currently operating as well as those which are closed and historic. Operators of larger landfills provide landfill information for the previous operating year to the ministry for LIMO including: estimated amount of total waste received, landfill capacity, estimated total remaining landfill capacity, fill rates, engineering designs, reporting and monitoring details, size of location, service area, approved waste types, leachate of site treatment, contaminant attenuation zone and more. The small landfills include information such as site owner, site location and certificate of approval # and status.

Government Publication Date: Mar 31, 2022

#### Canadian Mine Locations:

244

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\*

Federal

Provincial

Provincial

Provincial

GHG

HINC

IAFT

INC

LIMO

Federal

Provincial

Provincial

Private

**FSTH** 

GEN

#### Mineral Occurrences:

### regard to metallic and industrial minerals, as well as some information on building stones and aggregate deposits. Please note that the "Horizontal Positional Accuracy" is approximately +/- 200 m. Many reference elements for each record were derived from field sketches using pace or chain/tape measurements against claim posts or topographic features in the area. The primary limiting factor for the level of positional accuracy is the scale of the source material. The testing of horizontal accuracy of the source materials was accomplished by comparing the plan metric (X and Y) coordinates of that point with the coordinates of the same point as defined from a source of higher accuracy.

Government Publication Date: 1846-Feb 2024

### National Analysis of Trends in Emergencies System (NATES):

#### significant spill incidents. The data was to be used to assist in directing the work of the emergencies program. NATES ran from 1974 to 1994. Extensive information is available within this database including company names, place where the spill occurred, date of spill, cause, reason and source of spill, damage incurred, and amount, concentration, and volume of materials released. Government Publication Date: 1974-1994\*

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

Non-Compliance Reports: NCPL The Ministry of the Environment provides information about non-compliant discharges of contaminants to air and water that exceed legal allowable limits, from regulated industrial and municipal facilities. A reported non-compliance failure may be in regard to a Control Order, Certificate of Approval, Sectoral Regulation or specific regulation/act.

Government Publication Date: Dec 31, 2022

#### National Defense & Canadian Forces Fuel Tanks:

DND lands. Our inventory provides information on the base name, location, tank type & capacity, tank contents, tank class, date of tank installation, date tank last used, and status of tank as of May 2001. This database will no longer be updated due to the new National Security protocols which have prohibited any release of this database. Government Publication Date: Up to May 2001\*

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

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

#### National Defense & Canadian Forces Spills:

## under the "Transportation of Dangerous Goods Act - 1992". Our inventory provides information on the facility name, location, spill ID #, spill date, type of spill, as well as the quantity of substance spilled & recovered. Government Publication Date: Mar 1999-Nov 2023

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

Government Publication Date: 2001-Apr 2007\*

#### National Energy Board Pipeline Incidents:

# jurisdiction, does not include incident data related to pipelines under provincial or territorial jurisdiction. Government Publication Date: 2008-Jun 30, 2021

National Defence & Canadian Forces Waste Disposal Sites:

#### National Energy Board Wells:

245

The NEBW database contains information on onshore & offshore oil and gas wells that are outside provincial jurisdiction(s) and are thereby regulated by the National Energy Board. Data is provided regarding the operator, well name, well ID No./UWI, status, classification, well depth, spud and release date.

Locations of pipeline incidents from 2008 to present, made available by the Canada Energy Regulator (CER) - previously the National Energy Board (NEB). Includes incidents reported under the Onshore Pipeline Regulations and the Processing Plant Regulations related to pipelines under federal

Government Publication Date: 1920-Feb 2003\*

Federal

Provincial

Federal

Federal

Federal

Federal

Federal

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

NATE

NDFT

NDSP

NDWD

NFBI

NEBP

# National Environmental Emergencies System (NEES):

#### In 2000, the Emergencies program implemented NEES, a reporting system for spills of hazardous substances. For the most part, this system only captured data from the Atlantic Provinces, some from Quebec and Ontario and a portion from British Columbia. Data for Alberta, Saskatchewan, Manitoba and the Territories was not captured. However, NEES is also a repository for previous Environment Canada spill datasets. NEES is composed of the historic datasets ' or Trends ' which dates from approximately 1974 to present. NEES Trends is a compilation of historic databases, which were merged and includes data from NATES (National Analysis of Trends in Emergencies System), ARTS (Atlantic Regional Trends System), and NEES. In 2001, the Emergencies Program determined that variations in reporting regimes and requirements between federal and provincial agencies made national spill reporting and trend analysis difficult to achieve. As a consequence, the department has focused efforts on capturing data on spills of substances which fall under its legislative authority only (CEPA and FA). As such, the NEES database will be decommissioned in December 2004.

Government Publication Date: 1974-2003\*

National PCB Inventory: NPCB Environment Canada's National PCB inventory includes information on in-use PCB containing equipment in Canada including federal, provincial and private facilities. Federal out-of-service PCB containing equipment and PCB waste owned by the federal government or by federally regulated industries such as airlines, railway companies, broadcasting companies, telephone and telecommunications companies, pipeline companies, etc. are also listed. Although it is not Environment Canada's mandate to collect data on non-federal PCB waste, the National PCB inventory includes some information on provincial and private PCB waste and storage sites. Some addresses provided may be Head Office addresses and are not necessarily the location of where the waste is being used or stored.

Government Publication Date: 1988-2008\*

### National Pollutant Release Inventory 1993-2020:

#### Environmental Protection Act (CEPA), owners or operators of facilities that meet published reporting requirements are required to report to the NPRI. Government Publication Date: Sep 2020

National Pollutant Release Inventory - Historic: Federal NPRI Environment Canada has defined the National Pollutant Release Inventory ("NPRI") as a federal government initiative designed to collect comprehensive national data regarding releases to air, water, or land, and waste transfers for recycling for more than 300 listed substances. This data holds historic records; current records are found in NPR2.

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of pollutant releases (to air, water and land), disposals, and transfers for recycling. The inventory, managed by Environment and Climate Change Canada, tracks over 300 substances. Under the authority of the Canadian

Government Publication Date: 1993-May 2017

Government Publication Date: 1988-Feb 29. 2024

Oil and Gas Wells: 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

Provincial Ontario Oil and Gas Wells: OOGW In 1998, the MNR handed over to the Ontario Oil, Gas and Salt Resources Corporation, the responsibility of maintaining a database of oil and gas wells drilled in Ontario. The OGSR Library has over 20,000+ wells in their database. Information available for all wells in the ERIS database include well owner/operator, location, permit issue date, and well cap date, license No., status, depth and the primary target (rock unit) of the well being drilled. All geology/stratigraphy table information, plus all water table information is also provide for each well record.

Government Publication Date: 1800-Aug 2023

Inventory of PCB Storage Sites:

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

Government Publication Date: 1994 - Feb 29, 2024

Federal

NFFS

NPR2

Federal

Federal

Private

**OPCB** 

Provincial

Provincial

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

# Order No: 24042300513

Federal Canadian Heritage maintains an inventory of known fuel storage tanks operated by Parks Canada, in both National Parks and at National Historic Sites.

PAP

PCFT

PES

PFCH

**PFHA** 

PINC

PRT

PTTW

RFC

Private

Provincial

Federal

Federal

Provincial

Provincial

Provincial

Provincial

# Government Publication Date: 1920-Jan 2005\*

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-Feb 29, 2024

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per and polyfluoroalkyl substances (PFAS) are a group of over 4,700 human-made substances for which adverse environmental and health effects have been observed. This listing of PFAS substance reporters includes those NPRI facilities that reported substances that are found in either: a) the Comprehensive Global Database of PFASs compiled by the Organisation for Economic Co-operation and Development (OECD), b) the US Environmental Protection Agency (US EPA) Master List of PFAS Substances, c) the US EPA list of PFAS chemicals without explicit structures, or d) the US EPA list of PFAS structures (encompassing the largest set of structures having sufficient levels of fluorination to potentially impart PFAS-type properties).

Government Publication Date: Sep 2020

#### Potential PFAS Handers from NPRI:

The National Pollutant Release Inventory (NPRI) is Canada's public inventory of releases, disposals, and transfers, tracking over 320 pollutants. Per and polyfluoroalkyl substances (PFAS) are a group of over 4.700 human-made substances for which adverse environmental and health effects have been observed. This list of potential PFAS handlers includes those NPRI facilities that reported business activity (NAICS code) included in the US Environmental Protection Agency (US EPA) list of Potential PFAS-Handling Industry Sectors, further described as operating in industry sectors where literature reviews indicate that PFAS may be handled and/or released. Inclusion of a facility in this listing does not indicate that PFAS are being manufactured, processed, used, or released by the facility - these are facilities that potentially handle PFAS based on their industrial profile. Government Publication Date: Sep 2020

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

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

Government Publication Date: 1989-1996\*

#### Permit to Take Water:

take water.

247

Government Publication Date: 1994 - Feb 29, 2024

Part V of the Ontario Environmental Protection Act ("EPA") regulates the disposal of regulated waste through an operating waste management system or a waste disposal site operated or used pursuant to the terms and conditions of a Certificate of Approval or a Provisional Certificate of Approval. Regulation 347 of the Ontario EPA defines a waste receiving site as any site or facility to which waste is transferred by a waste carrier. A receiver of regulated waste is required to register the waste receiving facility. This database represents registered receivers of regulated wastes, identified by registration number, company name and address, and includes receivers of waste such as: landfills, incinerators, transfer stations, PCB storage sites, sludge farms and water pollution control plants. This information is a summary of all years from 1986 including the most currently available data. Government Publication Date: 1986-1990, 1992-2021

Canadian Pulp and Paper: 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:

# The database details information on site name, location, tank install/removal date, capacity, fuel type, facility type, tank design and owner/operator.

Pesticide Register:

# NPRI Reporters - PFAS Substances:

# **Pipeline Incidents:**

# Private and Retail Fuel Storage Tanks:

erisinfo.com | Environmental Risk Information Services

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

Ontario Regulation 347 Waste Receivers Summary:

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

### Retail Fuel Storage Tanks:

**Ontario Spills:** 

Record of Site Condition:

#### 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-Oct 31, 2023

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

Scott's Manufacturing Directory: 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.

cleanup orders for property owners is contingent upon documentation known as a record of site condition (RSC) being filed in the Environmental Site

requirements related to site assessment and clean up. RSCs filed after July 1, 2011 will also be included as part of the new (O.Reg. 511/09). The

Government Publication Date: 1992-Mar 2011\*

List of spills and incidents made available by the Ministry of the Environment, Conservation and Parks. This database identifies information such as location (approximate), type and quantity of contaminant, date of spill, environmental impact, cause, nature of impact, etc. Information from 1988-2002 was part of the ORIS (Occurrence Reporting Information System). The SAC (Spills Action Centre) handles all spills reported in Ontario. Regulations for spills in Ontario are part of the MOE's Environmental Protection Act, Part X. The Ministry of the Environment, Conservation and Parks cites the coronavirus pandemic as an explanation for delays in releasing data pursuant to requests.

Government Publication Date: 1988-Jan 2023; Mar 2023-Dec 2023

#### Wastewater Discharger Registration Database:

Facilities that report either municipal treated wastewater effluent or industrial wastewater discharges under the Effluent Monitoring and Effluent Limits (EMEL) and Municipal/Industrial Strategy for Abatement Regulations. The Municipal/Industrial Strategy for Abatement (MISA) division of the Ontario Ministry of Environment keeps record of direct dischargers of toxic pollutants within nine sectors including: Electric Power Generation, Mining, Petroleum Refining, Organic Chemicals, Inorganic Chemicals, Pulp & Paper, Metal Casting, Iron & Steel, and Quarries. Government Publication Date: 1990-Dec 31, 2021

Anderson's Storage Tanks: TANK The information provided in this database was collected by examining various historical documents, which identified the location of former storage tanks, containing substances such as fuel, water, gas, oil, and other various types of miscellaneous products. Information is available in regard to business operating at tank site, tank location, permit year, permit & installation type, no. of tanks installed & configuration and tank capacity. Data contained within this database pertains only to the city of Toronto and is not warranted to be complete, exhaustive or authoritative. The information was collected for research purposes only.

List of fuel storage tanks currently or previously owned or operated by Transport Canada. This inventory also includes tanks on The Pickering Lands, which refers to 7,530 hectares (18,600 acres) of land in Pickering, Markham, and Uxbridge owned by the Government of Canada since 1972; properties on this land has been leased by the government since 1975, and falls under the Site Management Policy of Transport Canada, but is administered by

Government Publication Date: 1915-1953\*

# Transport Canada Fuel Storage Tanks:

#### Public Works and Government Services Canada. This inventory provides information on the site name, location, tank age, capacity and fuel type. Government Publication Date: 1970 - Apr 2023

#### Variances for Abandonment of Underground Storage Tanks:

Listing of variances granted for storage tank abandonment. This is not a comprehensive or complete inventory of tank abandonment variances in the province; this listing is a copy of tank abandonment variance records previously obtained under Access to Public Information. In Ontario. registered underground storage tanks must be removed within two years of disuse; if removal of a tank is not feasible, an application may be sought for a variance from this code requirement.

Records are not verified for accuracy or completeness.

Government Publication Date: Feb 28, 2022

The Record of Site Condition (RSC) is part of the Ministry of the Environment's Brownfields Environmental Site Registry. Protection from environmental

Private

Private

Provincial

Provincial

Private

Federal

Provincial

### Provincial

RSC

RST

SPL

SRDS

TCFT

VAR

erisinfo.com | Environmental Risk Information Services

Waste Disposal Sites - MOE CA Inventory:

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-Feb 29, 2024

# Waste Disposal Sites - MOE 1991 Historical Approval Inventory:

In June 1991, the Ontario Ministry of Environment, Waste Management Branch, published the "June 1991 Waste Disposal Site Inventory", of all known active and closed waste disposal sites as of October 30st, 1990. For each "active" site as of October 31st 1990, information is provided on site location, site/CA number, waste type, site status and site classification. For each "closed" site as of October 31st 1990, information is provided on site location, site/CA number, closure date and site classification. Locations of these sites may be cross-referenced to the Anderson database described under ERIS's Private Source Database section, by the CA number.

Government Publication Date: Up to Oct 1990\*

# Water Well Information System:

This database describes locations and characteristics of water wells found within Ontario in accordance with Regulation 903. It includes such information as coordinates, construction date, well depth, primary and secondary use, pump rate, static water level, well status, etc. Also included are detailed stratigraphy information, approximate depth to bedrock and the approximate depth to the water table.

Government Publication Date: Mar 31 2023

Provincial

**WWIS** 

**WDSH** 

Provincial The Ontario Ministry of Environment, Waste Management Branch, maintains an inventory of known open (active or inactive) and closed disposal sites in

**WDS** 

Provincial

# Definitions

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

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

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

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

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

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

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

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

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

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

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

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

250